



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



**Attendance Sheet for 66th Meeting of the Executive Council
on 27.12.2025 at 10.30 a.m.**

Venue: International Conference Hall

S.NO	NAME	POSITION	SIGNATURE
1.	Prof. Dr. Rajat Gupta Vice Chancellor, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Chairperson	
2.	Prof. Dr. R. Sivaraman Pro Vice-Chancellor Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Member (Ex-Officio)	
3.	Dr. S. Raju, Dean (Academics), Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Dean Nominee	
4.	Prof. Dr. S.P. Chockalingam, Dean (SoC), Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Dean Nominee	
5.	Dr. R. Mangaleswaran Department of Social Work Bharathidasan University Tiruchirapalli - 620 024	UGC Nominee	
6.	Dr. P. Chandrakumar Professor & Dean (R&D) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Professor Nominee	
7.	Dr. E. Ajitha Associate Professor, School of Law Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Associate Professor Nominee	



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



S.NO	NAME	POSITION	SIGNATURE
8.	Dr. P. Vijayaraman Asst. Professor & Dean (Campus to Corporate) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Assistant Professors Nominee	
9.	Dr. (Mrs.).Rangarajan Mahalakshmi Kishore, Chairperson Managing trustee, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Nominee of the sponsoring body	
10.	Dr.S.P.Thyagarajan, Distinguished Professor & Advisor to Chancellor Vellore Institute of Technology Chennai.	Nominee of the sponsoring body	Online
11.	Prof. B.S. Murty Director Indian Institute of Technology Kandi, Sangareddy, Hyderabad-502284.	Nominee of the sponsoring body	Absent
12.	Mr. Murali Vaidyanathan President, Wheels India Limited Chennai	Nominee of the sponsoring body	Online
13.	Dr.E.Kannan, Registrar, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Secretary	

VICE CHANCELLOR

Prof. Rajat Gupta
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University, Estd. on 5 of UGC Act, 1956)



**AGENDA AND MINUTES OF THE 66th MEETING OF
EXECUTIVE COUNCIL
on 27.12.2025 at 10.30 a.m.
Venue : International Conference Hall.**

A. Opening	
66.1	To inform the board about the leave of absence of the members.
66.2	To record the notice convening the 66 th meeting of the Executive Council (EC) scheduled on December 27, 2025.
66.3	To approve and record the minutes of the 65 th meeting of the EC held on September 20, 2025.
66.4	To report and record the agenda for the 66 th meeting of the EC scheduled on December 27, 2025.
66.5	To discuss and approve the actions taken report based on the minutes of the 65 th meeting of the EC meeting held on September 20, 2025.
B. Items for Consideration and Approval	
66.6	To consider and approve the results of the Ph.D. viva-voce examination conducted since the last EC meeting held on September 20, 2025.
66.7	To consider and approve the minutes of the 28 th Research Board Meeting held on October 27, 2025.
66.8	To consider and approve the minutes of the 51 st meeting of the Academic Council Meeting held on November 22, 2025.
66.9	To consider and approve the minutes of the 38 th meeting of the Finance Committee Meeting held on December 13, 2025.
66.10	To consider and approve the minutes of the 27 th Internal Quality Assurance Cell Meeting held on September 13, 2025 and 28 th Internal Quality Assurance Cell Meeting held on December 13, 2025.
66.11	To discuss and approve the Institutional Developmental Plan (IDP).

C. Items for Discussions and Decisions	
66.12	To discuss the activities of the Office of Industry Relations during the Academic Year (AY) 2025-26 and its proposed activities for the AY 2026-27.
66.13	To discuss and record the detailed analysis of Institution NIRF Ranking 2025 and the way forward for improvement.
66.14	To discuss and record the research activities and TBI start-ups ventures in the Research Park.
66.15	To discuss and record the report based on the survey and Exit Interview Analysis along with faculty Retention policy.
66.16	To discuss and record the improvement and new strategic plan for placement training.
D. Items for Ratification	
66.17	To consider and ratify the recommendations of the Faculty Selection Committee since the last EC meeting held on September 20, 2025.
66.18	To consider and ratify the phenomenal changes in the intake of students proposed for AICTE Extension of Approval (EoA) process for the Academic year 2026-27.
E. Items for Reporting	
66.19	To report the status of Ph.D. Winter Semester admission of AY 2025-26.
66.20	To report and record the status of the International & National rankings, awards received since the last EC meeting held on September 20, 2025.
66.21	To report and record the letters received from MHRD/ UGC/ AICTE/ BCI / DBT / Government of Tamil Nadu etc., and action taken thereof.
F. Concluding	
66.22	Any other item with the permission of the Chairperson.
66.23	To consider and approve the date for holding the next EC meeting during the month of March 2026.
VOTE OF THANKS	


Prof. Rajat Gupta
 Vice Chancellor

MEMBERS

- | | |
|--|-----------------------------|
| 1. Prof. Dr. Rajat Gupta,
Vice Chancellor,
Vel Tech. | Chairperson |
| 2. Dr.R.Sivaraman
Pro Vice-Chancellor,
Vel Tech. | Member (Ex-Officio) |
| 3. Dr. S. Raju,
Dean (Academics),
Department of Computer Science and Engineering
Vel Tech. | Dean Nominee |
| 4. Prof. Dr. S. P. Chockalingam,
Dean (School of Computing),
Department of Computer Science and Engineering
Vel Tech. | Dean Nominee |
| 5. Dr. R. Mangaleswaran,
Professor & Head
Department of Social Work,
Bharathidasan University
Tiruchirapalli. | UGC Nominee |
| 6. Dr. P. Chandrakumar,
Dean (R&D)
Department of Mechanical Engineering
Vel Tech. | Professor Nominee |
| 7. Dr. E. Ajitha,
Associate Professor,
School of Law
Vel Tech. | Associate Professor Nominee |
| 8. Dr. P. Vijayaraman,
Dean (Campus to Corporate)
Department of Computer Science and Engineering
Vel Tech. | Assistant Professor Nominee |



Prof. Rajat Gupta
Vice Chancellor

- | | |
|--|---------------------------|
| 9. Dr. (Mrs.) Rangarajan Mahalakshmi Kishore,
Chairperson and Managing Trustee.
Vel Tech. | Nominee (Sponsoring body) |
| 10. Prof. S. P.Thyagarajan,
Distinguished Professor & Advisor to Chancellor
Vellore Institute of Technology,
Chennai. | Nominee (Sponsoring body) |
| 11. Prof. B. S. Murty,
Director,
Indian Institute of Technology,
Hyderabad. | Nominee (Sponsoring body) |
| 12. Mr. Murali Vaidyanathan,
President,
Wheels India Limited,
Chennai. | Nominee (Sponsoring body) |
| 13. Dr. E. Kannan,
Registrar,
Vel Tech. | Secretary |


Prof. Rajat Gupta
Vice Chancellor
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Chennai, India. Vel Tech. 1982

MINUTES

A. Opening

The Chairperson extended a hearty welcome to the Hon'ble Chancellor for gracing the meeting of the Executive Council with his esteemed presence. He also welcomed the External and Internal members for making it convenient to attend the meeting. The Chairperson then briefed the Council on the recent key initiatives and achievements of the Institution, as outlined below:

- * The successful conduct of the 15th Convocation, including the conferment of the prestigious Honorary Doctoral Degree on Dr. V. Narayanan, Secretary, Department of Space, ISRO, in recognition of his exemplary contributions to Science and Technology, along with a brief overview of the proceedings.
- * The proactive support of the Management in granting approval for awarding Gold Medals to all three toppers, who incidentally secured the same CGPA.
- * The Institution's global recognition through its placement in the 1001-1200 band among 2,191 universities in the Times Higher Education World University Rankings 2026, and its position in the 951-1000 band in the QS Asia Rankings 2026, including 312th rank in the Southern Asia region.
- * Recognition of the Institution with the "Excellence in Outcome-Based Education - New-Age Learning" award at the 34th Elets World Education Summit in Chennai, and the IEI Engineering Education Excellence Award 2025.
- * Organization of the Start-up and Investor Summit 2025, the flagship annual event of Vel Tech TBI, held on 25th October 2025.
- * Execution of nine (9) Memoranda of Understanding with international universities for academic and research collaboration during the academic year 2025-26.
- * Successful organization of an International Alumni Meet in Taiwan in the presence of the Vice Chancellor.
- * Sponsorship of seven (7) students to Japan for one week under the fully funded Sakura Science Programme commencing in January 2026, and award of 100.
- * Visit of the Vice Chancellor along with the Dean (International Relations) to Thailand to establish new academic and research partnerships and strengthen existing collaborations.

After the Welcome Address by the Chairperson, the proceedings of the meeting commenced was started.


Prof. Rajat Gupta
Vice Chancellor

66.1 To inform the board about the leave of absence of the members

The Chairperson informed the Executive Council the Leave of absence of Prof. B.S. Murty, the External member for the meeting due to other commitments.

RESOLVED, That the Leave of absence of Prof. B.S. Murty, the External member for the meeting due to his other commitments be recorded.

66.2 To record the notice convening the 66th meeting of the Executive Council (EC) scheduled on December 27, 2025.

The meeting notice to all the members was sent sufficiently in advance and a copy of the meeting notice is placed below Appendix-A in the form clickable link and readable QR Code.

A. 66th EC Meeting Notice



Appendix-A Click here

RESOLVED, That the notice convening the 66th meeting of the Executive Council (EC) scheduled on December 27, 2025 be approved.

66.3 To approve and record the minutes of the 65th meeting of the EC held on September 20, 2025.

A copy of the draft minutes of the 65th meeting of the EC held on September 20, 2025 was sent to all the members. The suggestions of the members were incorporated in the minutes and the corrected copy of the minutes is placed at the Appendix-B for approval in the form clickable link and readable QR Code.

B. 65th EC Meeting Minutes



Appendix-B Click here

RESOLVED, That the minutes of the 65th meeting of the EC held on September 20, 2025 be approved and recorded.


Prof. Rajat Gupta
Vice Chancellor

- 66.4 To report and record the agenda for the 66th meeting of the EC scheduled on December 27, 2025.

The Agenda of the 66th meeting of the Executive Council scheduled on December 27, 2025 is given in the page no.1.

RESOLVED, That the agenda for the 66th meeting of the EC scheduled on December 27, 2025 be approved.

- 66.5 To discuss and approve the actions taken report based on the minutes of the 65th meeting of the EC meeting held on September 20, 2025.

Prof. E. Kannan presented the action taken report related to the minutes of the 65th meeting of the EC meeting held on September 20, 2025 as detailed below:

Table 1: Action Taken reports based on 65th meeting of the EC.

Item No.	Subject	Decision	Action Taken
65.7	To consider and approve the minutes of the 50th meeting of the Academic Council held on August 30, 2025.	<p>1. Mr. Murali Vaidyanathan emphasized that Industry 4.0 should be offered as a full-fledged course specifically for Engineering programmes, a proposal seconded by Dr.R. Mangaleswaran.</p> <p>2. Prof.B.S.Murty added that, considering the relevance of manufacturing, courses such as Six Sigma would also be highly beneficial. He suggested exploring the introduction of such advanced learning modules.</p>	The suggestions of the External members are taken into consideration, and they will be presented to the respective Boards of Studies for their recommendations and follow-ups.
65.9	To discuss in detail the overall analysis of NIRF ranking awarded to the Institution for 2025 and for moving forward.	Prof.B.S.Murty opined that this item warrants a dedicated discussion in a separate session. Mr. Murali Vaidyanathan also stressed the importance of a detailed deliberation.	The analytical report was placed before the IQAC meeting held on 07.12.2025. The suggestions and inputs of the members were taken note of.


Prof. Rajat Gupta
 Vice Chancellor

Table 2: Action Taken reports based on 65th meeting of the EC.

Item No.	Subject	Decision	Action Taken
65.10	To discuss and approve strategies for strengthening faculty awareness of ethical publishing practices and fostering quality research outputs.	<p>1. Prof. S.P.Thyagarajan observed that the proportion of publications in Q1 journals currently stands at less than 40%, which is not an encouraging indicator of research quality and visibility. He emphasised that the Institution must demonstrate concrete efforts to improve this metric.</p> <p>2. Prof. S.P. Thyagarajan recommended that the outcomes and activities of the Research Park hubs be summarised in a structured format and presented before the next Executive Council meeting.</p>	<p>1. The suggestion of the external member has been duly considered. Necessary actions have been initiated to enhance the number of Q1 journal publications.</p> <p>2. The activities of the Research Park hubs were summarised to be presented in this meeting under agenda number (Agenda Item No.66.14).</p>
65.12	To consider and ratify the recommendations of the Faculty Selection Committee since the last EC meeting held on June 28, 2025.	Prof. S.P. Thyagarajan requested that a comprehensive report based on the survey and exit interview analyses, along with the proposed Faculty Retention Policy and initiatives, be submitted to the EC for discussion at its next meeting.	The detailed report on the survey and exit interview analysis, along with the proposed Faculty Retention Policy and initiatives are to be discussed under the (Agenda Item No.66.15).

RESOLVED, That the actions taken report based on the minutes of the 65th meeting of the EC meeting held on September 20, 2025, be approved and recorded,

B. Items for Consideration and Approval

66.6 To consider and approve the results of the Ph.D. viva-voce examination conducted since the last EC meeting held on September 20, 2025.

The Controller of Examinations presented the results data of the Ph.D. viva-voce examination conducted since the last EC meeting held on September 20, 2025 which is placed at the Appendix-C given below in the form clickable link and readable QR Code.

C. Ph.D. viva-voce Results



[Appendix-C Click here](#)


Prof. Rajat Gupta
 Vice Chancellor

RESOLVED, That the results data of the Ph.D. viva voce examination conducted since the last EC meeting held on September 20, 2025 be approved.

- 66.7 To consider and approve the minutes of the 28th Research Board Meeting held on October 27, 2025.

The Dean (Research Studies) presented the minutes of the 28th Research Board Meeting held on October 27, 2025. A copy of the minutes of the 28th meeting of the Research Board Meeting is placed at the Appendix-D given below in the form clickable link and readable QR Code.

D. 28th Research Board Minutes



Appendix-D Click here

Prof. S. P. Thyagarajan expressed deep concern that Part-time Ph.D. scholars constitute nearly 70 percent of the total doctoral enrolment emphasizing that national ranking frameworks, particularly NIRF, assign greater weight-age to full-time doctoral strength, consistent research engagement, publication output, and timely thesis completion, all of which are significantly strengthened by a full-time scholar ecosystem.

He further stated that a strong on-campus full-time research community enhances laboratory utilization, academic vibrancy, patents, funded research participation, and mentoring of student research initiatives, while also improving the Institution's global research credibility. He firmly insisted that Part-time Ph.D. registration must be restricted only to the faculty members currently working in this Institution and pursuing their Ph.D. here, and that no external candidates from other Institutions or organizations should be admitted under the Part-time Ph.D. category, as it inflates the research culture.

The Dean (Research Studies) thanked the External Member for his valuable suggestions and informed the Council that the Institution has been taking consistent and focused measures to increase the strength of Full-time Ph.D. scholars, including initiatives to strengthen on-campus research engagement and improve doctoral research outcomes. He further stated that the Institution is steadily progressing toward the objective, and expressed confidence that the desired research balance and enrolment goals will be achieved in the near future.

RESOLVED, That the results data of the minutes of the 28th Research Board Meeting held on October 27, 2025 be approved and recorded.


Prof. Rajat Gupta
Vice Chancellor

- 66.8 To consider and approve the minutes of the 51st meeting of the Academic Council Meeting held on November 22, 2025.

The Dean (Academics) enlightened the significant discussions held and the decisions taken thereon at the Academic Council held on November 22, 2025. A copy of the minutes of the 51st meeting of the Academic Council is placed at the Appendix-E given below in the form clickable link and readable QR Code.

E. 51st ACM Minutes



Appendix-E Click here

Prof. S. P. Thyagarajan appreciated the various initiatives undertaken by the Institution under the Faculty Development Programme pointed out by the Dean (Academics) in his presentation. He stated that the programmes reflected a strong commitment towards continuous academic upskilling and professional enrichment of faculty members. He further suggested that structured feedback should be collected from faculty participants, resource persons, and all other stakeholders involved in the programme to assess its impact, relevance, and delivery effectiveness..

He also pointed out that a well-prepared analysis could highlight gaps in training content, participation challenges, areas needing improvement, and emerging skill requirements, thereby supporting data-driven decision-making for future faculty development policies. He mentioned that such analysis would further enable the Institution to benchmark its Faculty Development initiatives, design customized training interventions, strengthen faculty engagement, and improve programme quality on a sustainable basis.

Prof. E. Kannan informed the Council that the HRDC unit of the Institution has been regularly conducting Faculty Development Programmes to enhance faculty professional competence and academic excellence. He further stated that HRDC has established a systematic feedback mechanism that includes structured feedback collection from participants, detailed analysis, evaluation of programme impact, identification of gaps, and implementation of insights for continuous improvement.

He added that the feedback process supports evidence-based planning, enhances FDP quality, strengthens participant engagement, and helps align faculty development initiatives with national and global academic expectations..

RESOLVED, That the minutes of the 51st meeting of the Academic Council Meeting held on November 22, 2025, be approved and recorded .


Prof. Rajat Gupta
Vice Chancellor

66.9 To consider and approve the minutes of the 38th meeting of the Finance Committee Meeting held on December 13, 2025.

The Finance Officer explained in detail the important discussions held and decisions taken thereon at the 38th meeting of the Finance Committee held on December 13, 2025. A copy of the Minutes of the 38th meeting of the Finance Committee held on December 13, 2025 is placed in Appendix-F in the form clickable link and readable QR Code.

F. 38th PCM



Appendix-F Click here

The Chancellor observed that the Institution should not rely solely on student fee income and emphasized the need to explore additional revenue streams, including alumni donations. He sought clarification on the various ways the Institution generates funds from other sources.

Prof. S. P. Thyagarajan suggested that alternative funding could be mobilized through the Institution's Corpus Fund, charitable trusts, technology transfer, research consultancy, endowments, industry collaborations, sponsored projects, and intellectual property commercialization. He noted that a strategic plan would be required to systematically develop these avenues.

Prof. P. Chandrakumar, Dean (R & D), elaborated on the Institution's diversified funding model, explaining that funds are generated through consultancy services, CSR-based research grants, national and international scholarships and fellowships, activities under the Technology Business Incubator (TBI), support for start-ups, industry partnerships, IEEE funding and commercialization-linked research projects. He added that additional support comes from patent filings, prototype development, research-driven product innovation, and incubation-based initiatives, ensuring a sustainable and innovation-focused funding framework for the Institution.

The Chancellor directed the Finance Officer to include details of the financial resources generated both from student fees and from other sources, categorized as discussed above, in a consolidated statement to be incorporated in all future financial documents, including the Budget.

RESOLVED, That the minutes of the 38th meeting of the Finance Committee Meeting held on December 13, 2025, be approved and recorded.

Prof. Rajat Gupta
Vice-Chancellor

- 66.10 To consider and approve the minutes of the 27th Internal Quality Assurance Cell Meeting held on September 13, 2025 and 28th Internal Quality Assurance Cell Meeting held on December 13, 2025.

The detailed Minutes of 27th and 28th meetings of IQAC presented by Dean (Quality Assurance), during the meeting covers the following .

- * *Analysis of observations from the Academic Audit conducted for AY 2024-25.*
- * *Deliberation of Rankings Received and status of NBA accreditation.*
- * *Discussion on strategies and faculty awareness regarding ethical publications and contributions towards quality research.*

The 28th meeting of IQAC was held on December 13, 2025. The major discussion at the meeting focused on the following items.

- * *Gaps identified and enhancing the institution parameter-wise scores through a time-bound action plan for future editions of the NIRF India Rankings.*
- * *Deliberation of existing and proposed initiatives aimed at enhancing publications, research projects, and patents.*
- * *Discussion on the placement strategies to improve both the quantity and quality of placements through targeted industry-readiness training.*

G. 27th & 28th IQAC Minutes



Appendix-G Click here

The members discussed the marginal NIRF rank decline (86 to 87) and reviewed parameter-wise gaps to frame a time-bound improvement action plan for future NIRF editions. It is also informed to the Executive Council that the Institutional performance was benchmarked against the Top-100 engineering institutions and further compared with the 41-50 rank band to support the goal of reaching Top-50. Seven sub-metrics fall within the Top-50 band, while ten sub-metrics require improvement, of which eight were prioritized for focused intervention. Six-year trend analysis showed steady improvement, with the overall score reaching 47.43 (2025 cycle) despite earlier penalties from publication retractions. Corrective actions included forming an Ethics Committee, faculty sensitization, and a publication quality verification portal. Zero retractions were reported for the 2024 calendar year to date as detailed in the attached Appendix..


Prof. Rajat Gupta
Vice Chancellor

The Chancellor sought clarification on the reasons for the institution's lower-than-anticipated position in the NIRF rankings despite IQAC initiatives. The Chancellor also requested a brief summary of the steps being taken to improve the ranking.

In response, the IQAC stated that the ranking decline is due to reduced scores in key NIRF sub-metrics, with benchmarking identifying gaps in 10 sub-metrics, especially in research output, outreach, and perception. The institution is within the Top-50 band in 7 sub-metrics, and 8 high-impact areas have been prioritized for improvement. Actions include induction of eminent experts from IITs/NITs into academic bodies, enhanced engagement with distinguished resource persons, increased academic visibility, and a phased, time-bound plan with measurable targets and periodic review for continuous monitoring and correction.

RESOLVED, That the minutes of the 27th Internal Quality Assurance Cell Meeting held on September 13, 2025 and 28th Internal Quality Assurance Cell Meeting held on December 13, 2025 be approved and recorded.

66.11 To discuss and approve the Institutional Developmental Plan (IDP).

Dr. P. Chandrakumar, Dean (R&D) presented the Institutional Developmental Plan (IDP) Prof. P. Chandrakumar, Dean (R&D), in his presentation stated that Vel Tech's Institutional Development Plan (IDP) adopts a phased 15-year roadmap with 2025 as the base year and strategic goals for 2030, 2035, and 2040 to evolve into a globally recognized, research-intensive multidisciplinary university.

Dr. P. Chandrakumar, Dean (R&D) pointed out that the Institution's Vision and Mission have been formulated through a comprehensive, stakeholder-driven, and forward-looking process, taking into account academic, societal, and future development perspectives. In a similar manner, the academic departments would be directed to review and revise the Vision and Mission statements of their respective departments.

The plan is built on nine key enablers covering academic and research excellence, faculty and student capacity building, global collaborations, innovation and incubation, industry partnership and alumni engagement, sustainability, governance, finance, and infrastructure. Core strategies include strengthening NEP-aligned curricula, scaling experiential and industry-enabled learning, improving research output and commercialization through the Research Park and Technology Business Incubator, enhancing institutional visibility, and monitoring progress through measurable, time-bound targets with periodic review. The IDP reinforces autonomy with accountability, digital and AI-enabled pedagogies, research mentorship, global partnerships, and holistic student development to address national and global needs..

Prof. Chandrakumar conveyed his sincere gratitude to the External Member, Prof. S.P. Thyagarajan, for his extensive support and guidance in shaping the IDP, and expressed his deep appreciation for the mentorship provided. The detailed plan is placed in the Appendix.

Prof. Mangaleswaran commended the institution for the extensive efforts taken to design, develop, and present the Institutional Development Plan (IDP) comprehensively during the meeting. He recommended that the document be accepted and approved by the Executive Council (EC) in full.

Mr. Murali Vaidyanathan endorsed Prof. Mangaleswaran's view, emphasizing the inclusion of a quantification approach in evaluating and presenting the IDP. In this context, quantification refers to applying measurable techniques—such as statistical analysis, scoring models, trend mapping, performance indicators, and data-driven benchmarking—to validate the plan's impact, feasibility, and outcomes.

H. IDP



Appendix-H Click here

RESOLVED That the the Institutional Developmental Plan (IDP), be approved and recorded.

C. Items for Discussions and Decisions

- 66.12 To discuss the activities of the Office of Industry Relations during the Academic Year (AY) 2025-26 and its proposed activities for the AY 2026-27.**

During the Summer semester of AY 2025-26, the Office of Industry Relations achieved several significant milestones that strengthened industry-academia collaboration. A total of 24 new Memoranda of Understanding (MoUs) were signed, expanding institutional partnerships. The office facilitated 35 industry-oriented courses with 2,104 student enrolments and engaged 49 industry experts as Professors of Practice. Experiential learning was strongly emphasized, with 473 students undertaking summer internships across 83 industries, 463 final year students completing their major project in 153 industries, and 551 students from 5th semester completed semester long internship in 113 industries. In addition, industry exposure was enhanced through industrial visits, with 1,575 students visiting 35 different industries.


Prof. Rajat Gupta
Vice Chancellor

In the Winter Semester of Academic Year 2025-26, we propose to

- ★ *Sign 35 new MoUs*
- ★ *Ensure more than 50 MoUs remain actively functional*
- ★ *Engage 35+ Professors of Practice (PoP).*
- ★ *Arrange summer internships for 600+ students.*
- ★ *Place 300+ students for major projects in industry*
- ★ *Organize VISAI Project Competition with SDG Theme and Hackathons on Industry Problem Statements.*
- ★ *500 IoT projects to be completed, patented and take forward for publication or commercialization*
- ★ *Started a Quality Club in Collaboration with Indian Foundation for Quality Management (IFQM) and proposed to float courses and internships.*
- ★ *Deliver 30 credit courses with industry linkage.*

L DIND



Appendix-I Click here

RESOLVED, That the activities of the Office of the Industry Relations during the academic year and it's proposed activities for the AY 2026-27 be recorded.

66.13 To discuss and record the detailed analysis of Institution NIRF Ranking 2025 and the way forward for improvement.

A presentation on the analysis and way forward for improvement will be presented by the Dean (Quality Assurance), during the meeting, detailing the comprehensive analysis of gaps identified from previous NIRF Engineering Rankings and a time-bound strategy for improving parameter-wise scores by the institution in future editions will be presented during the meeting.

The Institution's NIRF rank has marginally declined. In response, the Institution has initiated structured and measurable improvement strategies focusing on key ranking parameters.

Prof. Rajat Gupta

Chancellor

The Institution is also strengthening resource linkages by engaging experts from IITs/NITs, improving research mentors-hip, and optimizing stipend release mechanisms based on research milestones. Additional visibility enhancement measures include increased presence in social media and academic networks, and targeted induction of new research scholars from January 2026. These initiatives are aligned to improve research productivity, academic reputation, graduate outcomes, and institutional perception, core metrics influencing NIRF ranking, reflecting the Institution's commitment to continuous ranking enhancement.

J. NIRF Ranking 2025



Appendix-J Click here

RESOLVED That the the detailed analytical report of Institution NIRF Ranking 2025 and the way forward for improvement submitted by the Quality Assurance Cell be approved and recorded.

66.14 To discuss and record the research activities and TBI start-ups ventures in the Research Park.

Research Activities

During the last one year, the University has demonstrated significant progress in research and innovation across 23 active research centres, with 29 full-time research scholars actively working in laboratories. Research output during 2025 includes 33 Q1 publications and 81 other publications across SCI, Scopus, books, and related platforms, resulting in 5,370 citations during the year. Cumulatively, the University has achieved 13,511 Scopus-indexed publications with 1,07,627 citations and 636 Q1 publications, and 5,008 Web of Science publications with 47,720 citations and 253 Q1 publications.

Innovation outcomes during the year include the development of 15 technologies, filing of 22 patents and grant of 4 patents, while overall patent performance stands at 159 patents filed and 7 patents granted. The University is currently executing 16 ongoing sponsored projects, has received 16 funded projects worth ₹2.33 crore, and submitted 48 research proposals. Consultancy activities have resulted in 27 projects generating ₹12.02 lakhs during the last year, with ₹5,33,406 reported during 2025.


Prof. Rajat Gupta
Vice Chancellor

Financial support received includes ₹9.00 lakhs of seed money and ₹5.11,587 towards RDF and travel support. Research infrastructure has been significantly strengthened over the last two years with the addition of 32 advanced research facilities at a total investment of ₹6.94 crore, including major equipment such as FESEM, XRD, bioreactor systems, battery laboratories, spectroscopy, advanced microscopy, hydrogen energy systems, and 3D printing facilities.

The To further enhance research performance, initiatives such as the Publication Acceleration Programme, Patent Enhancement Initiative, Patent-to-Grant Initiative under the EDII IVP Scheme, and structured monitoring of seed money and RDF have been implemented. As part of research incentives and capacity building, ₹48.03 lakhs of seed money and ₹50 lakhs of RDF have been sanctioned, while incentives processed include ₹71.9 lakhs for publications, ₹3.98 lakhs for funded projects, ₹0.46 lakhs for patents, and ₹7.28 lakhs for consultancy activities.

TBI start-ups ventures in the Research Park

The Technology Business Incubator (TBI) operating in the Research Park at Vel Tech, supported by the Department of Science and Technology (DST), Government of India, has been functioning since 2010 and is registered as a Society under the Tamil Nadu Societies Registration Act. Since its inception, the TBI has supported more than 430 startups by providing incubation space, industry linkages, mentoring, and financial support. During the year 2025 alone, 72 startups were supported. The incubator ecosystem is strengthened by engagement with 15 angel investors and venture capital firms and has a strong focus on inclusive entrepreneurship, with more than 45 women-led startups. To date, 217 startups have received funding support, while 226 startups are currently active, including 36 student-led startups and 24 faculty-led startups.

The innovation outcomes of the incubated ventures include the filing of 115 patents. Financially, the incubated startups have generated an income of ₹4.47 crore and have collectively raised ₹27 crore in external funding, demonstrating the growing impact and sustainability of the TBI-supported startup ecosystem within the Research Park.

The innovation outcomes of the incubated ventures include the filing of 115 patents. Financially, the incubated startups have generated an income of ₹4.47 crore and have collectively raised ₹27 crore in external funding, demonstrating the growing impact and sustainability of the TBI-supported startup ecosystem within the Research Park.

K. TBI - Research Park



[Appendix-K Click here](#)


Prof. Rajat Gupta
Vice-Chancellor

RESOLVED That the research activities and TBI start-ups ventures in the Research Park, be recorded.

66.15 To discuss and record the report based on the survey and Exit Interview Analysis along with faculty Retention policy.

Prof. E. Kannan presented the institutional initiatives aimed at reducing the frequent exit of faculty members. He also outlined the general reasons for faculty exit, which commonly include pursuit of higher education, family or personal commitments, career change, health concerns, relocation, better compensation, work-life balance needs, professional growth opportunities, and transition to government or industry roles

During his presentation, Prof. Kannan informed that an Exit Interview is conducted whenever a faculty member resigns. The interview panel, chaired by the Vice Chancellor, and comprising the Registrar, Dean, and the respective Head of Department, evaluates the reasons provided by the departing faculty member using a standardized questionnaire attached in the appendix.

Based on the Exit Survey analysis, it was noted that 81 faculty members had left the institution.

Based on the Exit Survey analysis, it was noted that 81 faculty members had left the institution, of which:

- * 27 left to pursue higher education in India or abroad*
- * 21 cited family or personal commitments,*
- * 20 opted for career change,*
- * 9 specified health reasons,*
- * 3 Maternity Leave*
- * 1 Left for Government job*

Prof. Kannan highlighted that the institution has been taking all possible measures to address faculty needs to the extent feasible. He further presented the Faculty Retention Policy, emphasizing key welfare provisions:

- * Leave benefits including Special Leave, Maternity Leave, and Medical Leave are provided as per institutional rules and statutory norms.
- * Welfare support such as transport facilities and staff quarters are extended subject to availability.
- * A monthly Mother Fund welfare scheme supports the mother of the respective faculty member through a contribution-based model.
- * Interest-free salary advance equivalent to one or two months' salary is provided under the Staff Welfare Fund when required.
- * Gratuity benefits are processed upon completion of five years of continuous service as per statutory provisions.
- * Faculty members are permitted to surrender Earned Leave for encashment from the upcoming academic year.

L. Faculty Retention Policy



Appendix-L Click here

RESOLVED That the Analytical report on the Faculty Exit Survey and the Faculty Retention Policy of the Institution presented, be approved and recorded.

66.16 To discuss and record the improvement and new strategic plan for placement training.

The Dean (Campus to Corporate) presented the new Strategic Placement Training Plan, structured to enhance both the quantity and quality of student placements, with the key focus areas detailed below. The training framework and modules are provided in the Appendix.

Proposed Improvement Strategy.

To Achieve Quantity:

- * Continuous semester-wise engagement using a 2-hours-per-day training model.
- * Structured coaching in Spoken English, Soft Skills, Aptitude Training, and Core Programming.
- * Large-scale, targeted training for 600+ students categorized under Dream and Super Dream placement tracks.

Sagunthala

To Achieve Quantity

- ★ Continuous semester-wise engagement using a 2-hours-per-day training model.
- ★ Improving the median salary package by 1.5 lakh per annum.
- ★ Advanced preparation for Marquee and Pinnacle companies, including solving 800+ curated programming problems.
- ★ Focused readiness programs for top-tier and high-impact recruiters.

Training Components (as indicated in the Appendix)

- ★ Spoken English: 5 hours per week per semester (equivalent to 200 hours cumulative training).
- ★ Soft Skills: 15 to 60 hours per semester, based on student assessment levels.
- ★ Core Competency Training: Domain-focused skill strengthening aligned with industry requirements.
- ★ Aptitude Skills: Logical reasoning, quantitative ability, and problem-solving modules.

The Chancellor recommended an additional weekly communication enhancement initiative, wherein students will deliver guest lectures on selected academic or industry topics, portraying themselves as faculty members. This will be conducted once a week, under the guidance and observation of the respective department faculty mentor, to improve public speaking, articulation, confidence, and communication effectiveness..

Dr. Suresh, Dean (International Relations), in response to the Chancellor's clarification, explained that the decline in international student admissions was primarily due to the discontinuation of government scholarships. Consequently, the Institution has been meeting the associated financial commitments independently. The Chancellor further enquired whether the Institution could consider fully sponsoring scholarships, without relying on government support. The Dean replied that a comprehensive global outreach and a strong scholarship promotion strategy should be widely advertised to attract a larger number of international students to the Institution.

M. Placement - New Strategic Plan



Appendix-M Click here

RESOLVED That the new strategic plan for placement training submitted by the School of Campus to Corporate be approved and recorded.

D. Items for Ratification

- 66.17 To consider and ratify the recommendations of the Faculty Selection Committee since the last EC meeting held on September 20, 2025.

Prof. E. Kannan presented the recommendations of the Faculty Selection Committee since the last EC meeting held on September 20, 2025, which is placed at the Appendix-N given below in the form clickable link and readable QR Code.

N. Faculty Selection Committee



[Appendix-N Click here](#)

- 66.18 To consider and ratify the phenomenal changes in the intake of students proposed for AICTE Extension of Approval (EoA) process for the Academic year 2026-27.

Prof. E. Kannan presented the phenomenal changes in the intake of students proposed for AICTE Extension of Approval (EoA) process for the Academic year 2026-27.

Table 3: UG - ENGINEERING PROGRAMMES - PROPOSED INTAKE FOR THE AY 2026-27

S.No.	Programme	Approved Intake as per AICTE including Supernumerary seats 2025-26	Proposed intake applied for Approval 2026-27	Supernumerary Seats (15% Additional to Intake)	Total Approval Intake for 2026-27	Remarks
1	AERONAUTICAL ENGINEERING	69	60	9	69	-
2	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	69	120	18	138	Proposed increase by 60 due to merging with (CSD)
3	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	69	0	0	0	Proposed Merger with CSE (AIML)

Prof. Rajat Gupta
Vice Chancellor

AGENDA AND MINUTES of the 66th EXECUTIVE COUNCIL MEETING on 27.12.2025.

21

Table 4: UG - ENGINEERING PROGRAMMES - PROPOSED INTAKE FOR THE AY 2026-27

S.No.	Programme	Approved Intake as per AICTE including Supernumerary seats 2025-26	Proposed intake applied for Approval 2026-27	Supernumerary Seats (15% Additional to Intake)	Total Approval Intake for 2026-27	Remarks
4	BIOMEDICAL ENGINEERING	69	60	9	69	-
5	BIOTECHNOLOGY	69	60	9	69	-
6	CIVIL ENGINEERING	35	30	5	35	-
7	COMPUTER SCIENCE & ENGINEERING	1518	1500	225	1725	Proposed increase by 180
8	COMPUTER SCIENCE AND DESIGN	69	0	0	0	Proposed Merger with (AIDS)
9	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	69	120	18	138	Proposed increase by 60 due to merging with (AIML)
10	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	69	60	9	69	-
11	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	69	60	9	69	Course name changed to AI
12	ELECTRICAL AND ELECTRONICS ENGINEERING	69	60	9	69	-
13	ELECTRONICS & COMMUNICATION ENGINEERING	552	600	90	690	Proposed increase by 120
14	INFORMATION TECHNOLOGY	69	120	18	138	Proposed increase by 60
15	MECHANICAL ENGINEERING	69	60	9	69	-
	TOTAL	2933	2910	437	3347	360


Prof. Rajat Gupta
 Vice Chancellor

Table 5: PG - ENGINEERING PROGRAMMES - PROPOSED INTAKE FOR THE AY 2026-27

S.No.	Programme	Approved Intake as per AICTE including Supernumerary seats 2025-26	Proposed intake applied for Approval 2026-27	Supernumerary Seats (15% Additional to Intake)	Total Approval Intake for 2026-27	Remarks
1	AERONAUTICAL ENGINEERING (UNMANNED AERIAL VEHICLE)	12	12	-	12	-
2	BIG DATA ANALYTICS	12	12	-	12	-
3	BIOTECHNOLOGY	12	18	-	18	Proposed increase by 6
4	COMPUTER SCIENCE AND ENGINEERING	12	18	-	18	Proposed increase by 6
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	12	12	-	12	-
6	ENVIRONMENTAL ENGINEERING	18	18	-	18	-
7	INDUSTRIAL SAFETY AND ENGINEERING	41	36	5	41	-
8	INFORMATION AND CYBER SECURITY	12	12	-	12	Course name changed to AIDS
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18	18	-	18	-
10	POWER ELECTRONICS	12	12	-	12	-
11	STRUCTURAL ENGINEERING	18	18	-	18	-
TOTAL		294	186	5	191	12


Prof. Rajat Gupta
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Chennai - 600 092, India

Table 6: Management Programme - UG & PG PROPOSED INTAKE FOR THE AY 2026-27

S.No.	Programme	Approved Intake as per AICTE including Supernumerary seats 2025-26	Proposed intake applied for Approval 2026-27	Supernumerary Seats (15% Additional to Intake)	Total Approval Intake for 2026-27	Increase of Intake
1	B.B.A	69	120	18	138	60
2	MASTER OF BUSINESS ADMINISTRATION	138	120	18	138	-
TOTAL		207	240	36	276	60

Table 7: Twinning and collaborative programmes

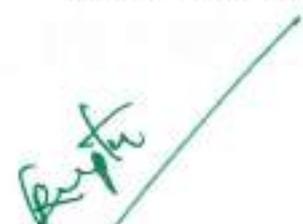
S.No.	Programme
1	BIOTECHNOLOGY
2	ELECTRONICS & COMMUNICATION ENGINEERING
3	COMPUTER SCIENCE & ENGINEERING
4	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE)
5	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
6	MASTER OF BUSINESS ADMINISTRATION

Apart from that the Institution has decided to have Academic Collaboration and Twinning programmes with the following partner foreign Institutions:

- * *Northeastern University, USA.*
- * *University of North Texas (UNT), USA.*
- * *INTI International University, Malaysia.*

The afore said programmes will be effective from the forthcoming subject to statutory and regulatory requirements.

RESOLVED That the phenomenal changes in the intake of students proposed for AICTE Extension of Approval (EoA) process for the Academic year 2026-27 be ratified.


Prof. Rajat Gupta
Vice-Chancellor

E. Items for Reporting

66.19 To report the status of Ph.D. Winter Semester admission of AY 2025-26.

The Dean (Research Studies) presented the status of Ph.D. Winter Semester admission of AY 2025-26. A copy of the status of Ph.D. Winter Semester admission of AY 2025-26 is placed at the Appendix-O given below in the form clickable link and readable QR Code.

O. Ph.D. Admission (WS2526)



Appendix-O Click here

RESOLVED That the Ph.D. Winter Semester admission of AY 2025-26 be recorded.

66.20 To report and record the status of the International & National rankings, awards received since the last EC meeting held on September 20, 2025.

The status of the International & National rankings, awards received since the last EC meeting will be presented by Dr. M. Rajeev Kumar, Professor & Dean (Quality Assurance), during the meeting.

International rankings received:

- * Times Higher Education (THE) World University Rankings 2026 - Band 1001-1200 out of 2191 ranked institutions worldwide.
- * Times Higher Education (THE) Interdisciplinary Science Rankings 2026 - Band 401-500 out of 911 ranked institutions worldwide.
- * QS Asia Rankings 2026 - Band 951-1000.
- * QS Southern Asia Rankings 2026 - 312th rank.

National Awards received:

- * "Excellence in Outcome-Based Education & New-Age Learning" at the 34th Elets World Education Summit
- * IEI Engineering Education Excellence Award 2025 for excellence in overall performance - Institution of Engineers (India) (IEI).


Prof. Rajat Gupta
Vice Chancellor



Appendix-P Click here

RESOLVED That the the International & National rankings, awards received since the last EC meeting be recorded.

- 66.21 To report and record the letters received from MHRD/ UGC/AICTE/ BCI/ Govt. of Tamil Nadu etc., and action taken thereof.

Prof. E. Kannan presented the details of the letters received from the MHRD/ UGC/AICTE/ BCI/ Govt. of Tamil Nadu etc., and action taken thereof as detailed below:

Table 8: Letters Received / Submitted from / sent to MHRD /UGC/AICTE/BCI

S.No.	From / To	Ref.No. and Date	Subject	Action taken
1.	Sent to the BDO, Villivakkam PU Chennai.	VT/R/Village Survey/25-26/020 dated 09.10.2025.	The Institute sought permission from the BDO to conduct a survey at 5 nearby villages to assess the immediate needs of the villagers under SDGs.	As per the approval of the BDO, the survey conducted on 11.10.25 in the five villages adopted by this Institution by the UBA to undertake and improve the Socio-Economic status of the villagers.
2.	Received from BCI.	BCI Circular 1347/2024/(LE/ (aApp/Afn)).	Compliance Report for Extension of Approval.	The Institution submitted the Compliance Report to the BCI for its further action.

RESOLVED That the letters received from the MHRD/ UGC/AICTE/ BCI/ Govt. of Tamil Nadu etc., and action taken thereof be recorded.

F. Concluding

- 66.22 Any other item with the permission of the Chairperson.

The Chancellor placed on record his appreciation for Prof. E. Kannan, Registrar of the Institution, on the occasion of his daughter's recent marriage. The event, attended by a large gathering from the Vel Tech community, reflected the strong rapport and goodwill Prof. Kannan has established with faculty and staff, fostering a sense of unity across the institution.

The Chancellor directed that the exceptional dedication and commitment of Prof. E. Kannan be formally recorded in the minutes. Prof. E. Kannan expressed his sincere gratitude for the appreciation.

RESOLVED That the appreciation of the Chancellor be recorded.

- 66.23 To consider and approve the date for holding the next EC meeting during the month of March 2026.

It has been decided that the next meeting of the EC March 2026.

Vote of Thanks.

Prof E Kannan delivered the vote of thanks. In his vote of thanks, he expressed his gratitude towards the Chancellor for being with the members right from the start till the end of the meeting. The suggestions and inputs of the hon'ble Chancellor would be taken into account in the interest and welfare of the University.

He thanked the external members who always give valuable inputs for the sustainable growth of the institution. He offered special thanks to Prof. S. P Thyagarajan for his guidance in shaping the IDP of the institution He thanked Prof. Mangaleswaran UGC member for his massive support and cooperation especially for attending the EC meetings regularly despite his tight academic schedule.

He thanked the internal members, technical staff, the staff of the Registrar's secretariat in particular for always extending marvellous support for conducting EC meetings successfully.

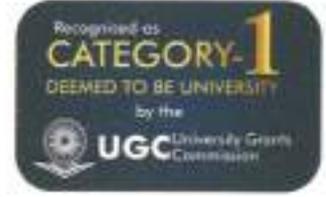
With the vote of thanks, the meeting came to a close.


Prof. Rajat Gupta
Vice Chancellor
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Approved by the University Council vide No. 1227, Date: 19/12/2025



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



Date:

Ref. No. VT/R/MN-EC/25-26/07-1

17.12.2025

To

The Members of the Executive Council
Vel Tech

Sir/Madam,

Sub: 66th Meeting of the Executive Council to be held on December 27, 2025
– Invitation – Reg.

I am, by direction, to inform that the Vice Chancellor is pleased to convene the 66th Meeting of the Executive Council on December 27, 2025 (SATURDAY).

The Executive Council Meeting will be conducted at the International Conference Hall of this Institution and it will commence at 10.30 a.m.

We shall be thankful, if you make it convenient to attend the Executive Council meeting, participate in the discussions, offer your valuable suggestions for arriving at decisions on different Agenda items to be placed at the meeting on that particular day.

Thanking you,

Yours sincerely,


REGISTRAR
Prof. Dr. E. Kannan
Registrar

Encl: Agenda of the 66th EC Meeting.


Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



**AGENDA & MINUTES OF THE 65th MEETING OF
EXECUTIVE COUNCIL
on 20.09.2025 at 04.00 p.m.
Online - Hybrid mode
Venue : International Conference Hall.**

A. Opening	
65.1	<i>To inform the board about the leave of absence of the members.</i>
65.2	<i>To record the notice convening the 65th meeting of the Executive Council (EC) scheduled on September 20, 2025.</i>
65.3	<i>To approve and record the minutes of the 63rd meeting of the EC held on June 28, 2025.</i>
65.4	<i>To report and record the agenda for the 65th meeting of the EC scheduled on September 20, 2025.</i>
65.5	<i>To discuss and approved the actions taken report based on the minutes of the 63rd meeting of the EC held on June 28, 2025.</i>
B. Items for Consideration and Approval	
65.6	<i>To consider and approve the results of the Ph.D. viva-voce examination conducted since the last EC meeting held on June 28, 2025.</i>
65.7	<i>To consider and approve the minutes of the 50th meeting of the Academic Council held on August 30, 2025.</i>
65.8	<i>To consider and approve the minutes of the 37th meeting of the Finance Committee held on September 13, 2025.</i>
C. Items for Discussions and Decisions	
65.9	<i>To discuss in detail the overall analysis of NIRF ranking awarded to the Institution for 2025 and for moving forward.</i>
65.10	<i>To discuss and approve strategies for strengthening faculty awareness of ethical publishing practices and fostering quality research outputs.</i>
65.11	<i>To consider and approve the proposal regarding the conduct of 15th Convocation.</i>

D. Items for Ratification	
65.12	<i>To consider and ratify the recommendations of the Faculty Selection Committee since the last EC meeting held on June 28, 2025.</i>
E. Items for Reporting	
65.13	<i>To report and record admission of students of various programmes in the Academic years 2025-26.</i>
65.14	<i>To report and record the approval of the Bar Council of India (BCI) regarding sanctioned intake of the students for different UG Law programmes for Academic year 2025-26.</i>
65.15	<i>To report and record the letters received from MHRD/ UGC/ AICTE/ BCI / DBT / Government of Tamil Nadu etc., and action taken thereof.</i>
F. Concluding	
65.16	<i>Any other item with the permission of the Chairperson.</i>
65.17	<i>To consider and approve the date for holding the next EC meeting during the month of December 2025.</i>
VOTE OF THANKS	

MEMBERS

1. Prof. Dr. Rajat Gupta,
Vice Chancellor,
Vel Tech. Chairperson

2. Dr.R.Sivaraman
Pro Vice-Chancellor,
Vel Tech. Member (Ex-Officio)

3. Dr. S. Raju,
Dean (Academics),
Department of Computer Science and Engineering
Vel Tech. Dean Nominee

4. Prof. Dr. S. P. Chockalingam,
Dean (School of Computing),
Department of Computer Science and Engineering
Vel Tech. Dean Nominee

5. Dr. R. Mangaleswaran,
Professor & Head
Department of Social Work,
Bharathidasan University
Tiruchirapalli. UGC Nominee

6. Dr. P. Chandrakumar,
Dean (R&D)
Department of Mechanical Engineering
Vel Tech. Professor Nominee

7. Dr. E. Ajitha,
Associate Professor,
School of Law
Vel Tech. Associate Professor Nominee

8. Dr. P. Vijayaraman,
Dean (Campus to Corporate)
Department of Computer Science and Engineering
Vel Tech. Assistant Professor Nominee

- | | |
|--|---------------------------|
| 9. Dr. (Mrs.) Rangarajan Mahalakshmi Kishore,
Chairperson and Managing Trustee.
Vel Tech. | Nominee (Sponsoring body) |
| 10. Prof. S. P.Thyagarajan,
Distinguished Professor & Advisor to Chancellor
Vellore Institute of Technology,
Chennai. | Nominee (Sponsoring body) |
| 11. Prof. B. S. Murty,
Director,
Indian Institute of Technology,
Hyderabad. | Nominee (Sponsoring body) |
| 12. Mr. Murali Vaidyanathan,
President,
Wheels India Limited,
Chennai. | Nominee (Sponsoring body) |
| 13. Dr. E. Kannan,
Registrar,
Vel Tech. | Secretary |

MINUTES

A. Opening

The Chairperson extended a warm welcome to all the members of the Executive Council. The highlights of the significant events / achievements pointed out by the chairperson in his welcome address are as follows:

1. NIRF India Rankings 2025 has been released on 04th September 2025:
 1. Engineering: 87th Rank out of 1584 institutions participated.
 2. University: Band 101-150.
 3. Overall: 151-200 Band out of 4045 institutions participated.
 4. Innovation: 11-50 Band out of 777 institutions participated.
2. The institution has been ranked 8th position among Private & Deemed Multi-Disciplinary Universities- South Zone in THE WEEK-Hansa research Survey 2025.
3. The National Board of Accreditation (NBA) Expert Team visited the Institution on 29th June 2025 to evaluate the Compliance Report of two undergraduate programs, Aeronautical Engineering and Mechanical Engineering. As a result, both the programs received the further accreditation of three years up to 30th June 2028.
4. Vel Tech has been ranked No. 8 among private and deemed multi-disciplinary universities – south zone in the prestigious The Week-Hansa Research survey 2025.
5. Centre for Bio-Artificial Intelligence (Bio-AI) launched on 2nd Jul 2025 to foster interdisciplinary and collaborative research.
6. Solar Power Generation Unit inaugurated on campus, promoting sustainability initiatives.
7. MoU signed between
 1. Languagecret, Ashok Leyland, Ennore.
 2. TWSIMA (Thirumullaivoyal Women Sidco Industrial Manufacturers Association).
 3. Dayananda Sagar College of Engineering (DSCE), Bengaluru.
 4. Strategic partnership with Crystal Delta Pty Ltd, Australia to support their SkillsMax.AI initiative using NVIDIA DGX-1 server.

Table 1: Publication Details

S.No.	Parameter	Till Last Meeting	As on date
1.	Scopus Publications	11,604	12,558
2.	Web of Science Publications	4,466	4,694
3.	Scopus h-index	125	125
4.	Web of Science h-index	78	80
5.	Scopus Citations	94,208	99,769

S.No.	Parameter	Till Last Meeting	As on date
6.	Web of Science Citations	40,904	43,752
7.	Ph.D. completed	359	379
8.	Patent(s)	As on date, 432 (375) filed in which 77 (74) were granted & 323 (283) were published.	
9.	Funded Project(s)	As on date, 128 projects worth Rs.72.30 Crore including International collaborations.	

65.1 To inform the board about the leave of absence of the members

All members were present for the Online Hybrid Meeting. Among the External Members, three participated virtually, while one attended in person. All Internal Members were in present.

RESOLVED to record the attendance and presence of all the members for the Executive Council Meeting held on September 20,2025.

65.2 To record the notice convening the 65th meeting of the Executive Council (EC) scheduled on September 20, 2025.

The meeting notice to all the members was sent sufficiently in advance and a copy of the meeting notice in the form of clickable link and readable QR code is placed in the Appendix A.

A. 65th EC Meeting Notice



RESOLVED that the Meeting Notice of the 65th meeting of the Executive Council (EC) scheduled on September 20, 2025, be approved.

65.3 To approve and record the minutes of the 63rd meeting of the EC held on June 28, 2025.

A copy of the draft minutes of the 63rd meeting of the EC held on June 28, 2025 was sent to all the members. The suggestions of the members were incorporated in the minutes and the corrected copy of the minutes is placed at the Appendix-B in the form

of clickable link and readable QR code for approval.

B. 63rd EC Meeting Minutes



RESOLVED that the minutes of the 63rd meeting of the EC held on June 28, 2025, be approved and recorded.

65.4 To report and record the agenda for the 65th meeting of the EC scheduled on September 20, 2025.

The Agenda of the 65th meeting of the Executive Council scheduled on September 20, 2025 is given in the page no.1 was placed before the EC for approval.

RESOLVED THAT Agenda of the 65th meeting of the Executive Council scheduled on September 20, 2025 be approved.

65.5 To discuss and approved the actions taken report based on the minutes of the 63rd meeting of the EC held on June 28, 2025.

Prof. E. Kannan presented the action taken report related to the minutes of the 63rd meeting of the EC meeting held on June 28, 2025 as detailed below:

Table 2: Action Taken reports based on 63rd meeting of the EC.

Item No.	Subject	Decision	Action Taken
63.6	To consider and approve the results of the Ph.D. viva-voce examination conducted since the last EC meeting held on March 29, 2025.	Prof. B.S. Murty, emphasized that faculty and research scholars must publish at least two papers, including one in a Q1-ranked journal, to align with national and global ranking norms.	The suggestion of the members is taken into consideration.
63.7	To consider and approve the minutes of the 49th meeting of the Academic Council Meeting held on May 24, 2025.	Prof. B.S. Murty suggested that the Dean (Academics) maintain a ready reference to effectively address queries from External Members or Inspection Teams regarding the progress of quality enhancement, as and when such information is required. Dr.R.Mangaleswaran concurred his view.	The suggestion of the members is accepted.

Item No.	Subject	Decision	Action Taken
63.7	To consider and approve the minutes of the 49th meeting of the Academic Council Meeting held on May 24, 2025.	Mr. Murali Vaidyanathan expressed his readiness to collaborate in framing modules or workshops that align with current industry expectations.	The member's willingness to extend support was gratefully acknowledged, and the Institution will utilize his guidance and assistance.
63.8	To consider and approve the minutes of the 26th meeting of the Internal Quality Assurance Cell Meeting held on June 14, 2025.	Prof. S.P. Thyagarajan recommended the adoption of an Institutional Research Acceleration System for a structured and sustained mechanism for enhancing the overall research ecosystem.	The member's suggestion is taken into consideration.
63.9	To consider and approve the minutes of the 36th meeting of the Finance Committee Meeting held on June 21, 2025.	Prof. S.P. Thyagarajan reiterated his suggestion to introduce endowments and Chair Professorships, as practised in leading universities.	Necessary steps will be taken to explore the feasibility of establishing Endowment Chairs.
63.10	To discuss and record the activities of the Office of International Relations during the current Academic year and its proposal activities for the ensuing academic year.	He recommended that international students be actively encouraged to participate in start-up initiatives and entrepreneurial ventures in the research park .of the Institution.	The suggestion of the member is taken into consideration.
63.11	To discuss and record the activities of the Office of Academic Research during the current Academic year and its proposal activities for the ensuing academic year.	Prof. S.P. Thyagarajan and Prof. B.S. Murty requested that Executive Council presentations be concise, analytical, and focused on key outcomes. Lengthy presentations should be avoided to save precious time.	The suggestion from members to deliver concise, well-structured notes that highlight specific academic innovations and improvements, rather than providing broad summary narratives, is noted and communicated to the presenters.

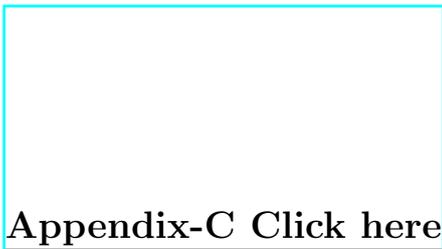
RESOLVED THAT the actions taken report based on the minutes of the 63rd meeting of the EC held on June 28, 2025, be approved and recorded.

B. Items for Consideration and Approval

65.6 To consider and approve the results of the Ph.D. viva-voce examination conducted since the last EC meeting held on June 28, 2025.

The Controller of Examinations presented the results data of the Ph.D. viva-voce examination conducted since the last EC meeting held on June 28, 2025 which is placed at the Appendix-C in the form of clickable link and readable QR code is given below:

C. Ph.D. viva-voce Results



Appendix-C Click here



***RESOLVED THAT** the results of the Ph.D. viva-voce examinations conducted since the last EC meeting held on June 28, 2025, be approved and recorded.*

65.7 To consider and approve the minutes of the 50th meeting of the Academic Council held on August 30, 2025.

The Dean (Academics) enlightened the significant discussions held and the decisions taken thereon at the Academic Council held on August 30, 2025.

A copy of the Minutes of the Academic Council in the form of clickable link and readable QR code is placed at the Appendix-D given below.



Appendix-D Click here

D. 50th ACM Minutes



Mr. Murali Vidyanathan, External Member, highlighted that Industry 4.0, also known as the Fourth Industrial Revolution, represents a paradigm shift in manufacturing, merging physical production with intelligent digital platforms for highly automated, efficient, and responsive operations.

He suggested that a dedicated course on Industry 4.0 be considered in the curriculum to equip students with skills aligned with evolving industrial demands.

Prof. Chandrakumar, Dean (R&D), replied that the conceptual framework of Industry 4.0 is already integrated into advanced industrial learning programmes.

Mr. Vidyanathan emphasized that Industry 4.0 should be offered as a full-fledged course specifically for Engineering programmes, a proposal seconded by Prof. Mangaleswaran.

Prof.B.S.Murty added that, considering the relevance of manufacturing, courses such as Six Sigma would also be highly beneficial. He suggested exploring the introduction of such advanced learning modules.

The Chairperson and Vice Chancellor highlighted that Industry Experts have been inducted into each Board of Studies to enhance curriculum relevance and quality. Dr.R.Mangaleswaran recommended replacing the term “Training and Development” with “Learning and Development”.

RESOLVED THAT the minutes of the 50th Academic Council Meeting held on August 30, 2025, be approved and recorded.

65.8 To consider and approve the minutes of the 37th meeting of the Finance Committee held on September 13, 2025.

The Finance Officer presented in detail the important discussions held and decisions taken thereon at the 37th meeting of the Finance Committee held on September 13, 2025.

A copy of the Minutes of the 37th meeting of the Finance Committee held on September 13, 2025 in the form of clickable link and readable QR code is placed in Appendix-E.



Mr. Murali Vaidyanathan suggested including the percentage of funds allocated and utilized specifically for capability development, in addition to routine expenditure reporting.

RESOLVED THAT the minutes of the 37th Finance Committee Meeting held on September 13, 2025, be approved and record.

C. Items for Discussions and Decisions

65.9 To discuss in detail the overall analysis of NIRF ranking awarded to the Institution for 2025 and for moving forward.

The National Institutional Ranking Framework (NIRF) India Rankings 2025 were released on September 04, 2025. The institution has been ranked 87th position in ‘Engineering’ Category, consistently remaining in the Top 100 since 2017. In addition, the institution has been ranked in the Band 101-150 in ‘University’ Category, Band 151-200 in ‘Overall’ Category and Band 11-50 in ‘Innovation’ Category.

The National Institutional Ranking Framework (NIRF) India Rankings 2025 were released on September 04, 2025. The institution has been ranked in the following categories:

- *87th position in ‘Engineering’ Category, consistently remaining in the Top 100 since 2017.*
- *Band 101-150 in ‘University’ Category.*
- *Band 151-200 in ‘Overall’ Category.*
- *Band 11-50 in ‘Innovation’ Category.*

Prof.B.S.Murty opined that this item warrants a dedicated discussion in a separate meeting. Mr. Murali Vaidyanathan also stressed the importance of a detailed deliberation.

RESOLVED THAT *a comprehensive discussion on the NIRF ranking for 2025, along with strategic considerations for improvement, be scheduled for the next meeting as a separate dedicated session.*

65.10 To discuss and approve strategies for strengthening faculty awareness of ethical publishing practices and fostering quality research outputs.

Dr. P. Chandrakumar, Dean (R&D) presented an analytical report on the Ethical Publication System, highlighting initiatives in plagiarism prevention, authorship transparency, risk mitigation, and total quality analysis in the form of clickable link and readable QR code in the Appendix-F.



F. Publication System Analytical Report



Prof. S.P. Thyagarajan observed that the proportion of publications in Q1 journals currently stands at less than 40%, which is not an encouraging indicator of research quality and visibility. He emphasised that the Institution must demonstrate concrete efforts to improve this metric and inquired about the specific measures being undertaken in this regard.

He further stressed the importance of presenting a detailed report on Q1 journal publications before each Executive Council, so that progress can be assessed systematically.

Prof. S.P. Thyagarajan also drew attention to the area of patents. He underscored the need not only for securing patents but also for ensuring their commercial viability. He asked how many patents have been successfully marketed through technology transfer and suggested exploring effective strategies to enhance patent commercialisation. He highlighted that this could become a substantial source of revenue generation for the Institution if approached in a focused manner.

In addition, he inquired about the activities of the Research Park at Vel Tech, including industrial collaborations, start-ups incubated, commercialisation of patents, and other innovation-linked initiatives.

Responding to these observations, Prof. Chandrakumar, Dean (R&D), assured the Council that he would present a detailed report in the next meeting covering Research Park activities, Technology Business Incubation (TBI), and the initiatives of the Centre of Excellence.

Prof.B.S.Murty stressed the importance of interdisciplinary research in addressing complex, real-world challenges. He proposed the establishment of a dedicated center to coordinate interdisciplinary activities, facilitate structured mentorship, and foster cross-disciplinary collaboration.

Prof.B.S.Murty stressed the importance of interdisciplinary research in addressing complex, real-world challenges. He proposed the establishment of a dedicated center to coordinate interdisciplinary activities, facilitate structured mentorship, and foster cross-disciplinary collaboration. He further noted that student motivation can be significantly enhanced by providing , scholarships, lab access, and associated workshops.

Prof. S.P. Thyagarajan recommended that the outcomes and activities of the Research Park hubs be summarised in a structured format and presented before the next Executive Council meeting.

RESOLVED THAT strategies for strengthening faculty awareness on ethical publishing and fostering quality research outputs be approved and recorded.

FURTHER RESOLVED THAT activities in the Research Park hubs be compiled, summarised, and presented at the ensuing Executive Council meeting.

65.11 To consider and approve the proposal regarding the conduct of 15th Convocation.

The 15th Convocation of our esteemed Institution is proposed to be conducted over two days, on 29th and 30th November 2025. On this proud occasion, graduands of various programmes will receive their degrees, along with the recognition of Medalists and Rank Holders.

There will be approximately 2991 graduands from UG, PG programmes and Ph.D. Scholars.

65.11.1 Chief Guest – Day 1

We are honoured to announce that Dr. V. Narayanan, Chairman, Indian Space Research Organisation (ISRO), renowned Indian rocket propulsion expert and aerospace engineer, has graciously consented to be the Chief Guest for the First Day of the Convocation.

On this day, the Institution will have the privilege of conferring upon him the Honorary Degree of Doctor of Science (Honoris Causa). The detailed biography of Dr. V. Narayanan, Chairman – ISRO, is enclosed separately for the consideration and approval of the Executive Council.



G. Chief Guest – Day 1



65.11.2 Chief Guest – Day 2

The Chief Guest for the Second Day Convocation will be announced shortly, upon confirmation and ratification by the Executive Council.

The Chairperson and the Vice Chancellor announced that the Institution is constructing a new Convocation Hall with the generous support of the Respected Chairperson and Managing Trustee. He further informed the Council that the Pro-Vice Chancellor is diligently overseeing the work and making every effort to ensure its completion ahead of the Annual Convocation scheduled for November 2025.

RESOLVED THAT *the proposal for the 15th Convocation be approved.*

D. Items for Ratification

65.12 To consider and ratify the recommendations of the Faculty Selection Committee since the last EC meeting held on June 28, 2025.

Prof. E. Kannan presented the recommendations of the Faculty Selection Committee since the last EC meeting held on June 28, 2025, in the form of clickable link and readable QR code is placed at the Appendix-H.

H. Faculty Selection Committee

[Appendix-H Click here](#)



In response to the query raised by the External Member, Prof. E. Kannan informed that, except for a few newly recruited faculty members, specifically 9 in Engineering and 5 in Law and Commerce, all others hold Ph.D. qualifications.

Prof. Mangaleswaran further pointed out that, about Law and Commerce, faculty members possessing SLET, NET, or Ph.D. qualifications may be considered eligible for recruitment.

Prof. S.P. Thyagarajan expressed his concern regarding the frequent recruitment of faculty members, which has been repeatedly reported at every Executive Council meeting. He remarked that this trend is not encouraging for the stability of the Institution. He inquired whether the Institution has a mechanism for conducting Faculty Exit Interviews, pointing out that only through such structured feedback can the real reasons for faculty attrition be understood. He emphasized that grievances, if any, must be addressed promptly and effectively.

He further requested that a comprehensive report based on the survey and exit interview analysis, along with the proposed Faculty Retention Policy and initiatives, be prepared and submitted to the Executive Council for discussion at its next meeting.

RESOLVED THAT ratify the recommendations of the Faculty Selection Committee since the last EC meeting.

FURTHER RESOLVED that the details of Faculty Retention Policy and Faculty Retention initiative taken by the institution be placed before the ensuing meeting for discussion.

E. Items for Reporting

65.13 To report and record admission of students of various programmes in the Academic years 2025-26.

Prof. E. Kannan presented the particular of student admission to different Under Graduate and Post Graduate programmes of this Institution during the Academic Year 2025-26 as detailed below:

STUDENT ADMITTED FOR THE ACADEMIC YEAR 2025-26

Table 3: UNDER GRADUATE - ENGINEERING PROGRAMMES

S.No.	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted count
1	AERONAUTICAL ENGINEERING	60	9	69	69
2	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60	9	69	69
3	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60	9	69	68
4	BIOMEDICAL ENGINEERING	60	9	69	64
5	BIOTECHNOLOGY	60	9	69	69
6	CIVIL ENGINEERING	30	5	35	12
7	COMPUTER SCIENCE & ENGINEERING	1320	198	1518	1398
8	COMPUTER SCIENCE AND DESIGN	60	9	69	67
9	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	60	9	69	69
10	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	60	9	69	47
11	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	60	9	69	41
12	ELECTRICAL AND ELECTRONICS ENGINEERING	60	9	69	52
13	ELECTRONICS & COMMUNICATION ENGINEERING	480	72	552	552
14	INFORMATION TECHNOLOGY	60	9	69	69
15	MECHANICAL ENGINEERING	60	9	69	69
TOTAL		2550	383	2933	2715

Table 4: POST GRADUATE - PROGRAMMES

S.No.	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted count
1	AERONAUTICAL ENGINEERING (UNMANNED AERIAL VEHICLE)	12	-	12	6
2	BIG DATA ANALYTICS	12	-	12	12

S.No.	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted count
3	BIOTECHNOLOGY	12	-	12	12
4	COMPUTER SCIENCE AND ENGINEERING	12	-	12	12
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	12	-	12	9
6	ENVIRONMENTAL ENGINEERING	18	-	18	4
7	INDUSTRIAL SAFETY AND ENGINEERING	36	5	41	30
8	INFORMATION AND CYBER SECURITY	12	-	12	10
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18	-	18	18
10	POWER ELECTRONICS	12	-	12	9
11	STRUCTURAL ENGINEERING	18	-	18	15
12	MASTER OF BUSINESS ADMINISTRATION	120	18	138	134
TOTAL		294	23	317	271

Table 5: UNDER GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No.	Programme	Approved Intake	Supernumerary Seats (15% Additional to Intake)	Total Admitted Count
1	B.Com.	480	-	480
2	B.B.A	60	9	69
3	B.SC VISUAL COMMUNICATION	30	-	30
4	B.SC MULTIMEDIA	30	-	30
5	B.A. L.L.B (Hons.)	120	-	120
6	B.Com. L.L.B (Hons.)	120	-	119
TOTAL		840	9	848

Table 6: POST GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No.	Programme	Approved Intake	Total Admitted Count
1	M.A., English	30	6
2	M.Sc., Mathematics	30	8
3	M.Sc., Physics	30	10
4	M.Sc., Chemistry	30	30
5	M.Sc., Data Analytics	30	30
TOTAL		150	84

RESOLVED THAT the admission of students for various programmes in 2025-26 be approved and recorded.

65.14 To report and record the approval of the Bar Council of India (BCI) regarding sanctioned intake of the students for different UG Law programmes for Academic year 2025-26.

It is submitted that the Institution had sought Extension of Approval from the Bar Council of India (BCI) for an intake of 120 students for each UG Law Programme in view of the increased demand from the academic year 2025-26.

The sanction has been granted specifically for the academic year 2025-26, as per the letter received from the BCI (Ref. No. D 192/2025 / (LE/App/Affin) dated 02.08.2025), placed at the Appendix-I .



I. BCI sanctioned intake



It is therefore submitted for orders regarding the intake of Law students from the academic year 2025-26 according to the BCI guidelines.

RESOLVED THAT the Bar Council of India (BCI) approval for sanctioned intake of students for UG Law programmes for 2025-26 be recorded.

65.15 To report and record the letters received from MHRD/ UGC/AICTE/ BCI/ Govt. of Tamil Nadu etc., and action taken thereof.

Prof. E. Kannan presented the details of the letters received from the MHRD/ UGC/AICTE/ BCI/ Govt. of Tamil Nadu etc., and action taken thereof as detailed below:

Table 7: Letters Received / Submitted from / sent to MHRD /UGC/AICTE/BCI

S.No.	From / To	Ref.No. and Date of receipt	Subject	Action taken
1.	Sent to the Asst. Director of Statistics, District Statistical Office, Tiruvallur	810/MPK/2025 dated 25/06.2025.	The DSO office called for the details of the Degree programmes conducted by this Institution for inclusion in the District Statistical Handbook.	The details were sent on 11.09.2025.

S.No.	From / To	Ref.No. and Date of receipt	Subject	Action taken
2.	From the Government of Tamil Nadu	Mail dated on 03.09.2025.	The Government of Tamil Nadu created a online portal called UMIS to include all the students studying in HEIs in Tamil Nadu and the program offered by the respective Institutions especially for consideration of scholarships offered by the Government.	The Nodal Officers of this Institution attached the Special online meeting on 04.09.2025. The meeting was chaired by the Joint CEo TNeGA.

RESOLVED to ratify and record the letters received from MHRD /UGC /AICTE /BCI/ DBT / Government of Tamil Nadu, and action taken thereof be approved.

F. Concluding

65.16 Any other item with the permission of the Chairperson.

The Chairperson and the Vice Chancellor informed the Executive Council that the NBA inspection team will be visiting the Institution in connection with the conferment of NBA accreditation for the Departments of Civil Engineering, Electronics and Communication Engineering, Computer Science and Engineering, and Biomedical Engineering. He further reported that intensive preparatory activities have already been initiated, including the conduct of mock sessions with the support of external experts to ensure thorough readiness. He expressed confidence that, with the blessings and support of the Executive Council and the statutory bodies, the Institution would successfully achieve this milestone.

65.17 To consider and approve the date for holding the next EC meeting during the month of December 2025.

It was decided to hold the next Executive Council meeting on any day during the last week of December 2025.

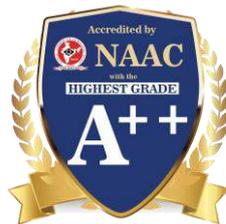
Vote of Thanks.

Prof.E.Kannan expressed his gratitude to all the External Members for attending the Executive Council meeting and for providing their valuable suggestions and inputs on the agenda items.

He informed the Council that a separate meeting would be convened exclusively for the analysis of the NIRF Ranking or the matter could be placed in the forthcoming EC meeting with adequate time allocated for deliberation on this agenda.

With the permission of the Chairperson, and as suggested by Prof. S.P. Thyagarajan, detailed reports on the activities of the Research Park hubs and the Faculty Retention Survey analysis will be included in the agenda of the forthcoming Executive Council meeting.

In his vote of thanks, Prof.E.Kannan also expressed appreciation to all the Internal Members and the staff for their efforts in ensuring the smooth and successful conduct of the Executive Council meeting.



Ph.D. Viva Voce Completed – Status – since last ECM (20.09.2025)

Part Time Research Scholars		Full Time Research Scholars	Total Research Scholars since Last ECM
Internal	External		
03	21	17	41

Ph.D. Research Scholars – Publication Details

No. of Scopus indexed Research Articles	No. of SCI/ESCI/WoS indexed Research Articles	UGC Care Research Articles	ABDC Research Articles	Others	Total No. of Papers Published	Patents
60	56	16	4	16	152	7 (All Published)

Total Number of Q1 Journals Published -- 21 Research Articles

Total Number of Q2 Journals Published -- 31 Research Articles

Department	No. of Scholars	PT – E	PT - I	FT
Aeronautical Engineering	1		1	
Automobile Engineering	2	1		1
Biotechnology	2			2
Civil Engineering	4			4
Computer Science & Engineering	7	5	2	
Electrical and Electronics Engineering	1	1		
Electronics and Communication Engineering	11	7		4
English	3			3
Management Studies	2	2		
Mathematics	4	2		2
Mechanical Engineering	1	1		
Law	3	2		1
TOTAL	41	21	3	17

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
1	Ali Younes Ebrahim / 20RECV1016	22.09.2025	Dr. Kandasamy S	<i>Experimental Studies on the Synergistic Effect of Multi-Walled Carbon Nanotubes and Glass Fibers on the Mechanical and Durability Properties of Concrete</i>	Dr. Amin Chegenizadeh Associate Professor, Department of Civil Engineering, Curtin University, Perth, Australia - 6102. Contact Number: 0892662491 Email Id.: amin.chegenizadeh@curtin.edu.au	Dr. G. Vijayakumar Professor, Department of Civil Engineering, Puducherry Technological University, Pillachavadi, Puducherry. Contact Number: 9488931776 Email Id.: gvk@ptuniv.edu.in	1 (Q2 - 1)	1 (Q2 - 1)	-	2	-	1. Ebrahim, A., Kandasamy, S., Isleem, H.F., Khan, A.H., Prasad, C., Mohammed, A.S. and Alyaseen, A. (2024) 'Synergistic effects of combined multi-walled carbon nanotubes and glass fibers on concrete: Experimental and economic analysis', Fullerenes, Nanotubes and Carbon Nanostructures, pp. 1–17. https://doi.org/10.1080/1536383X.2024.2445668 . 2. Ebrahim, A. and Kandasamy, S. (2023) 'The effect of using multi-walled carbon nanotubes on the mechanical properties of concrete: A review', Innovative Infrastructure Solutions, 8(9), p. 251. https://doi.org/10.1007/s41062-023-01219-1 .
2	Parthiban Aravamudhan / 20REEC1003	29.09.2025	Dr. T. Kanimozhi	<i>Development of Integrated Metaheuristic and Learning Algorithm Strategies for Intrusion Detection and Prevention System</i>	Dr. Joy long-Zong Chen Professor, Department of Communication Engineering, Da-Yeh University, No. 168, University Rd., Dacun, Changhua, Taiwan 51501. Contact Number: 0963213063 Email Id.: jchen@mail.dyu.edu.tw	Dr. Ashraf Hossain, Associate Professor, Department of ECE, National Institute of Technology (NIT) Silchar, Assam 788010. Contact Number: 9706259112 Email Id.: ashraf@ece.nits.ac.in	1 (Q4 - 1)	1 (Q1 - 1)	-	2	-	1. Aravamudhan P. and Kanimozhi T. (2023), A novel adaptive network intrusion detection system for internet of things. PLOS One, Vol. 18, No. 4, p.e0283725. https://doi.org/10.1371/journal.pone.0283725 Parthiban 2. Aravamudhan and Kanimozhi T. (2024), A Novel Adaptive Network Intrusion Prevention System for Internet of Things. Journal of Theoretical and Applied Information Technology, Vol.102, Issue No.15, pp. 5939-5962.

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
3	Ravichandra BS / 17RMBM1003	10.10.2025	Dr. Geeta Kesavaraj	<i>Influence of Apparel Retail Stores Attributes on Loyalty in Relationship with Buying Behaviour</i>	Dr. Iiris Aaltio, Professor, JSBE School of Business and Economics, University of Jyväskylä, Finland.	Dr. Jahangir Professor Department of Business Management Osmania University Hyderabad - 500 007 Contact Number: 9440743470 Email Id.: jahangir.yjms3@gmail.com	-	-	ABDC - 2	2	-	1. Ravichandra, B.S. and Kesavaraj, G., (2023). Factors Influencing Retail Consumers' Decision to Purchase Environmentally Friendly Apparel. <i>European Economic Letters (EEL)</i> , Vol 13 (3), pp.1679-1686. Ravichandra, B.S. and Kesavaraj, G., (2023). 2. Investigating The Intervening Role of E-Satisfaction in The Formation of E-Loyalty Among Online Apparel Shoppers. <i>Journal of Informatics Education and Research</i> , Vol 3 (2).
4	Kavitha V K / 20RECS1034	10.10.2025	Dr. Sankar M	<i>A Deep Neural Network based Collaborative Book Recommendation System using Weighted Alternating Least Squares Method</i>	Dr. Basim Mohammad Fadel Alhadidi Professor, Department of Computer Information Systems, Albalqa Applied University, Salt, Jordan 19117. Contact Number: +96277-5432241 Email Id.: hadidi72@hotmail.com	Dr. Mrinal Kandi Deb Professor, Department of Computer Science and Engineering, NIT Agartala, Tirupura 799046 Contact Number: 8974253353 Email Id.: mrinal@nita.ac.in	2 (Q3 -1, Q4 - 1)	-	-	2	-	1 Kavitha V K, Sankar Murugesan. (2024), "An Effective Book Recommendation System using Weighted Alternating Least Squares (WALS) Approach", <i>Science and Information Organization - International Journal of Advanced Computer Science and Applications</i> (Scopus Indexed), Vol. 15, Issue 4, 1949-1967. 2. Kavitha V K, Sankar Murugesan. (2024), "Enhancing Book Recommendation Systems: A Deep Dive into Weighted Alternating Least Squares (WALS) and Neural Collaborative Filtering (NCF) with Feature Optimization", <i>ISSRG- International Journal of Electronics and Communication Engineering</i> , (Scopus Indexed). Vol 11 Issue 10, 43-57.

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
5	Arunraj R / 20REAU1008	15.10.2025	Dr. Amala Justus Selvam	<i>Investigating the Synergistic Effects of Algae Biodiesel Blends, Nano Additives and Engine Parameters on Performance, Emission and Combustion Characteristics of a VCR Engine</i>	Dr. Sajal Chandra Banik Professor, Department of Mechanical Engineering, Chittagong University of Engineering & Technology, Chattogram - 4349, Bangladesh. Contact Number: 1821781459. Email Id.: baniksajal@cuet.ac.bd	Dr. Jawahar Paulraj Associate Professor, Department of Mechanical Engineering, National Institute of Technology, NIT Agartala, Barjala, Jirania, Agartala 799046, Tripura. Contact Number: 8754849740 Email Id.: dr.p.jawahar@gmail.com	3 (Q4 - 3)	1 (Q3 - 1)	-	4	-	<ol style="list-style-type: none"> 1. Amala Justus Selvam M, Arunraj R, Inbamalar T.M, Kannagi V, Padmanabhan S, "Exploration of Performance and Emission Characteristics of Soybean Biodiesel Blends on CI Engine", AIP Proceedings, pp 2492, 050006, March 2023. (Scopus). 2. Arunraj R, Amala Justus Selvam M, Asit Mohanty, Anteneh Mohammed Tahir, "Innovative Solutions for Clean Transportation: Variable Compression Ratio Engine Performance using Algae Biodiesel", Malaysian Journal of Chemistry, vol 26 (3), pp 180, February 2024. (Scopus). 3. Arunraj R, Amala Justus Selvam M, "An Experimental Study on Algae Biodiesel with Nano additives for Engine Performance and Emission Reduction", Journal of Environmental Nanotechnology, 13 (3), pp 361, September 2024. (Scopus). 4. Arunraj R, Amala Justus Selvam M, "Effects of Nozzle Geometry, Compression Ratio and Cerium Oxide Nanoparticles on Algae Biodiesel Performance in a VCR Diesel Engine with Hydrogen Addition", Journal of Nanomaterials, Nanoengineering and Nanosystems, JNN 24-0105, Impact Factor 4.2, November 2024. (Web of Science & Scopus)

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Pate nts	List of Publications
6	Priyadarshini S / 20RHEG1011	16.10.2025	Dr. P. Revathi	<i>Gynocentric Magical Realism: Weaving Cultural Tapestries, Food and Self-Savouring in Sarah Addison Allen's Enchanted Narratives</i>	Dr. Najma Al Zidjaly Associate Professor, Department of English Language and Literature, Sultan Qaboos University, Oman, Extension: 3274 Office No. 1212 Contact Number: 703 6222723 (USA) 96899819097 (Oman) Email Id.: najmaz@gmail.com	Dr. Deepti Gupta Professor, Department of English and Cultural Studies, Panjab University Chandigarh 160014. Contact Number: 9815602090 Email Id.: deepti.elt@gmail.com	2 (Q1 - 1, Q2 - 1)	1	UGC Care - 3 Others - 3	9	-	Priyadarshini, S., Bindu, M.R., Kiradoo, G., Nanthitha, K. and Subhashini, R., 2024a. Unveiling Cultural Identities and Self-Savouring in Preethi Nair's One Hundred Shades of White and Sarah Addison Allen's The Girl Who Chased the Moon. World Journal of English Language 14, pp. 399–405. Priyadarshini, S., Bindu, M.R., Sumathy, M. and Dorathy, A.A., 2024b. Gastronomic Identities: The Role of Food in Cultural Belonging. Journal of Ecohumanism 3, pp. 3809–3815. Priyadarshini, S. and Bindu, M.R., 2023. Mystical Realities in Sarah Addison Allen's Select Novel, Convergence of Language and Literary Analysis. L Ordine Nuovo Publication, pp. 203–206. Priyadarshini, S. and Bindu, M.R., 2022a. Bildungsroman and Nostalgia: A Thematic Reading of Srishti Chaudhary's Lallan Sweets. Journal of the Oriental Institute 71, pp. 109–112. Priyadarshini, S. and Bindu, M.R., 2022b. An Exploration of Thakazhi Sivasankara Pillai's Chemmeen in the Light of Awakening of Cultural Understanding and Food Provider. Bodhi International Journal of Research in Humanities, Arts and Science 7, pp. 112–116. Priyadarshini, S. and Bindu, M.R., 2022c. Bhabani Bhattacharya's A Goddess Named

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
												Gold: An Artistic Representation of Women. Literary Herald: An International Refereed/Peer-reviewed English e Journal 8, pp. 170–174. Priyadarshini, S. and Bindu, M.R., 2022d. Food and Gender: The Circuit of Culture as a Generative Tool of Contemporary Analysis. Literary Voice 19, pp. 228–235. Priyadarshini, S. and Bindu, M.R., 2021a. Fabulism and an Intricate Blending of all three worlds: A Study of Nagamandala by Girish Karnad. Kanpur Philosophers 8, pp. 107–110. Priyadarshini, S. and Bindu, M.R., 2021b. A Ubiquitous Power of Memory and Trauma through Magical Realism in Before the Coffee Gets Cold by Toshikazu Kawaguchi. Working Papers on Linguistics and Literature 15, pp. 450–456.
7	K. Chaitanya / 20RECS1019	17.10.2025	Dr. Dhanabalan G	<i>Enhanced Quality of Service Mechanisms in Wireless Sensor Network for Secure Data Transmission</i>	Dr. Yiu-Wing Leung, Professor, Department of CSE, Hong Kong Baptist University, Kowloon Tong, Hongkong. Contact Number: +85234117892 Email Id.: ywleung@comp.hkbu.edu.hk	Dr. S. Nickolas Professor, Department of Computer Applications, National Institute of Technology, Tanjore Main Road, NH 67, Near BHEI, Thiruchirappalli 620015, TamilNadu. Contact Number: 9486001131 Email Id.: nickolas@nitt.edu	2 (Q3 - 1)	-	-	2	-	1. Chaitanya, K. and Dhanabalan, G., 2023. Secure Route Detection with Multi Level Trust Evaluation Model Using Replicated Auditor Node for Extended Packet Delivery Rate in WSN. Revue d'Intelligence Artificielle, 37(4), p.871. 2. Chaitanya, K. and Dhanabalan, G., 2024. Precise Node Authentication using Dynamic Session Key Set and Node Pattern Analysis for Malicious Node Detection in Wireless Sensor Networks. IJCESEN, 10(4).

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
8	Bramila M / 20RHMA1001	22.10.2025	Dr. Meenakshi A	<i>A Study on Certain Topological Indices and Dominating Energy of Graphs</i>	Dr. Kinkar Chandra Das Professor, Department of Mathematics, Sungkyunkwan University, Suwon 16419, Republic of Korea. Contact Number: +82-31-299-4528. Email Id.: kinkardas2003@googlemail.com	Dr. Joseph Varghese Kureethara Professor, Department of Mathematics, Christ University, Bangalore, Karnataka. Contact Number: 9341094110 Email Id.: frjoseph@christuniversity	-	2(Q1 - 1,Q2 - 1)	-	2	-	1. Meenakshi, A. and Bramila, M., Hosoya polynomial and wiener index of Abid-Waheed graph AWA 8 and AWA 10. Journal of Intelligent & Fuzzy Systems, (Preprint), pp.1-8. 2. Meenakshi, A., Bramila, M., Joshi, A., Kannan, A., Karthik, K., 2024. A Note on Wiener and Hyper-Wiener Indices of Abid-Waheed Graph. Contemporary Mathematics.pp.3215-3238.
9	Manikandan S / 22RHMA2005	24.10.2025	Dr. T. Gunasekar	<i>Mathematical Modeling of Infectious Diseases using Fractal-Fractional Analysis</i>	Dr. Hugo Leiva Professor, Department of Mathematics, School of Mathematics, Yachay Tech University, Ecuador, Ibarra, Ecuador. Contact Number: +593995576383 Email Id.: hleivatoka@gmail.com	Dr. Sunil Kumar Associate Professor, Department of Mathematics, National Institute of Technology Jamshedpur, Jharkhand 831014 Contact Number: 7870102516 Email Id.: skumar.math@nitjsr.ac.in	-	4 (Q1 -4)	-	4	-	1. Gunasekar, T., Manikandan, S., Govindan, V.D., Ahmad, P., Emam, J. and Al-Shbeil, W., 2023. Symmetry analyses of epidemiological model for monkeypox virus with Atangana–Baleanu fractional derivative. Symmetry, (Q1 - SCIE – WoS – Scopus). 2 Manikandan, S., Gunasekar, T., Kouidere, A., Venkatesan, K.A., Shah, K. and Abdeljawad, T., 2024. Mathematical modelling of HIV/AIDS treatment using Caputo–Fabrizio fractional differential systems. Qualitative Theory of Dynamical Systems, 23(149), pp.1–29. (Q1 - SCIE – WoS – Scopus). 3 Gunasekar, T., Manikandan, S., Suba, M., and Akgül, A., 2024. Fractal-fractional mathematical model for COVID-19 and tuberculosis using Atangana–Baleanu derivative. Mathematical and Computer Modelling of Dynamical Systems, 30(1),pp.857–881. (Q1 - SCIE – WoS – Scopus). 4 Gunasekar, T., Manikandan, S., Haque, S., Suba, M. and Mlaiki, N., 2025. Fractal-fractional mathematical modeling of monkeypox disease and analysis of its Ulam–Hyers stability. Boundary Value Problems, 2025(1), p.20. (Q1 - SCIE – WoS – Scopus).

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
10	Rajesh A / 19REEC1005	24.10.2025	Dr. Kanmani Ruby E.D.	<i>Design and Development of Adaptive Deep Learning-Driven Framework for Optimizing QoS Performance and Security in Wireless Sensor Networks</i>	Dr. George Ghinea Professor, Department of Computer Science, Brunel University, Kingston Lane Uxbridge, Middlesex UB8 3PH, London. Contact Number: 1895266033 Email Id.: george.ghinea@brunel.ac.uk	Dr. S. Varadarajan Professor, Department of Electronics & Communication Engineering, S V University College of Engineering, Sri Venkateswara University, Tirupati, Andhrapradesh 517502 Contact Number: 9949300990 Email Id.: varadasouri@gmail.com	-	4 (Q2 - 3, Q1 - 1)	-	4	-	<ol style="list-style-type: none"> 1. Rajesh, A. and Rani, P.E., 2022. Mitigation of stretch type vampire attack using probabilistic variable fuzzy rough set in wireless sensor networks. <i>Concurrency and Computation-Practice & Experience</i>, 34(4). (SCIE Journal, Impact Factor : 1.82). 2. Arunachalam, R. and Perumal, E.R., 2022. Bipolar fuzzy information-based PROMETHEE-based outranking scheme for mitigating vampire attack in wireless sensor networks. <i>Transactions on Emerging Telecommunications Technologies</i>, 33 (9), p.e4564. (SCIE Journal, Impact Factor: 2.0). 3. Arunachalam, R. and Kanmani, E.D.R., 2024. Detection and mitigation of vampire attacks with secure routing in WSN using weighted RNN and optimal path selection. <i>Computers & Security</i>, 145, p.103991. (SCIE Journal, Impact Factor : 4.8). 4. Arunachalam, R. and Kanmani, E.D.R., Fuzzy Computation on Ensemble Deep Network for the Performance of Vampire Attack Detection Model in WSN. <i>Wireless Networks</i> - Under Review. (SCIE Journal, Impact Factor : 2.0)

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
11	Anstey Vathani T / 21RECV1001	29.10.2025	Dr. Logeshwari J	<i>Enhanced Recycled Concrete Aggregate Liner for Landfill Leachate Filtration System Treatment Strategies, Prototype Performance and Life Cycle Assessment</i>	Dr. Fausia Ahamed Professor, Department of Civil Engineering, University Sains Malaysia 11800, USM, Penang, Malaysia. Contact Number: 5062000 Email Id.: cefahmad@yahoo.com	Dr. Manjunatha M Associate Professor Department of Civil Engineering GITAM University, Bangalore. Contact Number: 887159169 Email Id.: mmaddike@gitam.edu	3 (Q2 - 1)	2 (Q2-1, Q4 - 1)	Others - 1	6	-	<ol style="list-style-type: none"> 1. Vathani, T.A. and Logeshwari, J., 2025. Life Cycle Assessment of Perishable Wastes from Koyambedu Market. <i>Journal of Advanced Research in Applied Sciences and Engineering Technology</i>, 43(2), pp.258-270. [SCOPUS/ IF-1.4] (Q2). 2. Vathani, T.A. and Logeshwari, J., 2024. Influence of Additives on Leachate Treatment with Recycled Coarse Aggregate. <i>Advances in Concrete Construction</i>, 18(2), pp.157-167. [Scopus/ SCI] (Q2). 3. Vathani, A. and Logeshwari., 2023. June. Sustainability in using recycled aggregate. In <i>AIP Conference Proceedings</i> (Vol. 2766, No. 1). AIP Publishing. [SCOPUS/WOS, IF- 0.40] (Q4). 4. Vathani, T.A. and Logeshwari, J., 2023. A novel approach to utilize recycled concrete aggregates as landfill liner. <i>Waste Management Bulletin</i>, 1(1), pp.39-48. [Scopus]. 5. Vathani, T.A. and Logeshwari, J., 2022. A Detailed Review on Existing Landfill Liners and Performance of Recycled Coarse Aggregate as an Additional Layer. <i>PERIODICO di MINERALOGIA</i>, 91(5), pp.152-166. [NON-SCOPUS] 6. Logeshwari, J. and Vathani, T.A., 2024, <i>Filtration Technique for Leachate Using Recycled Coarse Aggregate. Landfill Leachate Treatment Techniques, Chapter 14</i>, pp.323-350. [SPRINGER PUBLICATION, SCOPUS]

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
12	Nitesh Gaikwad / 17REEC1025	29.10.2025	Dr. Shiyamala S	<i>Development of Integrated Microarchitecture Framework for Energy Efficient and Intelligent Dynamic IoT Communication</i>	Dr. Jaime Lloret Mauri Associate Professor, Department of Communication, Polytechnic University of Valencia, Camino de Vera 46022, Valencia, Spain. Contact Number: +34 609549043 Email Id.: jlloret@dcom.upv.es	Dr. Rajib Kar Associate Professor, Department of Electronics and Communication Engineering, NIT Durgapur, West Bengal - 713209 Contact Number: 9434788056 Email Id.: rajibkarece@gmail.com	4	-	-	4	-	<ol style="list-style-type: none"> 1. Nitesh Gaikwad and S. Shiyamala <i>"An Intelligent Fault Alert Mechanism for Dynamic IOT Communication Microarchitecture"</i>. International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169, Vol. 11, No. 10s, pp. 95-103. 2. Gaikwad Nitesh and S. Shiyamala <i>"A Framework for Single-Chip Multiple Process Microarchitecture for Dynamic IOT Communication"</i>, Journal of Theoretical and Applied Information Technology, 2022, Vol.100, No. 23, pp. 7093-7104. SCOPUS. 3. Nitesh Gaikwad and S. Shiyamala <i>"Power Efficient Module in Single Chip for the Energy Optimized Dynamic IoT Communication"</i>, Multimedia Tools and Applications, Springer. 4. Nitesh Gaikwad and S. Shiyamala <i>"Design and Development of Microarchitecture for Dynamic IoT Communication"</i>. International Journal of Engineering Trends and Technology, ISSN:2231-538, November 2021, Vol. 69, No. 11, pp. 1-8

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
13	Murugan C / 20REEC1025	31.10.2025	Dr. T. Kavitha	<i>Design and Development of Multi-Band Antennas for LTE, 5G NR, V2X, and Wi-Fi Applications</i>	Dr. Fernando, Xavier Professor, Department of Electrical, Computer and Biomedical Engineering, Ryerson University, Ryerson Communications Lab, 350, Victoria Street, Toronto, ON M5B 2K3 Canada Contact Number: 416-979-5000 Ext. 556077 Email Id.: xfernando@gmail.com	Dr. P. Chinnamuthu Associate Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Nagaland Dimapur, Nagaland - 797103. Contact Number: 89774486446 Email Id.: chinnamuthu@nitnagaland.ac.in	1 (Q3 - 1)	1 (Q4 - 1)	-	2	-	1. Murugan, C. and Kavitha, T., 2023. A compact four-element modified annular ring antenna for 5G applications. Progress In Electromagnetics Research C, 137, pp.169-183. 2. Murugan, C., Kavitha, T., 2025. Adaptive Dual-Band Antenna for 5G and ITS Applications with Monopole-to-Broadside Radiation Characteristics. Progress in Electromagnetics Research Letters 123, 61–67. https://doi.org/10.2528/PIERL24100307

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
14	H. Shilo Nesa Sherlin / 21RHBT1001	01.11.2025	Dr. Tarangini Korumilli	<i>Studies on Augmentation of Textile Materials using Green route Synthesized Nanomaterials and their Applications</i>	Dr. Sibel A. Ozkan Professor, Department of Analytical Chemistry, Faculty of Pharmacy Ankara University, 06560 Tandoğan, Ankara, Türkiye. Contact Number: +905338183635 Email Id.: ozkan@pharmacy.ankara.edu.tr	Dr. Suresh K I, Professor, Department of Materials Science & Technology Division, CSIR-National Institute for Interdisciplinary Science and Technology, Gol, 4 Bungalows, Lokhandwala Road, Andheri (West)-400053, Mumbai. Contact Number: 9652470482 Email Id.: kisuresh@niist.res.in	2 (Q2 -2)	1 (Q3 - 1)	-	3	Publis hed - 1	<p>1. Shilo Nesa Sherlin, H., Tarangini, K., 2023. A review on augmentation of natural fabric materials with novel bio/nanomaterials and their multifunctional perspectives. <i>Hybrid Adv.</i> 2, 100020. https://doi.org/10.1016/j.hybadv.2023.100020</p> <p>2. Tarangini, K., Sherlin, S.N., Jakkala, S., Borah, P., Wacławek, S., Sabarinath, S., Rao, K.J., Padil, V.V.T., 2024. Optimising Biosynthesis of Antimicrobial Copper Nanoparticles Using Aqueous <i>Aegle marmelos</i> Leaf Extract-Based Medium. <i>Ecol. Chem. Eng. S</i> 31, 7–17. https://doi.org/10.2478/eces-2024-00013</p> <p>3. Shilo Nesa Sherlin, H., Korumilli, T., Jagajjanani Rao, K., 2025. Non-leaching nanoparticle functionalized natural fabrics: A review on durability, environmental impacts, and applications. <i>Nanotechnol. Environ. Eng.</i> 10, 7. https://doi.org/10.1007/s41204-025-00408-w</p> <p>o Published Patent: Indian Patent Publication Title: Plant-Extract-Based Synergistic Nanoparticle Coatings for Enhanced Multifunctional Performance in Natural Silk Fabric Materials Patent application number: 202541020677 & Year of filing & Publication date: 07.03.2025</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
15	Prasanna Kumar Inampudi / 20REEE1004	05.11.2025	Dr. P. Chandrasekar	<i>Analysis and Design of Novel Soft Switching High Voltage Gain DC Converters for Renewable Energy Applications</i>	Dr. Saad Mekhilef Professor, Department of Electrical Engineering, Swinburne University of Technology, Australia. Contact Number: +61 3 9214 8080 Email Id.: smekhilef@swin.edu.au	Dr. Ch. Rami Reddy Professor, Department of Electrical Engineering , Joginpally B R Engineering College, Moinabad, Hyderabad - 500075. Contact Number: +91 7013614827 Email Id.: ramireddy@jbrec.ac.in	2 (Q2 -1, Q3 - 1)		-	2	-	1. Inampudi, P. K., Perumal, C., Guntreddi, V. R., & Muni, T. V. (2024). A Novel DC-DC Boost Converter with Coupled Inductors for High Gain and Smooth Switching. <i>Journal of Advanced Research in Applied Sciences and Engineering Technology</i> , 48(2), 92-104. 2. Prasannakumar Inampudi, Chandrasekar, P. and Muni, T.V. (2024). Evaluating a novel bidirectional soft-switching DC-DC converter for electric vehicles. <i>International Journal of Applied Power Engineering (IJAPE)</i> , 13(4), pp.825–825
16	Ramasamy R / 20REEC1038	06.11.2025	Dr. Anto Bennet M	<i>An Intelligent Antenna Parameters Estimation using Optimized Machine Learning Approach</i>	Dr. Danilo Pelusi Associate Professor, Department of Communication Sciences, University of Teramo via Balzarini, 1-64100, Teramo, Italy. Contact Number: +393473159328 Email Id.: dpelusi@unite.it	Dr. P. Karuppanan Professor, Department of ECE, Motilal Nehru National Institute of Technology, Allahabad-211 004. Contact Number: 9455316475 Email Id.: pkaru@mnnit.ac.in	2 (Q4 -2)	1 (Q2 - 1)	-	3	-	1. Ramasamy, R., & Bennet, M. A. (2023). An Efficient Antenna Parameters Estimation Using Machine Learning Algorithms. In <i>Progress In Electromagnetics Research C</i> (Vol. 130). 2. Ramasamy, R., & Bennet, M. A. (2024). Optimizable KNN and ANFIS Algorithms Development for Accurate Antenna Parameter Estimation. <i>Progress In Electromagnetics Research C</i> , 142, 207–218. https://doi.org/10.2528/PIERC23091403 . 3. Ramasamy, R., Bennet, M. A., & Farithkhan, A. A. (2025). Machine Learning Assisted Intelligent Antenna Parameters Estimation Using EOLRKC and SFIS Algorithms. <i>Progress in Electromagnetics Research Letters</i> , 125, 67–73. https://doi.org/10.2528/PIERL25012002 .

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
17	Lingaiah Jada / 17REEC1022	10.11.2025	Dr. Shiyamala S	<i>Analysis of SER for GFDM System using MRT Technique under Wireless Fading Channels</i>	Dr. Abu Zafar Ekram Hossain, Professor, Department of Electrical and Computer Engineering, University of Manitoba Winnipeg, Canada. Contact Number: +1 204 474 8908 Email Id.: ekram.hossain@umanitoba.ca	Dr. S. Varadarajan Professor, Department of Electronics & Communication Engineering, S V University College of Engineering, Sri Venkateswara University, Tirupati, Andhrapradesh 517502 Contact Number: 9949300990 Email Id.: varadasouri@gmail.com	4 (Q4 - 4)	-	-	4	-	<p>1. Lingaiah, J. and Shiyamala, S., 2020. GFDM Based Error Correcting Codes in Underwater Acoustic Channel. International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol.9(6), April 2020. doi:10.35940/ijitee.F4129.049620 Journal, Website: www.ijitee.org</p> <p>2. Lingaiah, J. and Shiyamala, S., 2022. Investigation on GFDM System for 5G Applications Over Fading Channels. Journal of Engineering Science and Technology Review (JESTR), ISSN: 1791-2377, Vol. 15(3), July, 2022. doi:10.25103/jestr.153.01</p> <p>3. Lingaiah, J. and Shiyamala, S., 2023. SER Analysis using GFDM System with Maximal Ratio Transmission Technique under α-μ Fading Channel. Journal of Engineering Science and Technology Review (JESTR), ISSN: 1791-2377, Vol.15(3), July, 2023. doi:10.25103/jestr.163.01</p> <p>4. Lingaiah, J. and Shiyamala, S., 2023. Channel Estimation Algorithm Based on Factor Graph for GFDM-UWA System. Journal of Engineering Science and Technology Review (JESTR), ISSN: 1791-2377, Vol.15(3), July, 2023. doi:10.25103/jestr.163.08</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
18	Revathy J / 22RHEG1004	10.11.2025	Dr. S. Murugavel	<i>Unveiling Minds through Stream of Consciousness: Psychological, Social and Cultural Reflections in Anuradha Roy's Novels</i>	Dr. Faizah Mohamad Nor Associate Professor, Department of English, Segi University, Kuala Lumpur, Malaysia. Contact Number: 0197311710 Email Id.: m-faizah@utm.my	Dr. Jai Singh Associate Professor, Department of English, The English and Foreign Languages University, Ravindra Nagar, Osmania University, Main Road, Amberpet, Hyderabad, Telangana 500 007. Contact Number: 8897048598 Email Id.: jai@efluniversity.ac.in	2 (Q1 -1, Q2 - 1)	-	Others - 4	6	-	<p>1. Janarthanan, Revathy., Sundaramoorthy, Murugavel., Rajamanickam, A.B., Amudha, P., 2024. Flow, Stagnation, and Renewal: Understanding the Symbolic Dimensions of Water in Anuradha Roy's 'An Atlas of Impossible Longing' in <i>Forum for Linguistic Studies</i> 6(5), pp. 419- 432.</p> <p>2. Revathy. J , Dr. Murugavel. S , Dr. Aravind B. R , Dr. R Subhashini(2024) 'Exploring Canine Connections: Unraveling Human Bonds, Loyalty, Attachment, and Character Development in Anuradha Roy's Masterpiece 'The Earth Spinner'' <i>World Journal of English Language</i> ,Vol. 14(4) July, pp. 601-609</p> <p>3. Revathy, J, and Murugavel, S., 2023. Struggles of Women's Characters in Anuradha Ray's The Folded Earth. <i>Convergence of Language and Literary Analysis</i> , pp.333.</p> <p>4. Revathy, J., Dr Murugavel, S., 2023. Women Driven Revolution: A Sheroic reading of Anuradha Roy's All the Lives We Never Lived. <i>Shodha Samhita: Journal of Fundamental & Comparative Research</i> , 11(2).</p> <p>5. Revathy, J., Dr Murugavel, S., 2023.Rising of Popular Literary Devices : Stream of Consciousness in the Dark Holds No Terror by Shashi Deshpande <i>Inclusivity through a Transdisciplinary Prism</i>, 1(14) .</p> <p>6. Revathy, J., Dr Murgavel, S., 2023.Longingness To Break The Patriarch Web: State of Women In Anuradha Roy's The Folded Earth. <i>Shodha Prabha</i> , 48,(2), pp.13-16.</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
19	Reshika T / 21RHEG1002	11.11.2025	Dr. P. Revathi	<i>Psychological Dynamics of the Protagonists: A Gynocentric Exploration Through Transformative Learning in Select Works</i>	Dr. Evgeniya Yugay Associate Professor, Department of Practical Course of English Language, Navoi State University. Contact Number: (+99891) 309-71-40 Email Id.: eyugay078@gmail.com	Dr. Raju Bollavarapu Professor, Department of English, Andhra Loyola College, Andhra Pradesh. Contact Number: 9490254896 Email Id.: raju.bollavarapu@gmail. com	2 (Q2 -1, Q1 - 1)	-	Others - 3	5	-	1. T, Reshika., P, Revathi., P, B., S, Thahera., 2024. A theoretical analysis of geopolitical perspectives on identity Crisis in Taslima Nasrin's Lajja. Journal of Ecohumanism 3. https://doi.org/10.62754/joe.v3i8.4839 . 2. T, Reshika., P, Saranya., 2023. A gynocritical Foucauldian Discourse Analysis of women's autonomy - Taslima Nasrin's writing. World Journal of English Language 13, 414. https://doi.org/10.5430/wjel.v13n6p414 . 3. Reshika.T, Dr. Saranya, 2022. Female Condition: Then And Now - As Seen In The Select Novel Of Chitra Banerjee Divakaruni. Bodhi International Journal of Research in Humanities, Arts and Science, 7, 87–90. 4. Reshika.T & Dr. Saranya, P, 2022. Patriarchal Structure And Place Of Women In Angami Society: In The Select Novel. International Journal of English Literature and Social Sciences, 7(6). https://dx.doi.org/10.22161/ijels.76v.33 . 5. Reshika.T, Dr. Saranya, 2022. . Awakening Of Feminist Consciousness – A Result Of Discrimination In Jahnavi Barua's Rebirth. Journal of the Oriental Institute 89–91.

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
20	Lijetha C Jaffrin / 20RECS1035	13.11.2025	Dr. Visumathi J	<i>Deep CVD-M3NET: A Fuzzy-Aware Multistage Framework for Cardiovascular Disease Prediction and Stage-wise Classification</i>	Dr. Mu-Yen Chen, Professor, Department of Engineering Science, National Cheng Kung University, Tainan, 701, Taiwan. Contact Number: 886 6 2757575 ext 63313 Email Id.: mychen.academy@gmail.com	Dr. V.D. Ambeth Kumar, Associate Professor, Department of Computer Engineering, Mizoram University, Aizawl, Mizoram 796004. Contact Number: 8667080877. Email ID.: vdambethkumar200483@gmail.com	3 (Q3 - 2,Q4-1)	-	-	3	-	<p>1. Jaffrin, L.C., Visumathi, J. (2025), "Diagnostic accuracy enhancement for cardiovascular disease prediction using dual optimized feature selection and fuzzy-based deep learning model", International Journal of Innovative Research and Scientific Studies, 8(2), pp. 276–291 (Scopus Indexed Article).</p> <p>2. Jaffrin, L.C., Visumathi, J. (2024), "Impact of feature selection techniques on machine learning and deep learning techniques for cardiovascular disease prediction-an analysis", Edelwiss Applied Science and Technology, 2024, 8(5), pp. 1454–1471 (Scopus Indexed Article).</p> <p>3. Jaffrin, L.C., Visumathi, J., Srikanth, G.U. (2022) "Role of Exploratory Analytics and Visualization in Heart Disease Prediction" International Journal of Engineering Trends and Technology, 70(1), pp. 24–34 (Scopus Indexed Article).</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
21	Devi Latha S / 21RHMA1001	14.11.2025	Dr. Niranjana S.P.	<i>Analysis of Bulk Queueing Models with Diverse Service Strategies, Load Balancing and Threshold based Renovation</i>	Dr. Marin, Marin I. Professor, Department of Mathematics and Informatics, Universitatea Transilvania din Brasov, Brasov, Romania. Contact Number: +40 268414016 Email Id.: m.marin@unitbv.ro	Dr. G. Ayyappan Professor, Department of Mathematics, Pondicherry Engineering College, Pondicherry - 605014. Contact Number: 9443787775 Email Id.: ayyappan@ptuniv.edu.in	1(Q2 - 1)	4 (Q1- 2, Q2 - 2)		5		<p>1. Niranjana, S. P., Devi Latha, S., Mahdal, M., & Karthik, K. (2024). Multiple Control Policy in Unreliable Two-Phase Bulk Queueing System with Active Bernoulli Feedback and Vacation. <i>Mathematics</i>, 12(1), 75. https://doi.org/10.3390/math12010075.</p> <p>2. Niranjana, S.P. and Latha, S.D., 2024. Analyzing the two-phase heterogeneous and batch service queueing system with breakdown in two-phases, feedback, and vacation. <i>Baghdad Science Journal</i>, 21(8), pp.2701-2701.</p> <p>3. Niranjana, S. P., Devi Latha, S. R., & Vlase, S. (2024). Cost Optimization in Sintering Process on the Basis of Bulk Queueing System with Diverse Services Modes and Vacation. <i>Mathematics</i>, 12(22), 3535. https://doi.org/10.3390/math12223535</p> <p>4. Niranjana, S. P., Latha, S. D., Vlase, S., & Scutaru, M. L. (2025). Analysis of Bulk Queueing Model with Load Balancing and Vacation. <i>Axioms</i>, 14(1), 18. https://doi.org/10.3390/axioms14010018</p> <p>5. Latha, S. R. D., Niranjana, S. P., Vlase, S., & Scutaru, M. L. (2025). Enhancing Efficient Data Transmission in IBM WebSphere Using Relational Data eXchange (RDX) Mechanism and Tandem Queue. <i>Axioms</i>, 14(4), 320. https://doi.org/10.3390/axioms14040320.</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
22	B. Kirubadurai / 21REAE1001	17.11.2025	Dr. R. Jaganraj	<i>Integrated Optimization of PTFE-Coated Hydrogen Storage Cylinders and Fuel Cell Systems for Sustainable and Efficient Energy Solutions in UAV Operations</i>	Dr. J. Paulo Davim, Professor, Department of Mechanical Engineering, University of Aveiro, Portugal. Contact Number: +351 234 401566 Email Id.: pdavim@ua.pt	Dr. Vamsi Krishna Mamidi Professor, Department of Mechanical Engineering, Sri Venkateswara College of Engineering, Tirupati Urban, Andhra Pradesh 517502. Contact Number: 8978407734 Email Id.: mamidivk@gmail.com	1 (Q2 - 1)	2 (Q1 - 1, Q4 - 1)	-	3	-	<p>1. Kirubadurai, B., Jagannraj, R., Vinothkumar, M., and Jegadeeswari, G., 2025. A dual modelling approach: CFD and electrochemical impedance spectroscopy for enhanced PEM fuel cell design and operation. Results in Engineering, 26, p.104858</p> <p>2. Kirubadurai, B., Jagannraj, R., Vinothkumar, M., and Jegadeeswari, G., 2025. CFD analysis of fuel cell performance: Insights into electrochemical and thermal processes. International Review of Applied Sciences and Engineering.</p> <p>3. Kirubadurai, B., Jagannraj, R., Jegadeeswari, G., and Vinothkumar, M., 2025. Investigating the Surface Defects and Structural Integrity of 3D Printed Hydrogen Storage Cylinders in UAV Applications. Journal of Polymer and Composites, 13(03), pp.161–191.</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
23	K. Sunil Kumar / 20REME1013	18.11.2025	Dr. Sumathy Muniyamuthu	<i>Performance Testing on Unmodified Diesel Engine Oil Derived from Two Stage Waste Plastics Energy Efficient Reactor</i>	Dr. Saidur Rahman Professor, Centre for Nano-Materials and Energy Technology, Sunway University, Malaysia. (+60)-374918622 Email Id.: saidur@sunway.edu.my	Dr. N. Gunasekaran Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology, Tirupati, Yerpedu-Venkatagiri Road, Yerpedu Post, Tirupati District 517619, Andhra Pradesh. Contact Number: 9940871337 Email Id.: gnanasekaran@iittp.ac.in	2 (Q1 - 2)	1 (Q1 - 1)		3	-	<p>1. Kumar, K.S. and Muniyamuthu, S., 2024. Design and fabrication of nickel-chromium reinforced 2-stage energy efficient pyrolysis reactor for waste plastics applications. <i>International Journal of Ambient Energy</i>, 45(1), p.2288148.</p> <p>2. Kumar, K.S. and Muniyamuthu, S., 2024. Assessment of performance, combustion, and emission characteristics of single cylinder diesel engine fuelled by pyrolysis oil+ CeO₂ nanoparticles and 1-butanol blends. <i>International Journal of Ambient Energy</i>, 45(1), p.2344568.</p> <p>3. Kumar, K.S., Muniyamuthu, S., Khan, T.Y. and Razak, A., 2025. Performance Evaluation of a Diesel Engine Fuelled with Waste Plastic Pyrolysis Oil, 1-Butanol, and CeO₂ Additives under Varying Injection Pressures. <i>Case Studies in Thermal Engineering</i>, p.106284.</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
24	Thakur M Jethani / 20RHLW1007	18.11.2025	Dr. Sadem Thaviti Naidu	<i>Administration of Justice for Environmental Enforcement Mechanism</i>	Dr. Ramalinggam Rajamanickam Professor, Department of Law, University Kebangsaan Malaysia 43600, UKM Bangi, Selangor Darul Ehsan, Malaysia. Contact Number: +601771571674 Email Id.: rama@ukm.my	Dr. Kondaiah Jonnalagadda Professor, Department of Law, Maharashtra National Law University, CHHATRAPATI SAMBHAJINAGAR Paithan Road, Kanchanwadi, Chhatrapati Sambhajnagar. Contact Number: 8989181548 Email Id.: kondaiahj@gmail.com		-	UGC Care - 4	4	-	1 T.M. Jethani, Dr A Subramanyam (2022). Monitoring and Standard Compliance of Various Water Laws in India: A Legal Approach, IJFANS. UGC CARE Listed (Group -I) Journal Volume 11, Issue 11, 2022. 2 T.M. Jethani, Dr A Subramanyam (2023). A study Examines Environmental laws and Role played by Maharashtra Pollution Control Board, IJFANS. UGC CARE Listed (Group -I) Journal Volume 12, Issue 11, 2023 3 T.M. Jethani, Dr. S. T. Naidu (2024). Existing Legal Provisions in India For the Protection of the Environment: A Study Shodh Kosh: Journal of Visual and Performing Arts January- March 2024 5(3), 343–349 ISSN (Online): 2582-7472 4 T.M. Jethani, Dr. S. T. Naidu, (2024) The Role of Judiciary in Environmental Protection (A Special Emphasis on the Pollution Control Board) Shodh Kosh: Journal of Visual and Performing Arts January-June 2024 5(1), 1691–1697 ISSN (Online): 2582-

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
25	Gurujukota Ramesh Babu / 21RECS1003	18.11.2025	Dr. Gokuldhev M	<i>Hybrid Machine Learning Enhanced IoHT Architecture for Intelligent Detection and Real time Altering of Tomato Leaf Diseases</i>	Dr. Utku Kose Professor, Faculty of Engineering, Suleyman Demirel University, West Campus, 32260, Isparta, Turkey. Contact Number:2462111269 Email Id.: utkukose@sdu.edu.tr	Dr. Narendran Rajagopalan Associate Professor, Department of Computer Science and Engineering, NIT Puducherry, FFR 04, Science Block, Tiruvettakudy, Karaikal 609609 Contact Number: 9543382640 Email Id.: narendran@nitpy.ac.in	1 (Q3 - 1)	1 (Q1- 1)	Others - 2	4	-	<p>1. Gurujukota, R.B., and Gokuldhev, M., 2024. Comparative analysis of tomato leaf diseases in relation to soil nutrition data. In: Bhattacharya, A., Dutta, S., Dutta, P., and Samanta, D. (eds) Innovations in Data Analytics. ICIDA 2023. Lecture Notes in Networks and Systems, vol. 1005.</p> <p>2. Babu, G. R., Gokuldhev, M., Hybrid Cs- Xgboost: Revolutionizing Tomato Disease Prediction For Improved Agricultural Yield And Quality, In Proceedings on Engineering Sciences Vol. 06, No. 3 (2024) 1287-1298.</p> <p>3. Babu, G. R., Gokuldhev, M., & Brahmanandam, P. S. (2024). Integrating IoT for Soil Monitoring and Hybrid Machine Learning in Predicting Tomato Crop Disease in a Typical South India Station. Sensors, 24(19),6177.</p> <p>4. Babu, Gurujukota Ramesh, A comprehensive review on the use of NPK values in the detection of tomato diseases In Grenze International Journal of Engineering & Technology (GIJET), 2024, 2, pp 4952-4957.</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
26	Sridhar.M / 20RECV1004	19.11.2025	Dr. Vinodkumar M	<i>Structural and Sustainability Enhancement of Composite Sandwich Slab Panels using Novel Fibre Reinforced Geopolymer Concrete</i>	Dr. Krgz Mehmet Serkan Professor, Department of Civil Engineering, Northwestern University Evanston, United States. Contact Number: +90 5396145238 Email Id.: nakres42@yahoo.com	Dr. Subash C Yaragal Professor, Department of Civil Engineering, NIT Surathkal, Karnataka. Contact Number: +91-9448952072 Email Id.: subhashyaragal@nitk.edu.in	-	2 (Q1 - 2)	-	2	Patented - 3	<p>1. Sridhar, M. and Vinod Kumar, M., 2024. Structural and sustainability enhancement of composite sandwich slab panels using novel fibre-reinforced geopolymer concrete. Journal of Composites Science, 8(11), p.479. Available at: https://doi.org/10.3390/jcs8110479.</p> <p>2. Sridhar, M., Vinod Kumar, M., Nagaprasad, N., Bhagat, S.K. and Ramaswamy, K., 2025. Microstructural and statistical analysis on mechanical performance of novel flattened end nylon fibre reinforced concrete. Scientific Reports, 15, p.8483. Available at: https://doi.org/10.1038/s41598-025-89593-x.</p> <p>Patents:</p> <p>1. Sridhar, M., Vinod Kumar, M., Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, 2023. Novel fibre for effective bonding in fiber-reinforced concrete (FRC). Indian Patent Application No. 202341062039, filed 14 September 2023, published 06 October 2023.</p> <p>2. Sridhar, M., Vinod Kumar, M., Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, 2024. Nylon fibre for reinforcing 129 concrete or mortar having a flattened end. Indian Patent Application No. 202441070897, filed 19 September 2024, published 04 October 2024.</p> <p>3. Sridhar, M., Vinod Kumar, M., Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, 2024. Sustainable multi-layer concrete panels with eco-concrete technology. Indian Patent Application No. 202441105165, filed 31 December 2024, published 10 January 2025.</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
27	Raghavendran P / 22RHMA2007	19.11.2025	Dr. T. Gunasekar	<i>Existence, Uniqueness, Stability, and Controllability of Impulsive Neutral Fractional Volterra-Fredholm Integro-Differential Systems with State-Dependent Delay for Applications in Artificial Intelligence and Cryptography</i>	Dr. Gennaro Infante Professor, Department of Mathematics, Dipartimento di Matematica e Informatica, Universita' della Calabria, 87036 Arcavacata di Rende (Cosenza), Italy. Contact Number: +39 338 4849210 Email Id.: gennaro.infante@unical.it	Dr. Odelu Ojjela Associate Professor, Department of Applied Mathematics, Defence Institute of Advanced Technology (Deemed to be University) Girinagar, Pune - 411025, Maharashtra. Contact Number: 7798868907 Email Id.: odelu@diat.ac.in	-	9 (Q1 - 8, Q2 - 1)	-	9	-	<ol style="list-style-type: none"> 1. Raghavendran, P., Gunasekar, T., Baleanu, D., Santra, S.S. and Majumder, D., 2026. Neural network framework for controllability of fractional Volterra Fredholm integro-differential equations with state-dependent delay. <i>Journal of Mathematics and Computer Science</i>, 40(3), pp. 292-309. (WoS & Scopus, Q1) . 2. Raghavendran, P., Gunasekar, T., Aloqaily, A. and Mlaiki, N., 2025. Application of Cryptography for Controllability Results of Fractional Neutral Volterra-Fredholm Integro-Differential Equations with State-Dependent Delay. <i>International Journal of Analysis and Applications</i>, 23, 197. (WoS–Scopus, Q2) . 3. Raghavendran, P., Gunasekar, T., Ayooob, I. and Mlaiki, N., 2025. AI-driven controllability analysis of fractional impulsive neutral Volterra-Fredholm integro-differential equation with state-dependent delay. <i>AIMS Mathematics</i>, 10(4), pp.9342–9368. (SCIE–WoS–Scopus, Q1). 4. Raghavendran, P., Gunasekar, T., Ahmad, J. and Emam, W., 2025. A study on the existence, uniqueness, and stability of fractional neutral Volterra-Fredholm integro differential equations with state-dependent delay. <i>Fractal and Fractional</i>, 9(1), pp.1 23.

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
												<p>(SCIE–WoS–Scopus, Q1).</p> <p>5. Gunasekar, T., Raghavendran, P. and Nisar, K.S., 2025. Existence, uniqueness, and stability results of fractional Volterra-Fredholm integro-differential equations with state dependent delay. Qualitative Theory of Dynamical Systems, 24, 54. (SCIE–WoS–Scopus, Q1).</p> <p>6. Raghavendran, P., Gunasekar, T., Santra, S.S. and Baleanu, D., 2025. Analytical study of existence, uniqueness, and stability in impulsive neutral fractional Volterra-Fredholm equations. Journal of Mathematics and Computer Science, 38(3), pp.313–329. (WoS–Scopus, Q1).</p> <p>7. Raghavendran, P., Gunasekar, T. and Gochhait, S., 2024. Application of artificial neural networks for existence and controllability in impulsive fractional Volterra-Fredholm integro-differential equations. Applied Mathematics in Science and Engineering, 32(1), pp.1–21. (SCIE–WoS–Scopus, Q1).</p> <p>8. Gunasekar, T., Raghavendran, P., Santra, S.S. and Sajid, M., 2024. Existence and controllability results for neutral fractional Volterra-Fredholm integro-differential equations. Journal of Mathematics and Computer Science, 34(4), pp.361–380. (WoS–Scopus, Q1).</p> <p>9. Gunasekar, T., Raghavendran, P., Santra, S.S. and Sajid, M., 2024. Analyzing existence, uniqueness, and stability of neutral fractional Volterra-Fredholm integro differential equations. Journal of Mathematics and Computer Science, 33(4),pp.390 407. (WoS–Scopus, Q1).</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
28	V. Anish / 19RECV1006	19.11.2025	Dr. Logeshwari J	<i>Evaluation on the Characteristics of Hybrid Fibre Reinforced High Performance Concrete Incorporated with Graphene Oxide</i>	Dr. F. Pacheco-Torgal Professor, Department of Civil Engineering, Universidade do Minho, Largo do Paco, Braga, Portugal. Contact Number: 253510215 Email Id.: f.pachecotorgal@gmail.com	Dr. Shriram Marathe Associate Professor, Faculty of Civil Engineering, NITTE, Karkala, Karnataka 574110. Contact Number: 9972772333 Email Id.: shrirammarathe@nitte.edu.in	3 (Q2 - 1, Q3 - 1, Q4 - 1)	1 (Q2 - 1)	-	4	Publis hed - 1	<ol style="list-style-type: none"> 1. Anish, V., Logeshwari, J., 2024. Evaluation of Durability Characteristics on Hybrid Fibre Reinforced High-Performance Concrete Incorporated with Graphene Oxide. Iranian Journal of Science and Technology, Transactions of Civil Engineering. https://doi.org/ 10.1007/s40996-024-01637-w. Springer [Q2] (Scopus) (AU Annexure). 2. Anish, V., Logeshwari, J., 2024. Mechanical and Microstructural Analysis of High-Performance Concrete Incorporated with Hybrid Fibres and Graphene Oxide. Iranian Journal of Science and Technology, Transactions of Civil Engineering. https://doi.org/10.1007/s40996-024-01532-4. Springer [Q2] (SCIE & Scopus) (AU Annexure) 3. V. Anish, J. Logeshwari., 2024. A review on ultra high-performance fibre-reinforced concrete with nanomaterials and its applications. Journal of Engineering and Applied Science, 71(25), pp.1-40. Springer [Q3] (Scopus & UGC). https://doi.org/10.1186/s44147-023-00357-8. 4. S. Yuvaraj, V. Anish (2019) Strength Properties of Nano Silica Recycled Sustainable concrete. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(10), pp.2245-2248. [Q4] [Scopus]. https://doi.org/10.35940/ijitee.i8954.0881019. Patent: 1. J. Logeshwari, V. Anish and S. Samson. Complete filing of patent titled "A Graphene oxide infused High-performance concrete reinforced with hybrid fibres" at Indian patents. Application No. 202341089381, Status: Published on 12/01/2024.

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
29	V. Usha / 20RECS1013	19.11.2025	Dr. Rajalakshmi N.R.	<i>Exploration and Implementation of an Ensemble-Featured and Optimized Machine Learning Framework for Accurate Diabetes Prediction</i>	Dr. Reda Alhaji, Professor, Department of Computer Science, University of Calgary, Calgary Alberta, AB T2N 1N4, Canada. Contact Number: 4032109453 Email Id.: alhaji@ucalgary.ca	Dr. P. Anandhakumar Professor, Department of Information Technology, Anna University MIT, Chennai - 600025. Contact Number: 9841667886 Email Id.: anandh@annauniv.edu	3 (Q4 - 3)	1 (Q3 - 1)	-	4	-	<p>1. Usha, V. and Rajalakshmi, N. R., 2025. ETL-POXGB: A Novel Classification Framework Combining ETL Data Integration, Ensemble Feature Selection, and PSO Optimization. <i>Journal of Theoretical and Applied Information Technology</i>, 103(4). (Scopus indexed).</p> <p>2. V. Usha, Dr. N. R. Rajalakshmi, (2025) ADR-W: A Novel Accuracy-Driven Weighting Approach for Accurate and Reliable Diabetic Diagnosis. <i>Journal of Neonatal Surgery</i>, 14 (4), 141-157. 4.</p> <p>3. V. Usha and N. R. Rajalakshmi (2025) DiaFSHT: A scalable approach for optimized diabetes prediction through metaheuristic learning. <i>J. Exp. Zool. India</i> 28, 1341-1348. (Scopus indexed).</p> <p>4. V, Usha, and Rajalakshmi N.R. 2025. "Enhancing Diabetes Diagnosis With Confidence-Calibrated Adaptive Weighting and Multi-Model Ensemble Framework". <i>International Research Journal of Multidisciplinary Technovation</i> 7 (4):211-27. (Scopus indexed)</p>
30	M. Geetha Yadav / 19RECS1021	20.11.2025	Dr. S.P. Chokkalingam	<i>Secure and Efficient Similarity-Based Image Retrieval Approach for Cloud Storage using Deep Learning</i>	Dr. Farah Jemili Associate Professor, National School of Computer Science, University of Manouba, Tunisia. Contact Number: 21698631179 Email Id.: jmili_farah@yahoo.fr	Dr. Mrinal Kanti Deb Barma Professor, Department of CSE, NIT Agartala, National Institute of Technology Agartala, Tirupura. Contact Number: 8974253353 Email Id.: mrinal@nita.ac.in	2 (Q4 -2)	-	-	2	-	<p>1. M.Geetha Yadav and S P Chokkalingam, 2024. A Cloud-Based Approach for Privacy-Preserving Medical Image Retrieval: Leveraging Local Features and PCA in Two Efficient Steps. <i>Journal of Computer Science, Science Publications</i>, Vol.20, Issue12, 2024. (Scopus Indexed).</p> <p>2. M.Geetha Yadav and S P Chokkalingam, 2025. Multimedia Image Retrieval using novel Modelling of Combined Binary Patterns with Reduced Dimensions. <i>Journal of Computer Science, Science Publications</i>, Vol.21, Issue 4. (Scopus Indexed).</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
31	Brenda M / 20REEC1024	21.11.2025	Dr. C.R. Bharathi	<i>Design and Development of Wearable Antennas for Cross-Body Communication</i>	Dr. George Ghinea Professor, Department of Computer Science, Brunel University, Kingston Lane Uxbridge, Middlesex UB8 3PH, London. Contact Number: 1895266033 Email Id.: george.ghinea@brunel.ac.uk	Dr. E. Ilavarasan Professor, Department of Computer Science and Engineering, Puducherry Technological University, Puducherry - 605 014. Contact Number: 9443084714 Email Id.: eilavarasan@ptuniv.edu.in	-	2 (Q2 - 2)	-	2	-	1. Brenda, M. and Bharathi, C.R., 2025. Design and characterization of compact dual-band wearable antenna for wireless healthcare applications. AEU –International Journal of Electronics and Communications, 196, p.155818.(SCOPUS and SCIE IMPACT FACTOR 3.2). 2. Brenda, M. and Bharathi, C.R., 2025. A novel Taconic semi flexible wearable antenna for WBAN applications. IETE Journal of Research, 71(7), pp.1-10.(SCOPUS, WOS and SCIE IMPACT FACTOR 1.5).
32	Swathy P S / 21RHLW1003	22.11.2025	Dr. Venugopal B	<i>Right to Health of Tribal Women in Kerala with Special Reference to Wayanad District: A Socio-Legal Study</i>	Dr. Nishantha Sampath PUNCHIHAWA Professor, Department of Law, University of Colombo, Colombo 00700, Sri Lanka. Contact Number: +94-(0)715566066 Email Id.: sampath@law.cmb.ac.lk	Dr. Sathish Gowda N Professor, Department of Studies in Law, University Law College, Bangalore University, J.B. Campus, Bangalore 560056. Contact Number: 9916007211 Email Id.: nsathishgowda@gmail.com	-	-	UGC Care - 5 Others - 2	7	-	1. P.S Swathy., Prof. Dr. B. Venugopal and Aswin S (2024) "Right to Access to Healthcare: A Far Reaching Dream of the Tribes in India", ShodhKosh: Journal of Visual and Performing Arts, 5(3), pp. 549–552. doi: 10.29121/shodhkos. v5.i3.2024.4041. 2. Swathy P.S., Prof. Dr. B. Venugopal, 2024. Tribal Welfare Schemes in Kerala: An Evaluation. Juni Khyat 14, 174–180. 3. Swathy P S, Dr. B. Venugopal, K HariHara Sudhan, Manoj Mohan. (2025). Right to Health of Indigenous Community: Innovative Tribal Public Health, Challenges and Policy in India. Cuestiones De Fisioterapia, 54(2), 904-917. 4. Swathy P S., & Dr. B. venugopal. (2024). The Soulful Evolution of National Education. Journal of the Oriental Institute, 20(2), 224–230. 5. Swathy P.S., "Legal and Ethical Challenges in Healthcare: A Cross-Disciplinary Perspective" (2023) 2 ICREP Journal of Interdisciplinary Studies https://icrep.cusat.ac.in/journal/d/0ea64135-80e7-49f2-ae54-c196748c740f 6. Swathy P S., Neethu, "Indian Judiciary's Role in Safeguarding Human Rights: A Journey of Resilience

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
												and Reform.” Human Rights and Legislative Framework in Contemporary World, edited by Rahul Singh, 1st ed., India, red’shine Publication, 2024, pp. 188–203. 7. Swathy P S., “Rights of Tribal Women in India: An Analysis.” International Journal of Law and Social Sciences, vol. IX, no. 07, July 2023, pp. 44–52.
33	Jayaram Boga / 19RECS1019	22.11.2025	Dr. V. Dhilip Kumar	<i>Exploring Methods for Human Activity Recognition using Wireless Body Area Network</i>	Dr. Michal Jasinski Associate Professor, Department of CSE, Wroclaw University of Science and Technology, Poland. Contact Number: 48726171742 Email Id.: michal.jasinski@pwr.edu.pl	Dr. Debdatta Kandar, Professor, Department of Information Technology, North Eastern Hill University, Shillong, Meghalaya - 793022. Contact Number: 9831909960 Email Id.: kdebdatta@gmail.com	1 (Q3 - 1)	1 (Q2 - 1)	-	2	Publis hed - 1	1. Jayaram Boga and V. Dhilip Kumar, “Human Activity Recognition by Wireless Body Area Networks through Multi-Objective Feature Selection with Deep Learning,” Expert Systems, Wiley Publications, vol. 8, 2022, Art. no. e12988. (SCI Indexed). 2. Jayaram Boga and V. Dhilip Kumar, “Human Activity Recognition in WBAN Using Ensemble Model,” International Journal of Pervasive Computing and Communications, vol. 19, 2023. ISSN: 1742-7371. (Scopus Indexed) Patent: 1. Jayaram Boga and V. Dhilip Kumar, “Human Activity Recognition Using Wireless Body Area Networks with Deep Learning,” Indian Patent, 2024. Application No: 202441078067

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
34	Palepu Kavi / 20REBT1002	24.11.2025	Dr. Tarangini Korumilli	<i>Development of Sustainable Biocomposite Coating Formulation for Enhancing Post- Harvest Shelf Life of Fruits & Vegetables</i>	Dr. Sibel A. Ozkan Professor, Department of Analytical Chemistry, Ankara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, Tandogan - 06560, Ankara/Turkey. Contact Number: 00 90 312 223 82 43 Email Id.: sibel.ozkan@pharmacy.an kara.edu.tr	Dr. Gopinath Packirisamy Professor, Department of Biosciences and Bioengineering, Indian Institute of Technology (IIT) Guwahati, Guwahati - 781039, Assam. Contact Number: 9760907526 Email Id.: gopi@bt.iitr.ac.in		3 (Q1 -1, (Q2 -1,Q3 -1)		3	Published - 1	<p>1. K Tarangini, P Kavi, K Jagajjanani Rao. Application of sericin - based edible coating material for postharvest shelf – life extension and preservation of tomatoes, E Food, 2022, https://doi.org/10.1002/efd2.36.</p> <p>2. P Kavi, T Korumilli, KJ Rao. Sericin-Chitosan-Aloe vera Composite Coating for the Postharvest Shelf-Life Improvement of Strawberries, Food Biophysics, 2024, https://doi.org/10.1007/s11483-024-09889-9</p> <p>3. P Kavi, K Tarangini, V Kumaravel, KJ Rao. Multifunctional Sericin-Chitosan-Aloe Vera Composite Film for Food Packaging, Ecological Chemistry and Engineering, doi:10.2478/eces-2024-0020</p> <p>Patent: 1. K Tarangini, K Jagajjanani Rao, P Kavi. Sustainable Bio composite Coatings for Fruit Shelf-Life Extension, Decolourization Inhibition and Quality Preservation. Patent application number: 202441018439 & Year of filing & Publication date: 29-3-2024.</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
35	Venkata Subbaiah Putta / 16REEC1012	25.11.2025	Dr. Selwin Mich Priyadharson. A	<i>Regional Language Speech Recognition from Bone Conducted Speech Signals through Different Deep Learning Architecture</i>	Dr. Joy long-Zong Chen Professor, Department of Electrical Engineering, Da-Yeh University, Dacun, Changhua, Taiwan 51501, R.O.C. Contact Number: 01-48-511888 Email Id.: jchen@mail.dyu.edu.tw	Dr. Prachi Mukherji Professor, Department of Electronics and Telecommunication Engineering, MKSS's Cummins College of Engineering for Women, Karvenagar, Pune 411052. Contact Number: 9881308464 Email Id.: prachi.mukherji@cummcollege.in	-	3(Q1 -1, Q2 - 1)	-	3	-	<p>1. Subbaiah, P.V. and Deepthi, H., 2020. A Study to Analyze Enhancement Techniques on Sound Quality for Bone Conduction and Air Conduction Speech Processing. Scalable Computing: Practice and Experience, 21(1), pp.57-62, https://doi.org/10.12694/scpe.v21i1.1612.</p> <p>2. Putta, V.S., Selwin Mich Priyadharson, A. and Sundramurthy, V.P., 2022. Regional Language Speech Recognition from Bone-Conducted Speech Signals through Different Deep Learning Architectures. Computational Intelligence and Neuroscience, 2022(1), p.4473952, https://doi.org/10.1155/2022/4473952.</p> <p>3. Putta, V.S. and Priyadharson, A.S.M., 2024. Regional Language Speech Recognition from Bone Conducted Speech Signals Through CCWT Algorithm. Circuits, Systems, and Signal Processing, 43(10), pp.6553-6570, https://doi.org/10.1007/s00034-024-02733-y</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
36	Murugu Nachippan N / 19REAU1002	25.11.2025	Dr. Padmanabhan S	<i>Experimental Assessment on Premixed Charge Compression Ignition Engines with Graphene Blended Tamanu Biodiesel</i>	Dr. Sunday Ayoola OKE, Professor, Department of Mechanical Engineering, University of Lagos, Faculty of Engineering, Nigeria.	Dr. Abhishek Sharma Associate Professor, Department of Mechanical Engineering, Government Engineering College, Palamu P.O. - Lesliganj, District-Medninagar (Palamu) - 822118, Jharkhand. Contact Number: 8249588150 Email Id.: drasharma58@gmail.com	5 (Q4 - 5)	2 (Q1 -2)	Others - 1	8	-	<p>1. Nachippan, N.M., Padmanabhan, S., Parthasarathy, M. and Elumalai, P.V., 2024. Nano-Alumina incorporated Mahua biodiesel and its impact on engine efficiency and emissions. <i>International Journal of Vehicle Structures and Systems</i>, 16(3), pp.451–456.</p> <p>2. Murugu Nachippan, N., Padmanabhan, S., Udayakumar, A.S.M. and Anbazhagan, R., 2024. Investigation of substitution energy for engines recovered from synthetic fuels enhanced by dimethyl ether. <i>International Research Journal of Multidisciplinary Scope</i>, 5(2), pp.323–333.</p> <p>3. Murugu Nachippan, N., Padmanabhan, S. and Parthasarathy, M., 2025. Environmental sustainability achievement on diesel engine emissions using Mahua biodiesel influenced by graphite. <i>Recent Patents on Mechanical Engineering</i>, 18(2).</p> <p>4. Murugu Nachippan, N., Padmanabhan, S., Vasudevan, B., Nagarajan, L., Balamurugan, P. and Gopi, P., 2024. Evaluation of engine characteristics of diesel engines fuelled with MWCNT nano additive doped hemp biodiesel blends. <i>Interactions</i>, 245(215).</p> <p>5. Murugu Nachippan, N., Padmanabhan, S., Devarajan, Y., Munuswamy, D.B., Sathiyamurthy, S. and Selvam, D.C., 2024. Graphene-enhanced</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
												<p>sustainable fuel from <i>Calophyllum inophyllum</i> for premixed charge compression ignition engines: Advancing circular economy and emission reduction. <i>Results in Engineering</i>, 24, 103096.</p> <p>6. Murugu Nachippan, N., Parthasarathy, M., Elumalai, P.V., Backiyaraj, A., Balasubramanian, D. and Hoang, A.T., 2022. Experimental assessment on characteristics of premixed charge compression ignition engine fueled with multi-walled carbon nanotube-included Tamanu methyl ester. <i>Fuel</i>, 323, 124415.</p> <p>7. Padmanabhan, S., Nachippan, N.M., Kumar, K.M. and Kumar, T.V., 2025. Experimental investigation of performance and emission of microalgae <i>Chlorella vulgaris</i> in variable compression ratio engine. <i>International Journal of Vehicle Structures and Systems</i>, 17(1), pp.1–5. 128.</p> <p>8. Nachiappan, M.N., Sambandam, P., Murugesan, P. and Shanmugam, R., 2023. Influence of alumina nano additive on compression ignition engine characteristics fueled with Mahua biodiesel. <i>NanoWorld Journal</i>, 9(S3), pp.S73–S78.</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
37	Suma Nair / 20REEC1043	24.11.2025	Dr. Britto Pari J	<i>Adaptive Signal Denoising and Spectral Feature Extraction for Rule-Driven FPGA based Sleep Stage Classification</i>	Dr. Bal Virdee, Professor, School of Computing and Digital Media, London Metropolitan University, Director, Centre for Communications Technology, London, United Kingdom. Contact Number: +44 (0) 20 7133 2172. Email Id.: b.virdee@londonmet.ac.uk	Dr. Balwinder Raj, Associate Professor, Department of Electronics and Communication Engineering, Dr. B.R. Ambedkar National Institute of Technology Jalandhar, Punjab 144008. Contact Number: 6280432258. Email Id.: rajb@nitj.ac.in	-	3 (Q2 - 1, Q4 - 2)	-	3	-	<p>1. Nair, S. & James, B.P., 2025. An area efficient FPGA design for EEG signal denoising using LMS adaptive filtering and Teager–Kaiser energy operator. <i>Signal, Image and Video Processing</i>, 19, article 485. https://doi.org/10.1007/s11760-025-04087-7</p> <p>2 Nair, S., James, B.P. & Leung, M.-F., 2025. An Optimized Hybrid Approach to Denoising of EEG Signals Using CNN and LMS Filtering. <i>Electronics</i>, 14(6), article 1193. https://doi.org/10.3390/electronics14061193</p> <p>3 Nair, S. & James, B.P., 2025. An efficient FPGA based Welch power spectral density for real time applications. <i>Journal of Circuits, Systems and Computers</i>, 34(5), article 2550127 (20 pp). https://doi.org/10.1142/S0218126625501270</p>

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
38	Senthilkumar Pandurangam / 20REEC1018	22.11.2025	Dr. Kanimozhi T	<i>Metaheuristic and AI-driven Approaches for Efficient Energy Management in Marine Vessels</i>	Dr. Bal Virdee, Professor, School of Computing and Digital Media, London Metropolitan University, Director, Centre for Communications Technology, School of Computing and Digital Media, London, United Kingdom. Contact Number: +44 (0) 20 7133 2172. Email Id.: b.virdee@londonmet.ac.uk	Dr. S. Ganapathy, Associate Professor, Department of Computer Science Engineering, National Institute of Technical Teachers Training and Research Institute, Science Center Road, Shanthi Marg, Shyamala Hills, Bhopal, Madhya Pradesh 462002. Contact Number: 9488869712 Email Id.: saganapathy@nittrbpl.ac.in	3 (Q2 - 3)	1(Q4 - 1)	-	4	-	<ol style="list-style-type: none"> 1. Kumar, P. S., & Kanimozhi, T. (2023). A Smart and Effective Energy Management System for Shipboard Applications using a Stochastic Fractal Search Network (SFSN) Controlling Model. <i>International Journal of Intelligent Systems and Applications in Engineering</i>, 12(2s), 529-539. 2. Pandurangam, S. K., & Kanimozhi, T. (2023). An innovative Dandelion Optimized Network Control (DONC) based effective energy management system for electric ships. <i>ITEGAM-JETIA</i>, 9(43), 54-63. 3. Pandurangam, S., & Kanimozhi, T. (2024) .A Lightweight and Smart Deep Kernel Network Learning System for Energy Management and Control in Electrical Ships. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i>, 2024, 126543. 4. Kumar, P.S., Kanimozhi, T.(2023) Hybrid PV and Fuel Cell Generating System for Shipboard Applications Based on Optimal Dispatch Evaluator Algorithm <i>Journal of Advanced Research in Applied Sciences and Engineering Technology</i>, 2024, 36(2), pp. 131-146

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
39	S. Shireesha / 19RMBM1004	25.11.2025	Dr. Ravishankar K	<i>Preference of E-Commerce and Digital Payment Mechanisms based on Economic Conditions of Selected Sectors in Telangana State</i>	Dr. Stefano Bresciani Professor, Department of Management Studies, University of Turin, Italy. Contact Number: 0040333412171 Email Id.: stefano.bresciani@unito.it	Dr. Raju Rathod Professor, Department of Business Management, Sardar Patel University, Sardar Patel University Colony, Nr. Central School, Vallabh Vidyanagar 388120, Gujarat. Contact Number: 9825271352 Email Id.: rm_rathod@spuvvn.edu		ABDC - 2		2		1. Shireesha, S. and Dr Ravi Shankar, K. (2024). A Study on Factors Affecting Digital Payment and Its Impact on Consumer Behaviour, European Economic Letters, Vol 14, Issue 2 (2024), pp.1394-1401 2 Shireesha, S. and Dr Ravi Shankar, K. (2024). Impact of Digital Payment Factors on E-commerce Success: Analyzing the Structural Relationships, Northern Economic Review. Vol. 15, No. 1 (2024), pp.225-233
40	Satish S / 20REEC1042	27.11.2025	Dr. Herald Anantha Rufus N	<i>Deep Learning Assisted Automatic Fetal Cardiac Ultrasound Image Classification for Congenital Heart Defect Prediction</i>	Dr. Grzegorz Chmaj Associate Professor, Department of Computer Science Engineering, UNLV University of Nevada, Las Vegas. Contact Number: 702-895-1369 Email Id.: grzegorz.chmaj@unlv.edu	Dr. K. Vasanth Associate Professor, Department of ECE, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad 75, Telengana. Contact Number: 9790760740 Email Id.: vasanthk_ece@cbit.ac.in	2(Q-2)	1 (Q2 - 1)	-	3	-	1. Satish, S. and Herald, A.R., 2024. Fuzzy attention U-Net Architecture based localization and YOLOv5 detection for fetal cardiac ultrasound images. Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications, 15(1), pp.01-16. 2 Sekar, S. and Rufus, H.A., 2024. Automatic segmentation based on optimization U-Net neural network (OU-NetNN) for fetal cardiac ultrasound images. International Journal of Information Technology, 17, 2477 2484. https://doi.org/10.1007/s41870-024-01972-1 . 3 Satish, S. and Rufus, N.H.A., 2024. Investigation on ultrasound images for detection of fetal congenital heart defects. Biomedical Physics & Engineering Express, 10(4), p.042001. https://doi.org/10.1088/2057-1976/ad4f91 .

Ph.D. Viva Voce Examination Completed List - Executive Council Meeting - DEC 2025 (Since last ECM dated 20-Sep-2025)

S.No.	Name / Reg.No	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
41	Sudharsanamorthy G / 19RHLW1002	24.12.2025	Dr. B. Someswara Rao	<i>Role of Media in Influencing Judicial Process in India - An Analysis</i>	Dr. M.A.D.S.J.S. Niriella Professor, Department of Public and International Law, University of Colombo, Sri Lanka. Contact Number: +94(0) 112585639 Email Id.: jeevaniriella@gmail.com	Dr. S. Shanthakumar, Professor, Department of Law, Gujarat National Law University, Attalika Avenue, Knowledge Corridor, Koba (sub P.O.), Gandhinagar - 382426, Gujarat. Contact Number: 7923276611 Email Id.: vc@gnlu.ac.in	-	-	UGC Care - 4	4	-	<p>1. Sudharsana Moorthy G, Dr. B Someswara Rao 2024. In India, the Right to a fair trial is a crucial element of the Indian Legal System – An Analysis, Shodh Kosh: Journal of Visual and Performing Arts, January- June 2024 5(1), 1705–1714.</p> <p>2 Sudharsana Moorthy G, Dr. B Someswara Rao 2024. The Role of Media Influence on the Judicial Process in India: An Analysis, Shodh Kosh: Journal of Visual and Performing Arts, April 2024 5(4), 288–296.</p> <p>3 Sudharsana Moorthy G, Dr. A Subramanyam., 2023. An Analytical Study of Media Laws in India: An Overview. International Journal of Food and Nutritional Sciences, Volume 11, Issue 1, pp.202635-202644</p> <p>4 Sudharsana Moorthy G, Dr. A Subramanyam., 2022. A Responsible Role in Imparting Information and Influencing Public Opinion. International Journal of Food and Nutritional Sciences, Volume 11, Issue 12, pp.202635-202644.</p>



Ref No: VTU / 28th Research Board / 2025 dt.27.10.2025

Date and Time : 27.10.2025 / 02.30 P.M – 04.00 P.M
Location of Meeting : Senate Hall
Mode : Hybrid Conferencing

Members Present

S. No.	Name of the Experts	Designation / Organization	Research Board Member
1	Prof. Dr. Rajat Gupta	Vice Chancellor, Vel Tech	Chairman
2	Prof. Dr. E. Kannan	Registrar, Vel Tech	Member
3	Prof. Dr. Raju Shanmugam	Dean, Academics, Vel Tech	Member
4	Prof. Dr. P. Chandrakumar	Dean, R&D, Vel Tech	Member
5	Prof. Dr. Valarmathi R S	Dean, SoEC, Vel Tech	Member
6	Prof. Dr. N. Kumarappan	Professor, Annamalai University, Annamalainagar	Expert Member
7	Prof. Dr. S. Rajaram	Professor, Thiagarajar College of Engineering, Madurai	Expert Member
8	Prof. Dr. Santanu Paria	Professor National Institute of Technology, Rourkela	Expert Member
9	Prof. Dr. Satyasai Jagannath Nanda	Professor, Malaviya National Institute of Technology, Jaipur	Expert Member
10	Mr. Hari Kumar K,	Managing Director, JH BIO Innovations Pvt. Ltd., Bengaluru	Expert Member (Industry)
11	Prof. Dr. S. Ramesh	Professor – CSE & Controller of Examinations	Special Invitee
12	Prof. Dr. K. Jagajjanani Rao	Dean (Research Studies), Vel Tech	Secretary
13	Other Invited Members	All Deans, Vel Tech	Invitees

Agenda Items

A. Opening

The Hon'ble Vice Chancellor, Chairman of the Research Board, welcomed all members to the 28th meeting. The session began with a presentation by the Dean (Research Studies) highlighting major research developments, followed by agenda discussions.

Item No. 28.1: To inform the Board about the leave of absence of members.

Action: All members are present in the meeting.

Item No. 28.2: To confirm and record the action taken report on the minutes of the 27th Research Board meeting held on 08.03.2025.

Action: The minutes of the previous meeting were confirmed. All major actions including Ph.D. scholar intake limits, online credit limits, recognition of new supervisors, and implementation of revised regulations have been successfully executed.

Item No. 28.3: To review the current statistics of research scholars' progression.

Action: The Dean (Research Studies) presented data indicating 1,064 scholars (30% full-time and 70% part-time). Most scholars completed coursework within one year, with minor delays noted in publication requirements. The Board approved quarterly progress reviews and Article Processing Charge (APC) support to expedite publications.

The Dean of Research Studies presented the following agenda for discussion to the board members.

B. Items for Discussion and Approval

Item No. 28.4: To approve the amendment of Clause 12.7 of the VTU Doctoral Regulations (DR) 2025.

Action: Approved. Clause 12.7 will be as “.....In any case, fellowship support for full-time scholars will be provided for a maximum of **30** months or until the date of thesis submission, whichever occurs earlier.

Item No. 28.5: To promote multidisciplinary Ph.D. programmes through domain-specific faculty groupings.

Action: The Board appreciated the initiative to form five multidisciplinary research groups:

- (1) Artificial Intelligence and Data-Driven Technologies
- (2) Smart and Sustainable Materials & Manufacturing
- (3) Renewable Energy and Environmental Technologies
- (4). Nano-Bio-Integrative Sciences and Engineering
- (5) Cyber-Physical Systems and Smart Infrastructure

It was advised to constitute a committee to finalize the structure of these groups and develop guidelines for admissions.

Item No. 28.6: To deliberate on the consideration of credits attained by discontinued and re-admitted scholars.

Action: The Board discussed the readmission cases and the feasibility of considering previously earned credits. It was recommended not to encourage such cases, as the duration of discontinuation exceeded the minimum period prescribed for the program.

The Dean of Research Studies presented the following agenda for Ratification to the board members.

C. Items for Ratification

Item No. 28.7: To ratify the provisional admission of Ph.D. candidates for the Summer Session 2025–26.

Action: Ratified the admission of 199 candidates (61 full-time and 138 part-time) across 18 departments.

The Dean of Research Studies presented the following agenda for Recording and Reporting to the board members.

D. Items for Recording and Reporting

Item No. 28.8: To record the vacant Research Supervisor positions for the Winter Session 2025–26.

Action: Recorded a total of 1,844 supervisor vacancies across departments, with the majority in CSE and ECE.

Item No. 28.9: To record the recognition and approval of new Research Supervisors since the last meeting.

Action: Recognized 224 faculty members as eligible Research Supervisors across various disciplines.

Item No. 28.10: To record the requirement of at least one Q1 journal publication for all research scholars enrolled on or after 01.01.2025.

Action: The Board noted that while publishing in Q1 journals is not a compulsory requirement, scholars should be encouraged to pursue such high-quality publications as they significantly enhance the research visibility and academic reputation of the Institute. The Board also appreciated the Institute's initiative in providing Article Processing Charge (APC) support to scholars aiming for Q1 publications, recognizing it as a commendable step toward promoting research excellence.

E. Closing

Item No. 28.11: Any other item with the permission of the Chairperson.

Action: The Chairperson commended the data-driven initiatives and urged the members to maintain continued focus on research quality. No additional items were discussed.

The meeting concluded with a vote of thanks to the Chairperson and members for their active participation and valuable contributions, proposed by the Secretary.


12/11/25
Prof. Dr. K. Jagajjani Rao

Dean (Research Studies) & Secretary, Research Board


Vice Chancellor

Chairman, Research Board

Prof. Rajat Gupta
Vice Chancellor





Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



51st MEETING
OF
THE ACADEMIC COUNCIL
Saturday, November 22, 2025

MINUTES

Contents

A. Opening	1
51.1 To record leave of absence of the members.	1
51.2 Call to Order and Approval of Agenda of the 51 th meeting of the Academic Council.	1
51.3 Confirmation of the minutes of 50 th meeting of the Academic Council held on Saturday, August 30, 2025.	2
51.4 To review the Action Taken Report on the minutes of the 50 th meeting of the Academic Council held on Saturday, August 30, 2025.	2
B. Items for Consideration and Approval	3
51.5 To consider and approve the minutes of the Research Advisory Board.	3
51.6 To discuss and approve the proposed amendments to be made in the Ph.D. Regulations VTR DR-2025.	3
C. Items for Ratification	4
51.7 To ratify and record the list of credit courses conducted by the experts from industries/faculty of higher learning institutions from abroad in IHL course category as per the clause 7.2.6.3 under the Regulations VTR UGE 2021.	4
51.8 To ratify and record the Amendments to the Academic Calendar for Winter Semester of AY 25-26.	5
D. Items for Reporting	5
51.9 To report and record the proposal to conduct 15 th Convocation held on November 29 & 30, 2025.	5
51.10 To report and record the results of the Ph.D. viva voce conducted since last Academic Council held on August 30, 2025.	6
51.11 To report and record the credit transfer for the list of courses offered in MOOC category as per the clause 7.2.3 & 7.2.4 under the Regulations VTR UGE 2021.	8
51.12 To report and record the Credit transfer for courses offered in collaboration with i) Industry - Wipro, ii) Industry - NASSCOM Skill Sector Council (SSC), iii) Industry - Flipkart as per the clause 7.2.3, 7.2.4, 7.2.5 & 7.2.6 under the Regulations VTR UGE 2021/VTR UGAS 2021.	8

51.13 To report and record the proposal to offer industry courses collaboratively with i) NASSCOM Future Skill Prime, ii) Pi Square Technology.	9
51.14 To report and record the status of Faculty attended FDP/Workshop details.	9
51.15 To report and record the status of Academic Audit for the Academic Year 2024-25.	9
51.16 To report and record the status of Implementation of ABC/APAAR ID.	10
51.17 To report and record the Question paper pattern/Evaluation pattern for Con- tinuous Internal Assessment (CIA)/Semester End Examination (SEE) <i>as per the</i> <i>clause 25.16.5</i> under the Regulations VTR UGE 2025.	11
51.18 To report and record the progression and achievements with the one year strate- gic plan of the ensuring academic year in respect of the schools and divisions.	11
<i>E. Closing</i>	12
51.19 Any other items with the permission of the Chairperson.	12
51.20 To decide the date of holding the next meeting of the Academic Council.	12
51.21 Vote of Thanks.	12
51.22 Adjournment	13

List of Tables

1 Action Taken Report in respect of 50 th meeting of the Academic Council	2
2 Ph.D. Viva Voce Completed	7
3 Department wise Research Scholars	7
4 Ph.D. Research Scholars – Publication Details	7

MINUTES OF THE 51st MEETING OF THE ACADEMIC COUNCIL

Saturday, November 22, 2025, at
10.30 a.m.

Venue : SENATE HALL

The Vice Chancellor welcomed all the members and highlighted the achievements of the Institution.

A. Opening

51.1 To record leave of absence of the members.

The following member have expressed their inability to attend the meeting due to unavoidable reasons.

* **Dr. Shahnaz K V**

Associate Professor & Associate Dean (Hostels), Dept. of Electronics and Communication Engineering

* **Dr. M. Gokuldhev**

Professor & HoD, Department of CSE(Data Science)

* **Dr. R. Parthasarathy**

Associate Professor & Assistant - HoD, Department of CSE

* **Dr.T.Kujani**

Professor & Assistant Dean (SoC), Department of CSD

The list of members attended the 51th meeting of the Academic Council can be accessed [here](#)



**Appendix Attendance &
Absent list**

RESOLVED to record the leave of absence of the members due to unavoidable prior commitments and some obvious reasons.

51.2 Call to Order and Approval of Agenda of the 51th meeting of the Academic Council.

The Vice Chancellor called to order and placed the agenda of the 51th meeting of the Academic Council for confirmation which was circulated to members by e-mail.

51.3 Confirmation of the minutes of 50th meeting of the Academic Council held on Saturday, August 30, 2025.

The draft minutes of the 50th meeting of the Academic Council held on August 30, 2025 were placed before the council for approval.

The draft minutes of the 50th meeting of the Academic Council can be accessed [here](#)



Appendix A

RESOLVED, that the Minutes of the 50th meeting of the Academic Council held on August 30, 2025 be confirmed and recorded.

51.4 To review the Action Taken Report on the minutes of the 50th meeting of the Academic Council held on Saturday, August 30, 2025.

The Vice Chancellor, placed the Action Taken Report in respect of the 50th meeting of the Academic Council as described in Table 1 for review and approval by the Academic Council.

Table 1: Action Taken Report in respect of 50th meeting of the Academic Council

Item No. & Page No.	Agenda Item	Discussions	Action Taken Report
50.7 and Page No. 6	To ratify and record the number of students admitted for the various degree programmes in the Academic Year 2025-26.	Vice-Chancellor suggested to constitute a committee to explore the ways and means to improve the students strength in the core departments	The Analytical report will be placed before the next meeting
50.17 and Page No. 13	Any other items with the permission of the Chairperson.	Discussed about the implementation of Institutional Development Plan (IDP) in our Institution. VC has assured that the same will be placed before the next meeting.	The proposal of the implementation of Institutional Development Plan (IDP) in the phased manner will be placed before the next meeting as soon as the plan is ready for submission.
50.17 and Page No. 13	Any other items with the permission of the Chairperson.	Discussion about the conduct of 15 th Convocation of this Institution.	The proposal for the conduct of 15 th Convocation on November 29&30, 2025 and it has been included in the Agenda item 51.9 for consideration and approval.

The Council has taken note on the Action Taken report of the 50th meeting of the Academic Council held on August 30, 2025.

RESOLVED, the Action Taken Report be approved.

B. Items for Consideration and Approval

51.5 To consider and approve the minutes of the Research Advisory Board.

The Vice Chancellor, placed the 28th meeting of the Research Advisory Board held on October 27, 2025 before the Academic Council for its approval.

Dr. K. Jagajjanani Rao, Professor & Dean Academic Research, presented the 28th meeting of the Research Advisory Board held on October 27, 2025.

The Research Advisory Board can be accessed [*here*](#)



**Appendix Research
Advisory Board**

The **The Registrar** and **Prof. Dr. Krishnan Bhaskar** have suggested to frame the procedures for admission prerequisites and also the nomenclature for awarding the Ph.D. degree in interdisciplinary Ph.D. programmes.

Prof. Dr. Sankar Narayanasamy suggested to formulate the Degree Nomenclature based on "Title of the Research Thesis".

The **Vice Chancellor** suggested to constitute the committee to frame the procedures for admission prerequisites and degree nomenclature for awarding the Ph.D. degree for interdisciplinary Ph.D. programmes.

Dr. K. Jagajjanani Rao, Professor & Dean Academic Research, moved "the 28th meeting of the Research Advisory Board held on October 27, 2025" for consideration and approval.

The motion was seconded by **Dr. S. Jayavelu**, Professor & Head, Department of Mechanical Engineering.

The motion was carried.

51.6 To discuss and approve the proposed amendments to be made in the Ph.D. Regulations VTR DR-2025.

The Vice Chancellor, placed the proposed amendments made in the Ph.D. Regulations **VTR DR - 2025** before the Academic Council meeting for approval.

Dr. K. Jagajjanani Rao, Professor & Dean Academic Research, presented the proposed amendments made in the Ph.D. Regulations **VTR DR - 2025**.

The proposed Amendments made in the Ph.D. Regulations VTR DR - 2025 can be accessed [here](#)



**Appendix
Ammdments**

Honourable Chairman sought the clarification about the process for Migration in between Full-time and Part-time programmes.

Dean Research Studies clarified that "there is a provision for part time to full time conversion. 50% of their time duration in part time will be considered for full time admission".

The motion was moved by **Dr. K. Jagajjanani Rao**, Professor & Dean - Research Studies, for consideration and ratification.

The motion was seconded by **Dr. M. Rajeev Kumar**, Professor & Dean - Quality Assurance.

The motion was carried.

C. Items for Ratification

51.7 To ratify and record the list of credit courses conducted by the experts from industries/faculty of higher learning institutions from abroad in IHL course category as per the clause 7.2.6.3 under the Regulations VTR UGE 2021.

The Vice Chancellor, placed the details of credit courses conducted by the experts from industries/faculty of higher learning institutions from abroad in IHL course category as per the clause 7.2.6.3 under the Regulations VTR UGE 2021 before the Academic Council for ratification.

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the list of credit courses conducted by the experts from industries/faculty of higher learning institutions from abroad in IHL course category as per the clause 7.2.6.3 under the Regulations VTR UGE 2021.

*The List of I.H.L courses can be
accessed [here](#)*



**Appendix IHL
Courses**

The motion was moved by **Prof. (Dr.) S. Raju**, Professor & Dean Academics, for consideration and ratification.

The motion was seconded by **Dr. S. P. Chokkalingam**, Professor & Dean - SoC.

The motion was carried.

51.8 To ratify and record the Amendments to the Academic Calendar for Winter Semester of AY 25-26.

The Vice Chancellor, placed the Amendments to the Academic Calendar for Winter Semester of AY 25-26 before the Academic Council for ratification.

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the Amendments to the Academic Calendar for Winter Semester of AY 25-26.

The Academic Calendar for AY 2025-26 can be accessed [here](#)



Appendix Academic Calendar

Prof. (Dr.) S. Raju, Professor & Dean Academics, explained the need of making those amendments in the Academic Calendar.

Dr. P. Chandrakumar, Professor & Dean – R&D and Industry Relations, suggested to allocate specific slot for offering the Industry / Higher Learning Institute(IHL) Courses.

The motion was moved by **Prof. (Dr.) S. Raju**, Professor & Dean Academics, for consideration and ratification.

The motion was seconded by **Prof. Dr. B. Venugopal**, Professor & Dean - SoL.

The motion was carried.

D. Items for Reporting

51.9 To report and record the proposal to conduct 15th Convocation held on November 29 & 30, 2025.

The Vice Chancellor, placed the proposal of the "15th Convocation" to be held on November 29 & 30, 2025 before the Academic Council Meeting.

Dr.E. Kannan, Professor & Registrar, detailed the arrangements made for the conduct of the convocation successfully as follows :

Summary Note :

The 15th Convocation of this Institution is scheduled to be held on November 29 & 30,2025 at the Convocation Hall.

A total of 3,030 graduands (approximately) will receive their degrees during the ceremony, including:

- 2,623 Undergraduates
- 313 Postgraduates
- 95 Ph.D. scholars

Chief Guest : Dr. V. Narayanan, Secretary, Department of Space; Chairman, ISRO & Space Commission, ISRO Headquarters, Bengaluru. He will receive the Honorary Degree for his contributions in the area of Science and Technology, and he will deliver the Convocation Address.

Guests of Honour:

1. Mr. Debashis Neogi, Managing Director, Renault Nissan Technology & Business Centre, Chennai.
2. Mr. Anil Kempanna, Managing Director & Global Lead, Silicon-to-Software Engineering, Accenture, Bengaluru.

They will deliver special addresses during the session.

2. Day 2 – 30 November 2025

Chief Guest: Dr. Gautam Biswas, Ph.D. (IIT Kharagpur), FNA, J.C. Bose National Fellow, Professor, Department of Mechanical Engineering; Former Director, IIT Guwahati; Former Director, CSIR-Central Mechanical Research Institute, Durgapur and he will deliver the Convocation Address.

Guests of Honour:

1. Dr. R. Vijay, Director, International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Hyderabad
2. Mr. S. Kalyanaraman, Executive Vice President – Industrial Machinery Business, Larsen & Toubro Limited, Chennai

They will deliver special addresses on the second day.

All necessary arrangements, including police bandobast, fire safety measures, and logistics, have been made properly. Invitations are to be sent to the distinguished members of statutory bodies and other delegates well in advance.

This proposal is submitted before the august body of the Academic Council for kind consideration and approval.

External members suggested to utilize the opportunity to meet the guest's to discuss about the Research progression.

RESOLVED that "the proposal of the "15th Convocation" held on November 29 & 30, 2025" moved by **Dr.E. Kannan**, Professor & Registrar, be approved and recorded.

51.10 To report and record the results of the Ph.D. viva voce conducted since last Academic Council held on August 30, 2025.

The Vice Chancellor, placed the results of the Ph.D. viva voce examinations conducted since last Academic Council held on August 30, 2025 before the Academic Council Meeting for approval.

Dr. S. Ramesh, Controller of Examinations, presented the report on results of the Ph.D. viva voce examinations conducted since last Academic Council held on August 30, 2025.

Ph.D. viva voce completed candidates list can be accessed [here](#)



Appendix Ph.D. viva voce

Table 2: Ph.D. Viva Voce Completed

Part Time Research Scholars		Full Time Research Scholars	Total Research Scholars since Last Academic Council Meeting
Internal	External		
03	16	14	33

Table 3: Department wise Research Scholars

Department	No. of Scholars			Total
	PT – E	PT - I	FT	
Aeronautical Engineering		1		1
Automobile Engineering			1	1
Biotechnology			1	1
Civil Engineering			4	4
Computer Science & Engineering	5	2		7
Electrical and Electronics Engineering	1			1
Electronics and Communication Engineering	5		2	7
English			3	3
Management Studies	1			1
Mathematics	2		2	4
Mechanical Engineering	1			1
Law	1		1	2
TOTAL				33

Table 4: Ph.D. Research Scholars – Publication Details

No. of Scopus indexed Research Articles	No. of SCI/ ESCI/WoS indexed Research Articles	UGC Care Research Articles	ABDC Research Articles	Others	Total No. of Papers Published	Patents
50	43	12	2	15	122	6 (All Published)

A. Total Number of Q1 Journals Published – 17 Research Articles

B. Total Number of Q2 Journals Published – 21 Research Articles

RESOLVED that "the results of the Ph. D. viva voce examinations conducted since last Academic Council held on August 30, 2025" moved by **Dr. S. Ramesh**, Controller of Examinations, be approved and recorded.

51.11 To report and record the credit transfer for the list of courses offered in MOOC category as per the clause 7.2.3 & 7.2.4 under the Regulations VTR UGE 2021.

The Vice Chancellor, placed the credit transfer for the list of courses offered in MOOC category *as per the clause 7.2.3 & 7.2.4* under the Regulations VTR UGE 2021 before the Academic Council for its perusal.

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the credit transfer for the list of courses offered in MOOC category *as per the clause 7.2.3 & 7.2.4* under the Regulations VTR UGE 2021.

The list of courses offered in MOOC category can be accessed [here](#)



Appendix MOOC Courses

RESOLVED that "the credit transfer for the list of courses offered in MOOC category *as per the clause 7.2.3 & 7.2.4* under the Regulations VTR UGE 2021" moved by **Prof. (Dr.) S. Raju**, Professor & Dean Academics, be approved and recorded.

51.12 To report and record the Credit transfer for courses offered in collaboration with i) Industry - Wipro, ii) Industry - NASSCOM Skill Sector Council (SSC), iii) Industry - Flipkart as per the clause 7.2.3, 7.2.4, 7.2.5 & 7.2.6 under the Regulations VTR UGE 2021/VTR UGAS 2021.

The Vice Chancellor, placed the Credit transfer for courses offered in collaboration with i) Industry - Wipro, ii) Industry - NASSCOM Skill Sector Council (SSC), iii) Industry - Flipkart *as per the clause 7.2.3, 7.2.4, 7.2.5 & 7.2.6* under the Regulations VTR UGE 2021/VTR UGAS 2021 before the Academic Council for its perusal.

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the report and record the Credit transfer for courses offered in collaboration with i) Industry - Wipro, ii) Industry - NASSCOM Skill Sector Council (SSC), iii) Industry - Flipkart *as per the clause 7.2.3, 7.2.4, 7.2.5 & 7.2.6* under the Regulations VTR UGE 2021/VTR UGAS 2021.

The list of courses offered in MOOC category can be accessed [here](#)



Appendix Industry/Academia collaboration

Dr. P. Chandrakumar and **Dr. K. Ravishankar** explained the flagship program opportunities offered by Flipkart for B.B.A. and M.B.A. students.

RESOLVED that "Credit transfer for courses offered in collaboration with i) Industry - Wipro, ii) Industry - NASSCOM Skill Sector Council (SSC), iii) Industry - Flipkart *as per the clause 7.2.3, 7.2.4, 7.2.5 & 7.2.6* under the Regulations VTR UGE 2021/VTR UGAS 2021" moved by **Prof. (Dr.) S. Raju**, Professor & Dean Academics, be approved and recorded.

51.13 To report and record the proposal to offer industry courses collaboratively with i) NASSCOM Future Skill Prime, ii) Pi Square Technology.

The Vice Chancellor, placed the proposal to offer industry courses collaboratively with i) NASSCOM Future Skill Prime, ii) Pi Square Technology before the Academic Council for its perusal.

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the proposal to offer industry courses collaboratively with i) NASSCOM Future Skill Prime, ii) Pi Square Technology.

The details of the proposal to offer industry courses can be accessed

here



Appendix NASSCOM and Pi-Square

RESOLVED that "the proposal to offer industry courses collaboratively with i) NASSCOM Future Skill Prime, ii) Pi Square Technology" moved by **Prof. (Dr.) S. Raju**, Professor & Dean Academics, be approved and recorded.

51.14 To report and record the status of Faculty attended FDP/Workshop details.

The Vice Chancellor, placed the status of Faculty attended FDP/Workshop details before the Academic Council for its approval.

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the status of Faculty attended FDP/Workshop details.

The list of Faculty attended FDP/Workshop details can be

accessed here



Appendix FDP/Workshop details

Dr. P. Chandrakumar, suggested to schedule the Faculty Training in Industry for more than One Week.

RESOLVED that "the status of Faculty attended FDP/Workshop details" moved by **Prof. (Dr.) S. Raju**, Professor & Dean Academics, be approved and recorded.

51.15 To report and record the status of Academic Audit for the Academic Year 2024-25.

The Vice Chancellor, placed the status of Academic Audit for the Academic Year 2024-25 before the Academic Council for its perusal.

Dr. M. Rajeev Kumar, Professor & Dean (Quality Assurance), presented the status of Academic Audit for the Academic Year 2024-25 as follows:

The status of Academic Audit for the Academic Year 2024-25 details can be accessed [here](#)



Appendix Academic Audit

Summary Note:

The Academic Audit for the Academic Year 2024–25 was conducted during August–September 2025. The audit focused on three key dimensions of academic quality:

1. *Curriculum Design and Relevance*
2. *Teaching–Learning Processes*
3. *Assessment and Evaluation Practices*

To ensure a comprehensive and objective evaluation, Academic Experts from reputed institutions ranked within the Top 100 in NIRF 2023/2024 (in their respective categories) were invited to serve as auditors.

In an enhanced initiative for this audit cycle, Industry Experts from leading organizations were also included in the process to provide valuable insights and recommendations from an industry perspective, ensuring alignment of academic programs with current and emerging professional requirements.

RESOLVED that "Academic Audit for the Academic Year 2024-25" moved by **Dr. M. Rajeev Kumar**, Professor & Dean (Quality Assurance), be approved and recorded.

51.16 To report and record the status of Implementation of ABC/APAAR ID.

The Vice Chancellor, placed the status of Implementation of ABC/APAAR ID for the purview of members.

Dr. S. Ramesh, Controller of Examinations, presented the status of Implementation of ABC/APAAR ID.

ABC/APAAR ID list can be accessed [here](#)



Appendix ABC/APAAR ID

Prof. Krishnan Baskar suggested to plan the APAAR ID/ABC creation during the admission process itself by emphasizing its significance so that it is properly communicated to students.

RESOLVED that "the status of Implementation of ABC/APAAR ID" moved by **Dr. S. Ramesh**, Controller of Examinations, be approved and recorded.

51.17 To report and record the Question paper pattern/Evaluation pattern for Continuous Internal Assessment (CIA)/Semester End Examination (SEE) as per the clause 25.16.5 under the Regulations VTR UGE 2025.

The Vice Chancellor, placed the Question paper pattern/Evaluation pattern for Continuous Internal Assessment (CIA)/Semester End Examination (SEE) as per the clause 25.16.5 under the Regulations VTR UGE 2025 for the perusal of Academic Council.

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the Question paper pattern/Evaluation pattern for Continuous Internal Assessment (CIA)/Semester End Examination (SEE) as per the clause 25.16.5 under the Regulations VTR UGE 2025..

The Question paper/Evaluation pattern can be accessed [here](#)



Appendix Question paper/Evaluation pattern

RESOLVED that "the Question paper pattern/Evaluation pattern for Continuous Internal Assessment (CIA)/Semester End Examination (SEE) as per the clause 25.16.5 under the Regulations VTR UGE 2025" moved by **Prof. (Dr.) S. Raju**, Professor & Dean Academics, be approved and recorded.

51.18 To report and record the progression and achievements with the one year strategic plan of the ensuring academic year in respect of the schools and divisions.

- a) School of Electrical and Communication.
- b) School of Media Technology.
- c) Office of International Relations.

The Vice Chancellor, placed the progression of School of Electrical and Communication, School of Media Technology and Office of International Relations and their academic achievements before the Academic Council for its perusal.

a) School of Electrical and Communication

Prof.Dr. R.S.Valarmathi, Professor & Dean - School of Electrical and Communication, presented the Progression of School of Media Technology and their academic achievements.

Progression of the School of Electrical and Communication can be accessed [here](#)

Members suggested to create an awareness on the importance of Hounors/Minor to Fast Learner among the students.

RESOLVED that "the Progression of School of Electrical and Communication and their academic achievements" moved by **Prof.Dr. R.S.Valarmathi**, Professor & Dean - School of Electrical and Communication, be approved and recorded.

b) School of Media Technology.

Dr. E. Suresh Paul, Professor & Dean School of Media Technology & Communication, presented the Progression of School of Media Technology and their academic achievements.

Progression of the School of Media Technology can be accessed [here](#)

RESOLVED that "the Progression of School of Electrical and Communication and their academic achievements" moved by **Dr. E. Suresh Paul**, Professor & Dean School of Media Technology & Communication, be approved and recorded.

Prof. Venkat Rao suggested that the Law Department conduct an awareness program on the Data Protection Act.

c) Office of International Relations.

Dr. P. Suresh, Professor & Dean (International Relations & HRDC), presented the Progression of Office of International Relations and their academic achievements.

Progression of the Office of International Relations can be accessed [here](#)

RESOLVED that "the Progression of School of Electrical and Communication and their academic achievements" moved by **Dr. P. Suresh**, Professor & Dean (International Relations & HRDC), be approved and recorded.

E. Closing

51.19 Any other items with the permission of the Chairperson.

The Controller of Examinations informed to mention the one item under this category.

Discussion on Ranking Procedure for the Award of Gold Medal.

Members suggested to award gold medals to all top three candidates.

51.20 To decide the date of holding the next meeting of the Academic Council.

It has been decided that the 52nd Regular Meeting of the Academic Council will be held tentatively on **Saturday, February 28, 2026**.

51.21 Vote of Thanks.

Dr. E. Kannan, Professor & Registrar, expressed his thanks to all the members of the Academic Council for their presence and valuable contributions.

51.22 Adjournment

The meeting was adjourned at 01.20 PM.



**AGENDA and MINUTES OF THE 38th MEETING OF
FINANCE COMMITTEE
on 13.12.2025 (Saturday) at 10.30 a.m.
VENUE : INTERNATIONAL CONFERENCE HALL.**

Item.No	AGENDA ITEM
A. OPENING	
38.1	<i>To inform the Committee about the leave of absence of the members.</i>
38.2	<i>To record the notice convening 38th Meeting of the Finance Committee scheduled on December 13, 2025.</i>
38.3	<i>To approve and record the Agenda of the 38th Meeting of the Finance Committee scheduled on December 13, 2025.</i>
38.4	<i>To review the action taken on the decisions of the previous meeting held on September 13, 2025.</i>
38.5	<i>To approve and record the minutes of the 37th meeting of the Finance Committee held on September 13, 2025.</i>
38.6	<i>To approve and record the actual expenditure and committed expenditure for a period from September 01, 2025 to November 30, 2025.</i>
38.7	<i>To approve and record the audited Financial Statement for the FY 2024-25.</i>
38.8	<i>Any other items with the permission of the Chairperson.</i>
38.9	<i>To consider and approve the date for holding the next Finance Committee meeting to be held in the month of March 2026.</i>
VOTE OF THANKS	

MEMBERS

- | | |
|---|---------------------------|
| 1. Prof. Dr. Rajat Gupta,
Vice Chancellor,
Vel Tech. | Chairperson |
| 2. Dr.R.Sivaraman
Pro Vice-Chancellor,
Vel Tech. | Member (Ex-Officio) |
| 3. Mrs. Rangarajan Mahalakshmi Kishore
Chairperson Managing Trustee,
Vel Tech. | Trust Nominee |
| 4. Prof. Dr. E. Kannan,
Registrar,
Vel Tech. | Executive Council Nominee |
| 5. Dr. P. Chandrakumar,
Dean (Industry Relations),
Vel Tech. | Executive Council Nominee |
| 6. Dr. M. Rajeev Kumar,
Dean (Quality Assurance),
Vel Tech. | Executive Council Nominee |
| 7. Prof. P. Natarajan
Department of Commerce
Pondicherry University
R Venkat Raman Nagar
Kalapet, Pondicherry-605014. | UGC Nominee |
| 8. Dr. S. Raju
Dean (Academics),
Vel Tech. | Chancellor Nominee |
| 8. Dr. S. P. Chokkalingam
Dean (School of Computing),
Vel Tech. | Chancellor Nominee |
| 9. Dr. K. Jagajjani Rao
Dean (Research Studies),
Vel Tech. | Chancellor Nominee |
| 10. Mr. P. Sakthi Ajay
Finance Officer,
Vel Tech. | Secretary |

MINUTES OF THE 38th MEETING OF FINANCE COMMITTEE

Quorum was present.

The meeting was called to order.

The Vice Chancellor welcomed the members who were present.

The Agenda was taken up for discussion.

The Vice Chancellor presided over the meeting.

The Chairperson and the Vice-Chancellor, in his welcome address, expressed his gratitude to the Honourable Chancellor, the UGC nominee to the Finance Committee, Prof. P. Natarajan, and all other members present.

In his address, the Vice-Chancellor highlighted some of the notable achievements of the Institution during the current quarter of the academic year, as detailed below:

- ★ The successful conduct of the 15th Convocation, including the conferment of the prestigious Honorary Doctoral Degree on Dr. V. Narayanan, Secretary, Department of Space, ISRO, for his exemplary work and contributions in the area of Science and Technology along with a brief overview of the proceedings.*
- ★ Ranking of the Institution in the 1001–1200 band out of 2,191 universities in the Times Higher Education (THE) World University Rankings 2026.*
- ★ Placement in the 951–1000 band in the QS Asia Rankings 2026, with a 312th position in the Southern Asia region.*
- ★ Recognition of the Institution with the “Excellence in Outcome-Based Education & New-Age Learning” award at the 34th Elets World Education Summit held in Chennai, and the IEI Engineering Education Excellence Award 2025.*
- ★ Execution of nine (9) Memoranda of Understanding (MoUs) with international universities for academic and research collaboration during the academic year 2025–26.*
- ★ Successful organization of an international alumni meet in Taiwan in the presence of the Vice Chancellor.*
- ★ Sponsor of seven students to Japan for one week through the fully funded Sakura Science Programme commencing in the month of January 2026.*
- ★ Award of 100% scholarship for 13 students for Master’s abroad.*
- ★ Organisation of start-up and Investor (SAI) summit 2025, the flagship annual event of Vel Tech TBI on 25th October 2025.*
- ★ The Visit of the Vice Chancellor with the Dean International Relations to Thailand to establish new partnerships and strengthening the existing ones for the academic and research collaboration.*

Table 1: Publication Details

S.No.	Parameter	Till Last Meeting	As on date
1.	Scopus Publications	12,549	13,430
2.	Web of Science Publications	4,672	4,953
3.	Scopus h-index	125	127
4.	Web of Science h-index	80	81
5.	Scopus Citations	99,649	1,07,282
6.	Web of Science Citations	43,493	47,299
7.	Ph.D. completed	377	419
8.	Patent(s)	As on date, 479 (432) filed in which 78 (77) were granted & 323 were published.	
9.	Funded Project(s)	As on date, 312 (128) projects worth Rs.72.37 Crore which includes international collaborations.	

38.1 To inform the Committee about the leave of absence of the members.

The Chairperson informed the Finance Committee about the participation of all members in the Finance committee meeting.

RESOLVED, That the presence of all the members be recorded.

38.2 To record the notice convening 38th Meeting of the Finance Committee scheduled on December 13, 2025.

A copy of the 38th Finance Committee meeting notice, sent to the members by mail is placed at Appendix-A in the form of clickable link and readable QR code.

A. 38th FCM Notice



RESOLVED, That the Meeting Notice be approved and recorded.

38.3 To approve and record the Agenda of the 38th Meeting of the Finance Committee scheduled on December 13, 2025.

The Agenda of the 38th Finance Committee meeting is given in the page number 1.

RESOLVED, That the Agenda of the 38th Finance Committee meeting be approved and recorded.

38.4 To review the action taken on the decisions of the previous meeting held on September 13, 2025.

The Action Taken Report on the items of the previous Finance Committee meeting held on September 13, 2025 is given below:

Table1: Action Taken Report

Item.No	Item	Decision Taken	Action Taken
37.6	To approve and record the actual expenditure and committed expenditure for a period from June 01, 2025 to August 31, 2025.	Discussed this item submitted by the Finance Officer and the committee recommended utilisation of the budget amount by various departments should be monitored properly.	The suggestions of the members are accepted and recorded.
37.7	To approve and record the provisional Financial Statement for the FY 2024-25.	The committee discussed the provisional Financial Statement for the FY 2024-25 and recommended approval of the same.	Recorded.

RESOLVED, That the Action Taken Report of the 37th Finance Committee meeting be approved and recorded.

38.5 To approve and record the minutes of the 37th meeting of the Finance Committee held on September 13, 2025.

A copy of the minutes of the 37th FC minutes is placed below at Appendix-B .



B. 37th FCM Minutes



RESOLVED, That the minutes of the 37th Finance Committee meeting be approved and recorded.

38.6 To approve and record the actual expenditure and committed expenditure for a period from September 01, 2025 to November 30, 2025.

The actual expenditure and committed expenditure for a period from September 01, 2025 to November 30, 2025 submitted by the Finance Officer for discussion and approval is placed in the Appendix-C.



The Finance Officer presented a comprehensive account of both the committed expenditure and the actual expenditure incurred by the Institution up to the current period. Prof. Natarajan, External Examiner, sought clarification on the proportion of expenditure in relation to the total approved budget. In response, the Finance Officer clarified that 69% of the total budget allocation had been utilized so far.

The External Member expressed his appreciation for the Institution's responsible and timely financial management, noting that the utilization of a substantial portion of the allocated funds well before the final quarter reflected prudent planning and avoided last-minute or rushed spending.

Subsequently, Prof. P. Natarajan sought further clarification on whether the process of budget re-appropriation would have any significant impact on overall expenditure patterns. The Finance Officer responded that, during the re-appropriation exercise, priority would be accorded to essential administrative and operational requirements, ensuring smooth functioning of the Institution.

The Chancellor observed that enhanced financial allocation towards Alumni activities was necessary, emphasizing that alumni play a vital role as ambassadors in promoting the Institution's growth, reputation, and outreach. He further suggested that funds collected from final-year students could also be judiciously utilized to support Alumni initiatives and advised the Finance Officer to take appropriate steps to ensure effective implementation of this suggestion..

The Chairperson and the Vice Chancellor sought clarification on the plans of the CSE Department for utilizing the financial allocations, as a considerable portion of the resources had been allotted to CSE. In response, the Dean, School of Computing stated that a substantial portion of the allocation, approximately 90–92%, would be utilized for events organized by the Department of Computer Science in January 2026.

The Chancellor sought clarification on the methodology being followed by the Institution for the utilization of funds available under various heads before the close of the financial year. In response, the Chairperson and Managing Trustee pointed out that one more quarter would still remain for fund utilization, by which time a considerable portion of the allocated funds would have been utilized.

Prof. Natarajan expressed his appreciation that Vel Tech has demonstrated sound and systematic planning, budgeting, and fund utilization practices. The Chairman and the Vice Chancellor acknowledged his compliments.

RESOLVED, That the actual expenditure and committed expenditure for a period from September 01, 2025 to November 30, 2025 be approved and recorded.

38.7 To approve and record the audited Financial Statement for the FY 2024-25.

The audited Financial Statement for the FY 2024-25 submitted by the Finance Officer for discussion and approval is placed in the Appendix-D



D. Audited Financial Statement



Prof. Natarajan sought clarification on whether the increase in student strength, augmentation of resources, and expenditure were in rational proportion. He further opined that if higher income is generated through additional resources, the Institution may consider being more liberal in allocating funds for developmental activities.

The Finance Officer responded that, at present, student strength, resources, and expenditure are proportionate to each other.

The Chancellor pointed out that the Agenda and all relevant documents should be submitted to him well in advance of the meeting. He also requested that the Minutes of the meeting be forwarded promptly thereafter, so that he may offer his remarks for more effective planning.

RESOLVED, That the audited Financial Statement for the FY 2024-25 be approved and recorded.

38.8 Any other items with the permission of the Chairperson.

No item other than those included in the Agenda were taken up for discussion.

38.9 To consider and approve the date for holding the next Finance Committee meeting to be held in the month of March 2026.

It has been decided to hold the next meeting in the second week of March 2026,

VOTE OF THANKS

The Finance Officer expressed his sincere thankfulness and gratitude to all the members of the Finance Committee for attending the meeting and sharing their valuable suggestions and inputs. He pointed out the excellent co-operation from his staff from the Accounts department to provide all requisite data as and when required. This helps him a lot right from the beginning. He also thanked all the administrative and technical staff members involved in the successful conduct of the Finance Committee meetin,



**Minutes of the 27th Meeting of
Internal Quality Assurance Cell
Held on 16.09.2025 at 02.30 p.m.
Venue: International Conference Hall**



A. OPENING

27.1 Call to Order

Call to order for the 27th Meeting of Internal Quality Assurance Cell (IQAC) on September 16, 2025.

The 27th Meeting of the IQAC was formally called to order by the Honourable Vice Chancellor, who extended a warm welcome to all the esteemed members of the IQAC Committee.

In his opening remarks, the Vice Chancellor expressed his heartfelt gratitude to the external members, Dr. S. Muttan and Mr. J.E. Simon for their physical presence, and Dr. A. R. Arvind for joining online, acknowledging their continued support and valuable contributions toward the institution's quality enhancement initiatives. He further shared key institutional developments and progress made since the last IQAC meeting.

27.2 To record the leave of absence of the members

Of the 27 members, 23 were present for the meeting.

Please refer to Appendix 1 (Page No. 11) for the members list.

27.3 Approval of Agenda of 27th Meeting of IQAC

The Agenda of the 27th Meeting of IQAC was approved.

Please refer to Appendix 2 (Page No. 12) for the Agenda.

27.4 To review the action taken on the decisions of the 26th Meeting of IQAC held on June 14, 2025

Dr. M. Rajeev Kumar, Dean (QA) has presented the Action Taken Report of the 26th Meeting of IQAC. The observations and action taken is given below:

Item No.	Observation	Action Taken
26.5	To discuss the promotion under Career	<ul style="list-style-type: none">Faculty have been made well aware of the performance categorization criteria, corresponding institutional

	Advancement Scheme (CAS) and Performance based Faculty Appraisal System conducted for AY 2024-25	<p>incentives, and the rubrics and evaluation templates for PBFAS to ensure clarity and transparency.</p> <ul style="list-style-type: none"> To enhance the quality of publications considered for CAS, Conference publications will not be considered for assessment from next academic year onward.
26.6	To discuss strategies for enhancing publication quality through collaborations	<ul style="list-style-type: none"> Initiated strategies to increase the no. of publications in High-Quartile Journals and to accelerate patent filing/publishing initiatives. Facilitating inter-school and interdisciplinary project collaborations to promote innovative and cross-domain research. Conducted school-wise awareness sessions on issues related to article/journal retraction and delisting from indexed databases to ensure research integrity and quality compliance.
26.7	a) To discuss the placement statistics for the AY 2024-25	<ul style="list-style-type: none"> Place AI: An application integrated with past data to predict placement patterns is currently under development.
	b) To discuss the statistics of higher studies for the AY 2024-25	<ul style="list-style-type: none"> A gap analysis of the institution's higher studies trends with those of developed nations is conducted for further areas of improvement. 20+ international higher education awareness sessions conducted, featuring representatives from the Embassies of France, Germany and Taiwan. Student Ambassadors appointed to provide peer-to-peer guidance on SOPs, LORs, test preparation, and timelines to the next batch of students. Dedicated workshops for GRE, IELTS, TOEFL, and GMAT preparation and Awareness sessions on major government-funded and institutional scholarships is organized.
26.8	To discuss the status of NBA accreditation	<ul style="list-style-type: none"> Two rounds of mock visit for the departments have been completed. Preparation of documentary evidence is under progress.
26.9	To discuss the Awards, Rankings Participated/ Received	<ul style="list-style-type: none"> Conducted an analysis of the NIRF India Rankings 2025 and benchmarked them against Tamil Nadu-based ranked institutions.

		<ul style="list-style-type: none"> Measures have been initiated to prepare the pre-qualifiers and conduct the initial level screening of eligible UG engineering programmes.
--	--	---

B. ITEMS FOR DISCUSSION AND CONSIDERATION

27.5	<p>To discuss the analysis of observations from the Academic Audit conducted for AY 2024-25</p> <p>The committee reviewed the observations from the Academic Audit for AY 2024-25, conducted during August 2025 across various departments. The Deans of the Schools concerned presented the key findings and recommendations from the audit reports of the departments concerned during the meeting. The key discussions and recommendations are provided below:</p> <p>School of Computing:</p> <p>Discussion:</p> <p>The review focused on curriculum gaps, stakeholder feedback, and alignment of Course Outcome (COs) and Program Outcome (POs). It was suggested to collect and analyze feedback from students, alumni, and industry experts to strengthen curriculum design. Course Coordinators (CC) were advised to review and update CO–PO–PSO mapping, ensuring faculty receive POs before syllabus preparation. The inclusion of emerging technologies such as Cloud Computing and Docker was recommended to enhance industry relevance. The committee emphasized proper CO–PO mapping with balanced contact hours, introducing additional or Value-Added Courses (VACs) where gaps are identified.</p> <p>Data Science courses are to remain application-oriented, and project titles are to be centrally tracked to ensure uniqueness and encourage student publication and patent filing.</p> <p>Common rubrics are to be used for experiments and projects to ensure fair assessment. Employer feedback obtained through online and placement channels to be systematically compiled. Teaching–learning methods are to be balanced between traditional and innovative approaches and documented in the syllabus for consistent implementation.</p> <p>Resolution:</p> <p>It was resolved that stakeholder feedback be consolidated and analyzed for curriculum improvement, and CO–PO–PSO mapping be systematically reviewed and aligned. Emerging technologies are to be integrated into the curriculum, and additional courses to be introduced to address mapping gaps. The student project and assessment processes standardized, while employer feedback is to be effectively utilized for updating the syllabus. Teaching–Learning</p>
------	--

methods have to be documented to ensure effective delivery and continuous quality enhancement.

School of Electrical & Communication:

Discussion:

The committee reviewed the automation practices in academics and assessments, curriculum enhancement, and faculty engagement. It was noted that student attendance is effectively managed through the Academic Management System (AMS) with automated reports and notifications, and further automation using learning technology may be explored as a university-wide initiative. The proposal to conduct one of the three internal tests as an open book test was discussed, emphasizing the need for faculty training in question design and suggesting workshops to build readiness. The committee observed that the audit report of the Department of Biomedical Engineering was too generic and recommended including a briefing on departmental procedures and the academic audit manual to ensure future reports with detailed departmental analysis for actionable outcomes. Integration of Artificial Intelligence (AI) and Machine Learning (ML) into biotechnology courses was discussed, highlighting the importance of reliable datasets through collaborations with research institutes such as Indian Institute of Spices Research (IISR) and Tamil Nadu Agricultural University (TNAU). It was proposed to explore AI/ML-focused electives aligned with the ongoing Bio-AI initiatives. Access to datasets from platforms like Kaggle was also discussed, and it was decided that the existing School of Computing subscription could be shared with the ECE department to support project-based learning. Clarification was made that each course may align with one or two PSOs rather than all, and assignments and seminars may contribute to CO–PO mapping by enhancing communication and ethical competencies. In addition, the committee advised the faculty to participate as evaluators in hackathons such as SIH to strengthen problem-solving and mentoring capabilities.

Resolution:

It was resolved that student attendance will continue to be managed through AMS with automated notifications, and further automation opportunities will be explored. The audit team will be requested to provide more specific, course-level recommendations in future reports. AI/ML-based electives in biotechnology will be introduced through collaborations ensuring access to large datasets. PSOs will be mapped to relevant courses for meaningful alignment, while assignments, seminars, and similar activities will be integrated into CO–PO mapping with emphasis on communication and ethics. Faculty will be encouraged to participate actively as evaluators in hackathons to enhance their exposure and improve student mentorship quality.

School of Mechanical & Construction

Discussion:

The committee discussed the need to enhance automation, assessment monitoring, and evaluation practices. It was noted that certain activities, such as attendance tracking and preparation of meeting minutes, are still managed manually and could be automated to improve efficiency. The audit experts also emphasized the need for better monitoring of absenteeism and ensuring assessments are aligned with Bloom's taxonomy levels. Faculty were advised to verify that assessments meet the cognitive levels prescribed under Revised Bloom's Taxonomy, with support from a department scrutiny committee. To ensure fairness in evaluation, it was recommended that random student answer scripts be periodically reviewed. The committee further discussed the limited number of industry-relevant projects and proposed the inclusion of more collaborative and capstone projects incorporating Technology Readiness Levels (TRL).

The audit team's suggestion regarding attendance marks was also reviewed. It was recommended that attendance be considered only for eligibility purposes, and the marks currently allotted to attendance could be reassigned to assignments. Additionally, it was suggested that the department Project Review Committee should include publications as one of the evaluation rubrics to promote research output.

Resolution:

It was resolved that attendance tracking and preparation of meeting minutes will be automated wherever feasible, and absenteeism will be monitored digitally. Assessments will be reviewed and aligned with Revised Bloom's Taxonomy (RBT) levels, with fairness ensured through periodic random script checks. Faculty will be encouraged to enhance industry collaboration and introduce capstone projects integrating TRL parameters. The audit team's recommendation to consider attendance marks for eligibility and include publications as a rubric in project evaluation will be reviewed and referred to the academic office for further consideration and possible implementation.

School of Sciences and Humanities

Discussion:

The committee deliberated on the audit observations of predominant focus of current assessments on lower-order cognitive levels (K1–K2) of RBT, and the audit team recommended to increase the assessment level to higher-order levels (K3 and above). The committee agreed to prepare clear guidelines defining the percentage distribution of marks

across different cognitive levels. Further, discussions emphasized the need for the curriculum to provide explicit and systematic support for various student categories—slow learners and advanced learners—through well-defined learning activities, assessment mechanisms, and evaluation strategies.

The importance of developing transparent rubrics for assignments and model examinations was discussed to ensure clarity in awarding marks and alignment with COs. The committee stressed maintaining consistency and documentation in evaluation using these rubrics. It was also noted that threshold analysis for attainment values was not included earlier; hence, it has now been incorporated to systematically measure achievement levels. Additionally, the committee recommended increasing the number of systems in the Language Lab from 60 to 75 to facilitate individual student access. The need to elevate the K-levels of CO3, CO4, and CO5 to higher-order cognitive domains was also discussed to strengthen academic rigor and outcome alignment.

Resolution:

It was resolved that the department will develop and implement guidelines to ensure balanced distribution of marks across all the COs', emphasizing higher-order cognitive skills. The curriculum will explicitly include structured provisions to support all categories of students, with defined guidelines for differentiated learning and evaluation. Rubrics for assignments and model examinations will be strengthened, mapped to respective Course Outcomes, and consistently applied to ensure transparency in assessment. Threshold analysis for attainment values will be integrated into all course assessments. The number of systems in the Language Lab will be increased from 60 to 75 to improve accessibility. Further, higher-order cognitive levels (K3 and above) will be incorporated in CO3, CO4, and CO5 to enhance academic depth and learning outcomes.

School of Management

Discussion:

The committee discussed the audit team's observations, which emphasized the inclusion of online learning resources for each course in the syllabus, alongside prescribed textbooks and reference books. It was recommended that prerequisite courses, currently mentioned only in lesson plans, be formally incorporated into the syllabus. For online content, preference will be given to SWAYAM/NPTEL courses rather than third-party platforms. The committee also highlighted the need for both faculty and students to actively utilize listed resources rather than treating them as formal inclusions. Faculty members should thoroughly review all textbooks

and references to provide effective guidance, while students should be encouraged to engage with these resources through seminars, projects, and action-based learning activities.

Further, the importance of continuity and uniformity in teaching was stressed by mandating faculty to review previous course files before offering a course, ensuring consistency in teaching methods, content coverage, and evaluation across batches. It was decided to include CO–PO attainment details, Vision and Mission statements, and prescribed books in faculty logbooks to strengthen documentation and academic alignment.

In addition, the committee discussed the need to expand access to reputed e-resources such as Elsevier, in addition to existing subscriptions to Taylor & Francis through Knimbus, to enhance research and publication quality. For the MBA program, the committee recommended streamlining evaluation by replacing the two internal evaluations with one comprehensive evaluation, supported by an open day for answer script review, and ensuring proper documentation. The importance of time management in examinations was also emphasized, with the allocation of time per mark to be indicated in question papers. Finally, it was noted that audit reports should be prepared in coordination with the Dean and Heads of Departments to ensure clarity and actionable outcomes.

Resolution:

It was resolved to include online resources for all subjects in the syllabus, with a preference for SWAYAM/NPTEL courses, and to incorporate prerequisite courses formally into the syllabus. Faculty will be required to study all prescribed materials and ensure that students engage with recommended resources through structured learning activities. Review of previous course files will be made mandatory to maintain continuity in teaching and assessment. The course file has to be ensured with Vision and Mission statements, CO–PO attainment, and prescribed books for reference, while the Vision and Mission statements need not be included in the log book. Access to reputed e-journals, including Elsevier, will be expanded to strengthen research and publications. The MBA evaluation process will be streamlined to a single internal evaluation with transparent documentation. Finally, improved coordination among auditors, the Dean, and HODs will be implemented to ensure well-aligned, actionable audit reports.

School of Commerce

Discussion:

The committee reviewed the audit team’s recommendation to strengthen curriculum relevance by integrating current national and international developments, such as trade wars, policy shifts, and technological advancements, into the teaching-learning process. It was emphasized that exposure to such developments would help students understand their economic, industrial,

	<p>and societal impacts, particularly in relation to India’s future manufacturing and policy landscape. Faculty were encouraged to adopt case-based and activity-oriented learning approaches, utilizing newspapers, online applications, and real-world examples to keep students informed of emerging trends.</p> <p>The committee further discussed extending these practices across programs, noting that case-based learning is already being effectively implemented in MBA and first-year BBA courses. To deepen engagement and enhance entrepreneurial orientation, it was suggested that students be encouraged to participate in initiatives conducted by the Institution Innovation Council (IIC) and the Technology Business Incubator (TBI). Activities such as internal hackathons and collaborative events with industry representatives were recognized as valuable opportunities to strengthen students’ innovation, leadership, and industry-interaction skills.</p> <p>Resolution:</p> <p>It was resolved to integrate current national and international developments into the curriculum through case studies, activity-based learning, and real-time resource utilization. Faculty will guide students to analyze socio-economic and policy implications of global and national issues, fostering civic and industrial awareness. Departments will encourage student participation in IIC and TBI programs, internal hackathons, and industry-linked activities to promote entrepreneurial thinking and practical engagement. These initiatives will be systematically incorporated into teaching plans to ensure continuous student exposure to contemporary developments and real-world problem-solving.</p> <p>The committee concluded to implement the above resolutions and monitor their execution through subsequent academic reviews and Board of Studies (BoS) proceedings.</p>
27.6	<p>To discuss the Rankings Received and status of NBA accreditation</p> <p>Discussion:</p> <p>The committee reviewed the parameter-wise NIRF 2025 Institutional Score and observed considerable improvement in Teaching, Learning & Resources, Graduation Outcomes, and Perception. It was noted that the institution continues to recruit only PhD-qualified candidates for faculty positions, ensuring diversity and experience. However, further efforts are needed to enhance overall performance. While the institution’s ranking remains below that of top institutions such as the IITs, the committee emphasized the importance of sustainable, long-term improvement over short-term parity.</p> <p>Measures have been initiated to improve the quality and quantity of publications, and awareness sessions have been conducted to educate faculty on article retractions and journal delisting from indexing databases. A comparative NIRF analysis with ranked institutions from</p>

	<p>Tamil Nadu highlighted specific parameters requiring focused attention. Strategic and targeted initiatives were proposed to enhance both short-term outcomes and long-term institutional performance.</p> <p>Resolution:</p> <p>It was resolved to continue recruiting only PhD-qualified faculty while maintaining diversity and experience within the departments. A comprehensive gap analysis will be conducted to identify weaker parameters and to develop targeted action plans aimed at improving research productivity, publications, and patents. The committee agreed to focus strategically on strengthening perception through increased engagement with academicians and industry stakeholders. Identified low-hanging parameters will be prioritized for immediate improvement to achieve measurable progress in NIRF scores. Progress across all key indicators will be monitored periodically to ensure consistent enhancement in rankings and alignment with the institution’s long-term goals.</p>
27.7	<p>To discuss strategies and faculty awareness regarding ethical publications and contributions towards quality research</p> <p>Discussion:</p> <p>The committee reviewed the institution’s research and innovation progress, noting 43 patents with commercial potential. Under the EDII IVP, six out of sixteen proposals have been sanctioned with ₹3 lakh support each, while the remaining are under consideration for future funding. It was emphasized that reliance solely on EDII funding is insufficient, and faculty should be encouraged to explore other funding programs. A centralized portal to verify the publication article submissions and progress by the faculty and research scholars is in place.</p> <p>The discussion also highlighted the importance of prioritizing quality technology development and ethical publication practices. Faculty with PhDs are expected to produce three publications per year, targeting 3000 publications annually, with a target of 1000 publications in Q1 journals. Student research is also being strengthened, with a target of 400 publications per year. Student capstone projects can be treated as research initiatives with defined timelines and deliverables emphasizing product development, technology transfer, or commercialization.</p> <p>Resolution:</p> <p>It was resolved to continue efforts toward patent commercialization while exploring additional funding avenues beyond EDII support. A central research portal will be established to guide faculty in identifying suitable grants and funding programs. The committee agreed to emphasize quality research outputs and ethical publication practices by aligning R&D targets with achievable and impactful results. Faculty and students will adhere to defined publication targets, ensuring that both quantity and quality are maintained. UG, PG, and capstone projects</p>

	will be closely monitored to promote industry-linked, outcome-based research, thereby fostering a strong culture of innovation, ethics, and high-quality publications within the institution.
C. <u>Closing</u>	
27.8	Any other item(s) with the permission of the Chair -
27.9	To consider and approve the date for conducting the next IQAC meeting The next meeting of IQAC is proposed to conduct during the second week of December 2025. The date will be finalized in consultation with the chairman of the committee and notified to all members well in advance to ensure maximum participation.
27.10	To conclude with the Vote of Thanks by Dean (QA) Dr. M. Rajeev Kumar Dean (QA) proposed the vote of thanks.

Member Secretary

Chairman

Appendix 1

Members Present/ Absent

1. Prof. Rajat Gupta
Vice Chancellor **Chairperson**
2. Mrs. Rangarajan Mahalakshmi K.
Chairperson and Managing Trustee **Member (Management Representation)**
3. Dr. S. Muttan Professor of Eminence, Centre of Medical Electronics, Department of ECE, College of Engineering, Anna University Guindy **Member (Academic Expert)**
4. Mr. Viswanathan Venkata Subramanian,
Senior Manager, Talent Acquisition,
Wipro Limited, Chennai **Member (Employer representation)**
5. Dr. A. R. Arvind
DGM-Engine machining & EV projects, Project Planning,
Ashok Leyland Limited, Chennai **Member (Industry representation)**
6. Mr. J. E. Simon,
Station Manager Railways (Retired). **Member (Local Nominee)**
7. Mr. Ranjith A (VT No. 071),
Partner Cloud Solution Architect,
Microsoft Corporation. **Member (Alumni Representation)**

Senior Administrator

8. Dr. R. Sivaraman
Processor & Pro-Vice Chancellor
9. Dr. E. Kannan
Professor & Registrar
10. Dr. S. Ramesh
Professor & Controller of Examination
11. Dr. S. Raju
Professor & Dean (Academics)
12. Dr. P. Chandrakumar,
Professor, Dean (R&D and Industry Relations & TBI)
13. Dr. P. Suresh,
Professor & Dean (International Relations & HRDC)
14. Dr. P. Vijayaraman,
Dean (Campus to Corporate)
15. Dr. K. Jagajjanani Rao
Dean (Research Studies)

Senior Faculty

16. Dr. S.P. Chokkalingam
Professor & Dean (SoC)
17. Dr. R. S. Valarmathi,
Professor & Dean (SoEC)
18. Dr. M.S. Murali Dhar
Professor & Dean (FME)
19. Dr. B. Venugopal
Professor & Dean (SoL)
20. Dr. K. Ravishankar,
Professor & Dean (SoM)
21. Dr. E. Suresh Paul
Professor & Dean (SoMTC)
22. Dr. A. Jayabal
Professor & Dean (SCoM)
23. Dr. Mathew Alphonse
Associate Professor (Mech.)

Student Representative

24. Mr. Shaik Sattar (VTU24523)
3rd Year, B.Tech. - ECE., Vel Tech
25. Mr. Syed Shamsudeen (VTA3475)
2nd Year, B.Com., Vel Tech

Special Invitee

26. Ms. Eskandhaa K Vel
Assistant Director, Vel Tech

Member Secretary

27. Dr. M. Rajeev Kumar,
Dean (Quality Assurance)

Members not attended the meeting: 04



**Vel Tech Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Office of Quality Assurance**



27th MEETING OF INTERNAL QUALITY ASSURANCE CELL

Date & Time: 16.09.2025 & 02.30 pm

Venue: International Conference Hall

Draft Agenda

A. Opening

Item No.		Presenter
27.1	Call to Order	Chair
27.2	To record the leave of absence of the members	Chair
27.3	Approval of the Agenda for the 27 th Meeting of IQAC	Chair
27.4	To review the action taken on the decisions of the 26 th Meeting of IQAC held on June 14, 2025	Chair

B. Items for Discussion and Consideration

Item No.		Presenter
27.5	To discuss the analysis of observations from the Academic Audit conducted for AY 2024-25	School Deans
27.6	To discuss the Rankings Received and status of NBA accreditation	DQA
27.7	To discuss strategies and faculty awareness regarding ethical publications and contributions towards quality research	DRD

C. Closing

Item No.		Presenter
27.8	Any other item(s) with the permission of the Chair	
27.9	To consider and approve the date for conducting the next IQAC meeting	
27.10	To conclude with the Vote of Thanks by Dean (QA)	



**Minutes of the 28th Meeting of
Internal Quality Assurance Cell
Held on 13.12.2025 at 02.30 p.m.
Venue: International Conference Hall**



A. OPENING

28.1 Call to Order

Call to order for the 28th Meeting of Internal Quality Assurance Cell (IQAC) on December 13, 2025.

The 28th Meeting of the IQAC was formally called to order by the Honourable Vice Chancellor, who extended a warm welcome to all the esteemed members of the IQAC Committee.

In his opening remarks, the Vice Chancellor expressed his heartfelt gratitude to the external members, Prof. S. Muttan, Dr. A.R. Arvind, Mr. Aravind and Mr. J.E. Simon for their physical presence, and Mr. Viswanathan Venkata Subramanian for joining online, acknowledging their continued support and valuable contributions toward the institution's quality enhancement initiatives. He further shared key institutional developments and progress made since the last IQAC meeting.

28.2 To record the leave of absence of the members

Of the 27 members, 26 were present for the meeting.

Please refer to Appendix 1 (Page No. 9) for the members list.

28.3 Approval of Agenda of 28th Meeting of IQAC

The Agenda of the 28th Meeting of IQAC was approved.

Please refer to Appendix 2 (Page No. 11) for the Agenda.

28.4 To review the action taken on the decisions of the 27th Meeting of IQAC held on September 16, 2025

Dr. M. Rajeev Kumar, Dean (QA) has presented the Action Taken Report of the 27th Meeting of IQAC. The observations and action taken is given below:

Item No.	Observation	Action Taken
27.5	To discuss the analysis of observations from the	<ul style="list-style-type: none">All observations and recommendations made during the Academic Audit have been systematically analyzed.

	Academic Audit conducted for AY 2024-25	<ul style="list-style-type: none"> The suggested improvements have been implemented wherever applicable, and a consolidated action-taken report will be presented before the Board of Studies (BoS) for approval in the forthcoming meeting.
27.6	To discuss the Rankings Received and status of NBA accreditation	<ul style="list-style-type: none"> A comprehensive analysis of the gaps identified was carried out to enhance the institution's parameter-wise scores through a focused, time-bound action plan for future editions of the NIRF India Rankings. A mock visit was conducted to review and verify documentation related to NBA Criteria 4, 5, 6, and 7 in the departments of Biomedical Engineering, Civil Engineering, Computer Science & Engineering, and Electronics & Communication Engineering.
27.7	To discuss strategies and faculty awareness regarding ethical publications and contributions towards quality research	<ul style="list-style-type: none"> A series of awareness sessions were organized for faculty across the institution to educate them on journal retraction, delisting of journals from indexing databases, and best practices for publishing quality research articles. An online application was developed and deployed for faculty to verify the quality and indexing status of journals prior to manuscript submission.

B. ITEMS FOR DISCUSSION AND CONSIDERATION

28.5	<p>To discuss the gaps identified and enhance the institution parameter-wise scores through a time-bound action plan for future editions of the NIRF India Rankings.</p> <p>The Committee members deliberated in detail on the gaps identified from the previous editions of the NIRF India Rankings and the formulation of a parameter-wise, time-bound action plan for improving the institution's performance in the future rankings. The Committee was appraised that a comprehensive benchmarking exercise had been undertaken against the top 100 ranked institutions in the Engineering category, covering all five major NIRF parameters and 17 sub-metrics, and further refined through a comparative analysis with institutions ranked between 41 and 50, in line with the institutional objective of attaining a Top-50 position. It was noted that the institution is currently within the Top-50 band in seven sub-metrics, while ten sub-metrics were identified as having scope for improvement, of which eight were prioritized for focused intervention based on feasibility and impact. The Committee reviewed the detailed trend analysis of the past six years, which demonstrated consistent</p>
------	--

improvement across all major parameters, with the overall score improving to 47.43 in 2025 ranking, notwithstanding intensified competition and the impact of negative marking due to publication retractions in earlier cycles. The Committee took note of the corrective measures implemented to address retraction-related penalties, including the constitution of an ethics committee with Vice Chancellor, Dean (R&D), Dean (RS) and Dean (QA), extensive faculty sensitization, and the deployment of an institutional portal to verify the quality of article and authorship details. It was noted that zero retractions reported for the 2024 calendar year to date.

The Committee extensively discussed the Financial Resources and Utilisation (FRU) parameter, noting that despite incremental improvements in per-student capital and operational expenditure, this metric remains structurally challenging for private institutions when benchmarked against centrally funded institutions. It was noted that the institution secured a score of 6.6 in FRU and that a calibrated improvement strategy has been proposed, with a realistic short-term target of achieving a score of 10 and a long-term goal of reaching 16 over the next five years, supported by transparent financial reporting aligned strictly with audited statements. In this context, the members suggested examining possible revisions to staff salary structures, research processing charges, and incentive mechanisms, as these have a direct bearing on the FRU parameter, and advised that a detailed scenario analysis outlining financial implications, feasibility, and waterfall effects of incremental improvements across FRU sub-components be prepared for consideration by the Management and Finance Committee.

The Committee further reviewed progress of the Research and Professional Practice (RP) parameter, noting significant improvements in publications per faculty and citations per faculty, and the institutional decision to accord strategic priority to both quality and quantity of research output. In this context, the Committee noted the emphasis on Q1 journal publications, the provision of APC support for high-quality journals, and the integration of Q1 publication requirements into performance appraisal and Career Advancement Scheme (CAS). Progression in the Graduation Outcomes (GO) parameter, particularly in full-time PhD graduations, was reviewed, and the members noted with appreciation the increase in the graduation of full-time research scholars, the structured monitoring of PhD progress, and the objective of improving on-time graduation rates through periodic reviews and targeted academic support.

The Committee also deliberated on measures to enhance the Outreach and Perception parameters, including the induction of eminent academicians from IITs and NITs into Boards of Studies and academic bodies, increased engagement with distinguished resource persons, and systematic visibility initiatives through academic and professional platforms. Overall, the Committee appreciated the data-driven, ethical, and strategically phased approach adopted for

	<p>NIRF performance improvement, endorsed the proposed short-, medium-, and long-term action framework, and directed that measurable targets with periodic review mechanisms be placed before the Executive Council and Management at regular intervals.</p> <p>Resolution:</p> <p>The Committee discussed the formulation and implementation of a comprehensive, parameter-wise, time-bound action plan aimed at improving the institution’s performance in forthcoming NIRF India Rankings. The plan shall be aligned with the institutional target of achieving a Top-50 position, supported by benchmarking against the top 100 institutions and further comparative analysis with institutions ranked 41–50. In addition, it is resolved to adopt the strategy to enhance the FRU score, with a short-term target of reaching a score of 10 and a long-term target of 16 within five years.</p>
28.6	<p>To deliberate on existing and proposed initiatives aimed at enhancing publications, research projects, and patents.</p> <p>Discussion:</p> <p>The committee members deliberated in detail on the initiatives undertaken by the Office of Research & Development to enhance the quality of research publications with emphasis on Q1 journals, strengthen ethical publishing practices, improve citation impact, integrate UG&PG students along with industry collaboration into research, innovation, and product development.</p> <p>The members were appraised of the steady and significant growth in publication count, with Scopus-indexed publications increasing from 1,190 in 2022 to 1,641 in 2023 and 2,946 in 2024, reaching over 3,043 publications as on date in 2025. It was further noted that Q1 publications have increased to 628 in Scopus and 248 in Web of Science, reflecting a clear shift towards quality-focused research output. The members noted with appreciation the upward trend and the institutional emphasis on improving citation impact and publication quality.</p> <p>The committee took note of the Publication Acceleration Program (PAP) launched in June 2025, which exclusively targets Q1 publications and is supported by external subject experts who mentor the faculty in manuscript preparation, journal identification, and ethical publication practices. Approximately 850 faculty members are covered under category-wise publication targets, and within a span of four months, 243 Q1 manuscripts have been planned to submit, 117 unique Q1 journals have been identified, and 73 Q1 papers have been submitted through expert-supported processes. The Committee approved the continuation and strengthening of this program as a strategic initiative to enhance institutional research quality.</p>

It was further noted that the implementation of a structured mechanism for verification and submission of articles to journals has been implemented through an institutional portal managed by the Office of Research & Development and Research Studies. This mechanism incorporates a three-stage review process, continuous monitoring, issuance of “Go/No-Go” recommendations, and proactive identification of predatory or discontinued journals, thereby preventing potential retractions to safeguard the Institution’s research credibility.

The committee emphasized the importance of fostering a strong student research culture and directed that a greater proportion of UG&PG projects be converted into quality publications or tangible products, with particular emphasis on ensuring that at least one-third of UG&PG projects lead to publishable outcomes. The members suggested that student involvement in publications positively contributes to research culture, graduate employability, median salary outcomes, and overall performance in various rankings. In this context, the committee reviewed the launch of 500 Industrial IoT problem statements for student & faculty, as an initiative focusing on product development, incremental innovation, and selective progression towards publications and patents. It was also advised that these problem statements be systematically classified based on Sustainable Development Goals (SDGs), application domains, and interdisciplinary relevance.

The members were also appraised on the progress in intellectual property creation and startup development, including the filing of 46 patents with the University as Applicant or Co-applicant and the support extended to startups through Vel Tech TBI for IP awareness, product development, and external funding. The committee directed that all projects be aligned with Technology Readiness Levels (TRL) and Product Readiness Levels (PRL), with regulatory and standards awareness (BIS, IEC, medical, automotive, and software standards) introduced from the ideation stage itself. The need for interdisciplinary integration across Engineering and Sciences, Management, and Law disciplines, along with strengthened industry engagement, semester-long internships, and integration of AI, data analytics, cybersecurity, and digital skills across curricula, was strongly emphasized. The members emphasized the usage of AI tools in the teaching–learning process shall be made mandatory for all courses from the upcoming semester.

The committee noted the current ongoing research funding of approximately ₹1.43 Crores and the implementation of a structured tracking mechanism covering the entire research and innovation lifecycle from idea generation to funding realization. Faculty were encouraged to maintain continuous proposal readiness aligned with eligibility norms of funding agencies. Overall, the external members appreciated the systematic, quality-driven, and ethically

	<p>grounded approach adopted by the institution and directed that periodic reviews be conducted to monitor the progress and outcomes.</p> <p>Resolution:</p> <p>The committee resolved to ensure increased participation of UG and PG students projects into quality publications, patents, or tangible products and further recommends to make the students aware about the regulatory and standards awareness (BIS, IEC, medical, automotive, and software standards) from the ideation stage itself. In addition, the committee resolved to integrate interdisciplinary programs and industry engagement in research and product development, and mandates the compulsory usage of AI tools in the teaching–learning process for all courses with effect from the upcoming semester.</p>
28.7	<p>To discuss the placement strategy aimed at improving both the quantity and quality of placements through targeted industry-readiness training</p> <p>Discussion:</p> <p>The Committee was appraised of the proposed placement enhancement strategy formulated by the Office of Campus to Corporate for the 2027 graduating batch. The overarching objective is to improve both the quantity and quality of student placements through systematic and continuous monitoring, and outcome-driven interventions. The Committee reviewed the current status wherein the institution's GPH score is 22 and the Median Salary score is 8.58. In this context, a comprehensive semester-wise Career Competency Training (CCT) framework is designed to be implemented across all the departments to strengthen employability through continuous, outcome-driven student engagement. The shift from final-year-only preparation to a longitudinal developmental mechanism was acknowledged as a key reform to strengthen student readiness for placement activities.</p> <p>To achieve improvements in placement quantity, the proposal includes large-scale training coverage for 600+ students targeting Dream and Super Dream roles. To strengthen placement quality, members emphasized incrementally enhancing the median salary by at least ₹1 lakh every year. Further, advanced preparation is recommended for 200+ high-performing students, involving 800+ structured programming problems to target Marquee and Pinnacle companies offering 20–50+ LPA salary packages.</p> <p>Considering the immediate placement needs of the final-year cohort, the Committee also reviewed accelerated short-term training interventions with extended daily engagement hours. For non-computing and core engineering disciplines, a differentiated model blending communication skills, aptitude, and multi-technology training was proposed to broaden employability across IT-enabled and core engineering domains.</p>

The members further highlighted the importance of early career mapping, responsible use of AI tools, awareness of prompt engineering, research literacy, and strengthening students' professional digital portfolios to improve placement outcomes and institutional visibility.

Overall, the Committee reiterated that a sustained, structured, and measurable industry-readiness framework is essential to improving placement performance and reinforcing the institution's long-term reputation.

Resolution:

It was resolved that the institution shall adopt and implement a structured, continuous, semester-wise Career Competency Training (CCT) framework aimed at improving both placement quantity and quality. The strategy shall focus on a minimum two-hours-per-day engagement model, large-scale training of 600+ students for Dream and Super Dream roles, advanced preparation for 200+ students for high-paying roles through 800+ programming problem sets, and a targeted year-on-year increase of ₹1 lakh in median salary.

C. Closing

28.8 Any other item(s) with the permission of the Chair

With the permission of the Chair, the committee was apprised with Semester long internship was introduced in the fifth semester of all UG engineering programmes. 507 students completing their internships and earning up to 14 credits based on industry learning outcomes. Additionally, 18 final-year students completed their intensive semester and continued long-term industry internships, while 25 more were allotted internships through the Office of Industry Relations. The Committee appreciated the faculty's active involvement as evaluators and jury members across various inter-institutional competitions and reviewed the strong participation in interdisciplinary project initiatives, including 500 IoT projects floated by industry experts, 36 IFQM projects, and extensive motivation sessions aimed at promoting Smart India Hackathon and VISAI 2026 participation. The Committee further reviewed the outcomes of student project-based research, noting 48 journal publications and 11 patents, and recommended the early finalization of the SOP to institutionalize the project-to-publication and patent pipeline. The integration of Technology Readiness Levels (TRL) across departments was also examined, with emphasis on structured project development, enhanced industry collaboration, and the incorporation of GATE/GMAT model questions from the first semester. Updates on gamified e-learning content development were presented, indicating that 12 out of 86 identified models had been completed. The Committee also deliberated on the Five-

	<p>Year Research Plan (2025–2030), focusing on enhancing research quality, increasing WoS and Scopus publications, strengthening departmental research culture, progressively improving the first/corresponding author ratio from 60% to 80% over the next five years, promoting publications in Q1/Q2 journals, and expanding national and international research collaborations. The meeting concluded with action points that included finalizing the project-to-publication SoP, initiating the establishment of the institutional journal, further expanding automation modules based on stakeholder inputs, completing the pending e-learning models, operationalizing TRL-based curriculum mapping, and consolidating the Five-Year Research Plan.</p>
28.9	<p>To consider and approve the date for conducting the next IQAC meeting</p> <p>The next meeting of IQAC is proposed to conduct during the second week of March 2025. The date will be finalized in consultation with the chairman of the committee and notified to all members well in advance to ensure maximum participation.</p>
28.10	<p>To conclude with the Vote of Thanks by Dean (QA)</p> <p>Dr. M. Rajeev Kumar Dean (QA) proposed the vote of thanks.</p>

Member Secretary

Chairman

Members Present

- | | |
|--|---|
| 1. Prof. Rajat Gupta
Vice Chancellor | Chairperson |
| 2. Mrs. Rangarajan Mahalakshmi K.
Chairperson and Managing Trustee | Member (Management Representation) |
| 3. Dr. S. Muttan Professor of Eminence, Centre of Medical Electronics, Department of ECE, College of Engineering, Anna University Guindy | Member (Academic Expert) |
| 4. Mr. Viswanathan Venkata Subramanian,
Senior Manager, Talent Acquisition,
Wipro Limited, Chennai | Member (Employer representation) |
| 5. Dr. A. R. Arvind
DGM-Engine machining & EV projects, Project Planning,
Ashok Leyland Limited, Chennai | Member (Industry representation) |
| 6. Mr. J. E. Simon,
Station Manager Railways (Retired). | Member (Local Nominee) |
| 7. Mr. Ranjith A (VT No. 071),
Partner Cloud Solution Architect,
Microsoft Corporation. | Member (Alumni Representation) |

Senior Administrator

- | | |
|--|--|
| 8. Dr. R. Sivaraman
Processor & Pro-Vice Chancellor | 12. Dr. P. Chandrakumar,
Professor, Dean (R&D and Industry Relations & TBI) |
| 9. Dr. E. Kannan
Professor & Registrar | 13. Dr. P. Suresh,
Professor & Dean (International Relations & HRDC) |
| 10. Dr. S. Ramesh
Professor & Controller of Examination | 14. Dr. P. Vijayaraman,
Dean (Campus to Corporate) |
| 11. Dr. S. Raju
Professor & Dean (Academics) | 15. Dr. K. Jagajjanani Rao
Dean (Research Studies) |

Senior Faculty

- | | |
|--|--|
| 16. Dr. S.P. Chokkalingam
Professor & Dean (SoC) | 20. Dr. K. Ravishankar,
Professor & Dean (SoM) |
| 17. Dr. R. S. Valarmathi,
Professor & Dean (SoEC) | 21. Dr. E. Suresh Paul
Professor & Dean (SoMTC) |
| 18. Dr. M.S. Murali Dhar
Professor & Dean (FME) | 22. Dr. A. Jayabal
Professor & Dean (SCoM) |
| 19. Dr. B. Venugopal
Professor & Dean (SoL) | 23. Dr. Mathew Alphonse
Associate Professor (Mech.) |

Student Representative

24. Mr. Shaik Sattar (VTU24523)
3rd Year, B.Tech. - ECE., Vel Tech

Special Invitee

25. Ms. Eskandhaa K Vel
Assistant Director, Vel Tech

Member Secretary

26. Dr. M. Rajeev Kumar,
Dean (Quality Assurance)

Members Absent

1. Mr. Syed Shamsudeen (VTA3475)
2nd Year, B.Com., Vel Tech



**Vel Tech Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Office of Quality Assurance**



28th MEETING OF INTERNAL QUALITY ASSURANCE CELL

Date & Time: 13.12.2025 & 02.30 pm

Venue: International Conference Hall

Draft Agenda

A. Opening

Item No.		Presenter
28.1	Call to Order	Chair
28.2	To record the leave of absence of the members	Chair
28.3	Approval of the Agenda for the 28th Meeting of IQAC	Chair
28.4	To review the action taken on the decisions of the 27th Meeting of IQAC held on September 16, 2025	Chair

B. Items for Discussion and Consideration

Item No.		Presenter
28.5	To discuss the gaps identified and enhance the institution parameter-wise scores through a time-bound action plan for future editions of the NIRF India Rankings.	DQA
28.6	To deliberate on existing and proposed initiatives aimed at enhancing publications, research projects, and patents.	DRD
28.7	To discuss the placement strategy aimed at improving both the quantity and quality of placements through targeted industry-readiness training.	DCC

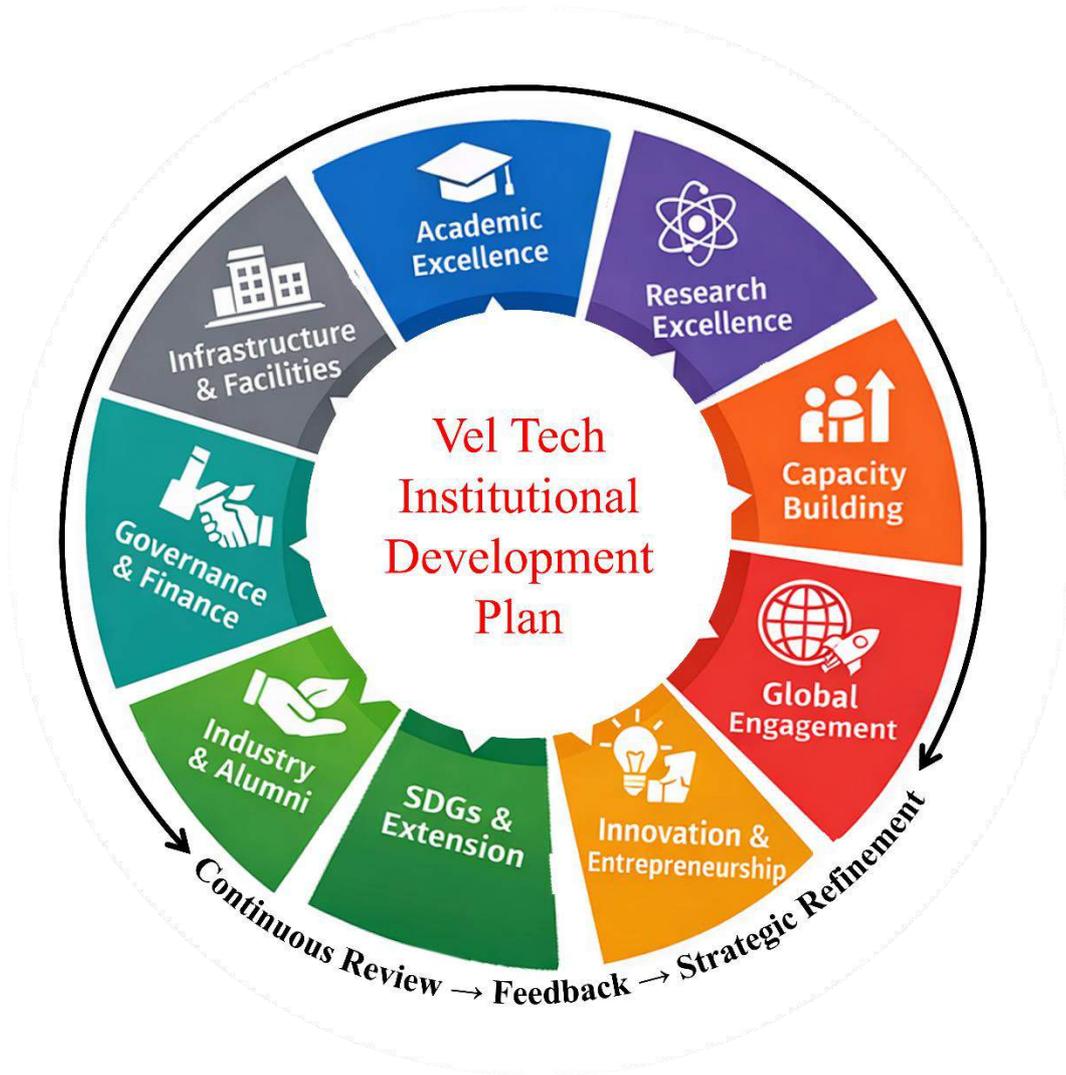
C. Closing

Item No.		Presenter
28.8	Any other item(s) with the permission of the Chair	
28.9	To consider and approve the date for conducting the next IQAC meeting	
28.10	To conclude with the Vote of Thanks by Dean (QA)	



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



Vel Tech Elevation



Vel Tech Entrance



Message from Honorable Chancellor



Vel Tech University was founded with a clear purpose—to create an institution that combines **academic rigor, discipline, innovation, and societal commitment**. The **Institutional Development Plan (IDP) 2026–2040** reflects this founding vision, translated into a strategic and time-bound roadmap aligned with the **National Education Policy 2020** and the **UGC Guidelines for Institutional Development Plans**. This plan outlines Vel Tech into a **globally respected, research-driven, and industry-integrated university**, while remaining firmly rooted in national priorities and ethical values.

The IDP 2026–2040 emphasizes **strong governance, academic excellence, research and innovation leadership, global visibility, and capacity development of faculty and students** as the enablers of sustainable institutional growth. By strengthening international collaborations, fostering entrepreneurship, investing in human capital, and building smart and green infrastructure, Vel Tech aims to contribute meaningfully to national development and global knowledge ecosystems. I firmly believe that with the collective commitment of our faculty, students, administrators, alumni, and all other stakeholders, Vel Tech will continue to set new benchmarks in higher education and emerge as an institution of enduring relevance and global impact.

Col. Prof. Vel Dr. R. Rangarajan

Chancellor

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology



It gives me great pleasure to present the **Institutional Development Plan (IDP) 2026–2040** of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology. This plan represents our collective vision to transform Vel Tech into a **globally visible, research-intensive, innovation-driven, and socially responsible university**, aligned with the aspirations of **NEP 2020** and the **UGC Guidelines for Institutional Development Plans**.

Vel Tech has consistently demonstrated its academic credibility through **NAAC A++ accreditation, strong performance in NIRF India Rankings, a vibrant research and innovation ecosystem, and a robust Technology Business Incubator**. Building on this strong foundation, the IDP 2026–2040 charts a clear and outcome-oriented roadmap to achieve **academic excellence, research leadership, global engagement, industry integration, and inclusive growth** over the next fifteen years.

The IDP is structured around key enablers identified by the UGC, with a strong emphasis on **good governance, academic flexibility, multidisciplinary education, faculty and student capacity building, financial sustainability, digital transformation, and international collaboration**. It reflects our commitment to autonomy with accountability, data-driven decision-making, and stakeholders' participation, including alumni and industry partners.

Academic excellence remains central to this plan. Vel Tech will continue to strengthen **NEP 2020-aligned curricula**, promote **experiential and industry-enabled learning**, and integrate **digital, AI-enabled, and blended pedagogies** across programmes. Our focus on **faculty development, leadership pipelines, and research mentorship** aims to create a globally competitive academic community capable of addressing national and global challenges.

Research, innovation, and entrepreneurship form another critical enabler of the IDP. The plan envisages a significant expansion of **internationally co-authored research, funded projects, intellectual property generation, technology transfer, and startup incubation, supported by state-of-the-art** infrastructure, Centres of Excellence, and strategic industry and global partnerships.

Global visibility and collaboration are key priorities of Vel Tech's long-term vision. Through structured **student and faculty mobility, joint and dual degree programmes, international research consortia, international conferences, and alignment with the UN Sustainable Development Goals**, Vel Tech aspires to strengthen its international footprint and contribute meaningfully to global knowledge ecosystems.

Equally important is our commitment to **inclusive, sustainable, and student-centric growth**. The IDP emphasizes smart and green campus development, digital governance, enhanced student support systems, and meaningful community engagement, ensuring that growth is both equitable and impactful.

I am confident that the successful implementation of the **Vel Tech IDP 2026–2040** will position the University as a **model institution of national importance with global relevance**, nurturing future-ready graduates, thought leaders, innovators, and responsible citizens.

I sincerely acknowledge the contributions of faculty members, administrators, students, alumni, industry partners, and all stakeholders who have shaped this strategic vision. I invite all members of the Vel Tech community to actively participate in realizing this ambitious roadmap and taking Vel Tech to greater heights.

Together, we move forward — with purpose, excellence, and global impact.

Prof. Rajat Gupta

Vice Chancellor

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

Sl. No.	IDP Enablers
1	Academic Excellence
2	Research Excellence
3	Capacity Building – Faculty and Students
4	Global Visibility and Collaboration
5	Innovation, Incubation and Entrepreneurship
6	Sustainable Development Goals & Extension activities
7	Industry Collaborations and Alumni Engagement
8	Governance and Finance
9	Infrastructure and Facilities

Vision

To become a research-intensive institution of global excellence, advancing frontier knowledge through innovation, interdisciplinary research, and global engagement for the sustainable development of society.

Mission

- M1. To deliver globally benchmarked education** through outcome-based curricula, experiential learning, and integration of emerging technologies.
- M2. To promote a research-driven academic ecosystem** that fosters inquiry, innovation & entrepreneurship, interdisciplinary research, and creation of new knowledge addressing sustainable development goals.
- M3. To strengthen industry, national, and international collaborations** for joint research, innovation, faculty exchange, and student mobility.
- M4. To nurture ethical values, leadership, and professional excellence** among students and faculty to meet global challenges responsibly.
- M5. To enhance diversity, gender equity, and inclusion** by creating an ecosystem for all stakeholders

Each faculty member is required to be associated with a minimum of one research project.

Executive Summary

This Strategic Institutional Development Plan (IDP) articulates Vel Tech's long-term vision to emerge as a globally recognized, research-intensive university by 2040. Anchored in nine enablers of excellence, the plan adopts a phased roadmap with clearly defined short-term (2030), medium-term (2035), and long-term (2040) goals, taking 2025 as the base year. The strategy emphasizes academic excellence, research excellence, capacity building – faculty and student, global visibility and collaborations, innovation, incubation and entrepreneurship, sustainability development goals & extension activities, industry collaboration and alumni engagement, governance and finance and infrastructure and facilities.

Established in 1997 by the Founder President & Chancellor, Col. Prof. Vel. Dr. R. Rangarajan, and the Foundress President, Dr. Sagunthala Rangarajan, Vel Tech was founded with the vision of creating socially responsible and professionally competent citizens. The institution is committed to providing high-quality education with equitable access to students from all strata of society. A strong academic ecosystem, well-equipped infrastructure, competent faculty, and a wide range of co-curricular and extracurricular activities ensure the holistic development of students.

Vel Tech offers students extensive exposure to industry and global academia through courses taught by industry experts and eminent international faculty members. Many graduates complete internships with reputed industries and research organizations in India and abroad. The University has established a **state-of-the-art Research Park** comprising a three-floor facility housing 23 cutting-edge research centers and Centres of Excellence, fostering advanced research and development. Its strategic location near industrial clusters such as SIDCO Women's Industrial Estate, ACMA member industries, AIMA, and major IT parks including TIDEL Park further strengthens industry engagement.

The University has adopted the **internationally recognized CDIO (Conceive–Design–Implement–Operate) framework** to enhance outcome-based engineering education through interdisciplinary and problem/ project based learning. Guided by the National Education Policy (NEP) 2020, Vel Tech has effectively implemented holistic and multidisciplinary education, flexibility and choice, digital transformation, internationalization, Indian Knowledge Systems (IKS), Academic Bank of Credits, and skill development initiatives.

Vel Tech actively promotes research, innovation, and entrepreneurship through structured incentive programs supporting high-quality publications, patents, funded projects, consultancy, and startups. Entrepreneurship development is driven through the in-house Vel Tech Technology Business Incubator (TBI), established in 2010 with support from the Ministry of Science and Technology, Government of India.

The institution is accredited by the National Accreditation and Assessment Council (NAAC) with an 'A++' grade (CGPA 3.53) in its second cycle and is recognized as a **Category-I Deemed to be University by the UGC**, along with 12B status, enabling enhanced access to research funding. Seven undergraduate engineering programs are accredited by the National Board of Accreditation (NBA) under Tier-I. Besides, our MBA program is also accredited by

the NBA. In the NIRF India Rankings 2025, Vel Tech secured the 87th rank in Engineering, with consistent top-100 engineering rankings for nine consecutive years and a ranking band of 11–50 in Innovation. The University also features in the Times Higher Education World University Rankings and QS Asia University Rankings.

With a strong global outlook, **Vel Tech has established international collaborations with over 600 institutions across 42 countries** and signed more than 200 MoUs. The University was conferred the “ISTE National Award for Best Technical University 2023,” recognizing its excellence in technical education and service to society. Complementing academic rigor, Vel Tech places strong emphasis on extracurricular and co-curricular activities through more than 30 technical and cultural clubs, along with active NSS units and NCC (Air, Naval, and Army Wings), fostering leadership, discipline, and social responsibility among students.

Unique Selling Point



Main Focus of Vel Tech IDPs for the Next 15 Years,

- Achieve academic excellence through effective implementation of the National Education Policy (NEP) 2020.
- Develop Vel Tech as a **research-centric, multidisciplinary university** addressing national and global demands in education and research through diversified academic programs.
- Deliver high-quality education through **highly qualified faculty** and a holistic, student-centric learning ecosystem.
- Maintain an optimal **faculty–student ratio of 1:15** to ensure personalized mentoring and academic rigor.
- Strengthen **industry collaboration** to enhance experiential learning through internships, live projects, and industry-aligned curricula.
- Expand **industry-enabled learning** by increasing the participation of industry experts in teaching, mentoring, and curriculum design.
- Enhance research and innovation through the **in-house Research Park**, focusing on translational research, IPR generation, and commercialization.
- Strengthen the **Office of International Relations** to promote global collaborations, including student exchange, twinning programs, joint degrees, and specialized courses delivered by international faculty.
- Increase **faculty and student diversity** to foster an inclusive and globally competitive academic environment.
- Achieve **Top 500 global rankings** in QS and Times Higher Education (THE) for Engineering and Management disciplines.
- Realize the goal of “**One Faculty – One Patent**” to boost intellectual property creation and promote commercialization.
- Diversify and strengthen **alumni engagement** to support academics, research, mentoring, placements, and institutional development.
- Enhance the capacity of faculty and students through **FDPs, industry training programs, workshops, conferences, and technical hackathons**.
- Ensure **placement opportunities for all students**, irrespective of academic performance, through skill development and industry readiness initiatives.
- Strengthen **skill development programs** with active industry participation and certification pathways.
- Reinforce the activities of the **Institution’s Innovation Council (IIC)** to promote innovation, startups, and entrepreneurship culture.

- Expand **community engagement** through village adoption and outreach programs under Unnat Bharat Abhiyan (UBA).
- Increase **e-content creation** and offer a maximum of **40% of courses through MOOC platforms**.
- Facilitate **100 student projects annually** based on real-world industry problems.
- Enhance **digital tools and smart classroom technologies** for effective content delivery and interactive learning.
- Promote **Sustainable Development Goals (SDGs)** through academic programs, research projects, events, and outreach activities.
- Foster a strong **Technology Readiness Level (TRL) culture** among faculty and students to accelerate innovation and technology development.

SWOC Analysis

Strengths

- Strong foundation in research, incubation, and innovation
- NAAC A++ accreditation with consistent Top 100 ranking in NIRF
- Robust Technology Business Incubator ecosystem supporting 300+ startups
- National and international collaborations with IITs, NITs, industry leaders, and global institutions
- Central Instrumentation Facility with advanced equipment and specialized research centers
- Seven undergraduate engineering Programs has been accredited by NBA under Tier I category and one MBA program is also accredited by NBA
- Implementation of CDIO Engineering curricular framework
- Strong Incentive Policy to Promote Research and Innovation
- Well-structured academic and financial system
- Dedicated office of Industry relations to bring more industry engagement
- Dedicated office of International relations to support foreign university engagement and students exchange
- Seed Money and Research & Development fund to promote cutting edge research
- Dedicated IPR Support
- SDGs focused event VISAI – an annual international level project completion cum expo
- Semester long internship programme for students

Weaknesses

- Limited presence in global rankings such as QS and THE
- Need to enhance faculty research output and Q1 journal publications
- Relatively low international student enrollment
- Alumni contributions and global visibility still at a developing stage
- Limited international faculty ratio (<2%)
- Uneven Q1 publication distribution across departments
- Low industry-sponsored PhD intake
- Dependence on tuition fee revenue

Opportunities

- Strong alignment with NEP 2020 reforms and the India@2047 vision
- Increasing demand for deep-tech, AI, clean energy, and sustainable technologies

- Scope to expand the startup ecosystem and industry partnerships
- Potential to attract global faculty, researchers, and international students
- Opportunity to strengthen global brand through SDG-linked projects and innovation hubs
- NEP schemes:
 - ABC, APAAR, NCrF
 - PMRF, ANRF, NIDHI, IKS
- Teaching advances:
 - AI-enabled assessment
 - Micro-credentials
- Research advances:
 - Deep-tech, Bio-AI, Semiconductors

Challenges

- Intensifying competition from global and Indian private universities
- Rapid technological advancements requiring continuous adaptation
- Dependence on government funding and evolving regulatory frameworks
- Global challenges such as sustainability and climate change affecting higher education systems

NEP Component	2026–30	2031–35	2036–40
Holistic and Multidisciplinary Education	✓	✓✓	✓✓✓
ABC / APAAR	✓	✓✓	✓✓✓
Multidisciplinary UG	✓	✓✓	✓✓✓
Multiple Entry–Exit	✓	✓✓	✓✓✓
Research UG Track	✓	✓✓	✓✓✓
Digital University	✓	✓✓	✓✓✓
Integration of arts, humanities, sciences, technology, sports, and vocational studies.	✓	✓✓	✓✓✓
Strengthening of innovation, incubation, IPR, and startup ecosystems within HEIs.	✓	✓✓	✓✓✓
Shift towards learner-centric, experiential, and competency-based learning.	✓	✓✓	✓✓✓
Equity, Inclusion and Access	✓	✓✓	✓✓✓
continuous and formative assessment.	✓	✓✓	✓✓✓
Alignment with employability and entrepreneurship goals.	✓	✓✓	✓✓✓

ENABLER 1: ACADEMIC EXCELLENCE 2026-2040

Vel Tech's Academic Excellence roadmap (2026–2040) outlines a comprehensive growth strategy focused on expanding student strength, diversifying academic programs, and ensuring full NEP-2020 alignment with multidisciplinary and outcome-based education. The plan targets major improvements in assessments, digital learning, and accreditations including NAAC, NBA, ABET, and national and global rankings such as NIRF, THE, and QS. Faculty strength, industry experts, research output, and student employability are set to grow significantly, supported by strong investments, advanced infrastructure, and integrated mentoring systems. Emphasis is placed on innovation, inclusivity, wellness, and leadership, with progressive goals for placement rates, skill certifications, national and international awards, interdisciplinary projects, and female enrollment—positioning Vel Tech as a globally competitive and academically transformative institution by 2040.

Strengths & Achievements:

- **CDIO Innovative Engineering** curricular framework
- **NEP 2020–aligned Choice Based Credit System (CBCS)** enabling academic flexibility, interdisciplinary learning, and multiple learning pathways.
- **Clearly structured credit framework** with well-defined lecture, tutorial, practical, project, and self-learning hours mapped as per the National Credit Framework.
- **Strong emphasis on experiential learning**, with embedded Project/Problem Based Learning (PBL), internships, industry projects, and community service components.
- **Robust Self-Learning (SL) ecosystem** including research, innovation labs, startups, hackathons, MOOCs, vocational education, sports, cultural activities, and social engagement.
- **Industry and Higher Learning Institute (IHL) courses** integrated into the curriculum to bridge academia–industry gaps and enhance employability.
- **Students Exchange Programme** – Dedicated office of International Relations
- **Flexible academic mobility** through provisions for migration, multiple entry/exit, credit transfer, and Academic Bank of Credits (ABC/APAAR).
- **Wide range of academic options** including Major, Specialization, Minor, Honours, and Honours with Research, supporting advanced learners and research-oriented students.
- **Transparent and comprehensive assessment system**, combining Continuous Internal Assessment (CIA), Semester End Examinations (SEE), assignments, projects, and attendance-based evaluation.
- **Absolute grading system** with clearly defined grade points, SGPA/CGPA computation, and degree classification ensuring fairness and clarity.
- **Provision for MOOCs with credit transfer** from approved national platforms (SWAYAM, NPTEL, SWAYAM Plus), encouraging lifelong and blended learning.

- **Student-centric flexibility** through re-registration, extended registration, course withdrawal, and break of study for medical, entrepreneurial, or innovation pursuits.
- **Strong learner support mechanisms**, including mentoring systems, support for fast and slow learners, and professional development opportunities.
- **Clear governance and quality assurance structure**, with defined roles of BoS, Academic Council, and Executive Council for amendments and academic oversight.
- Community Service Project – Village connected Programme
- Semester long internship – Extended time allowed at industry
- Industry problems given as minor Projects

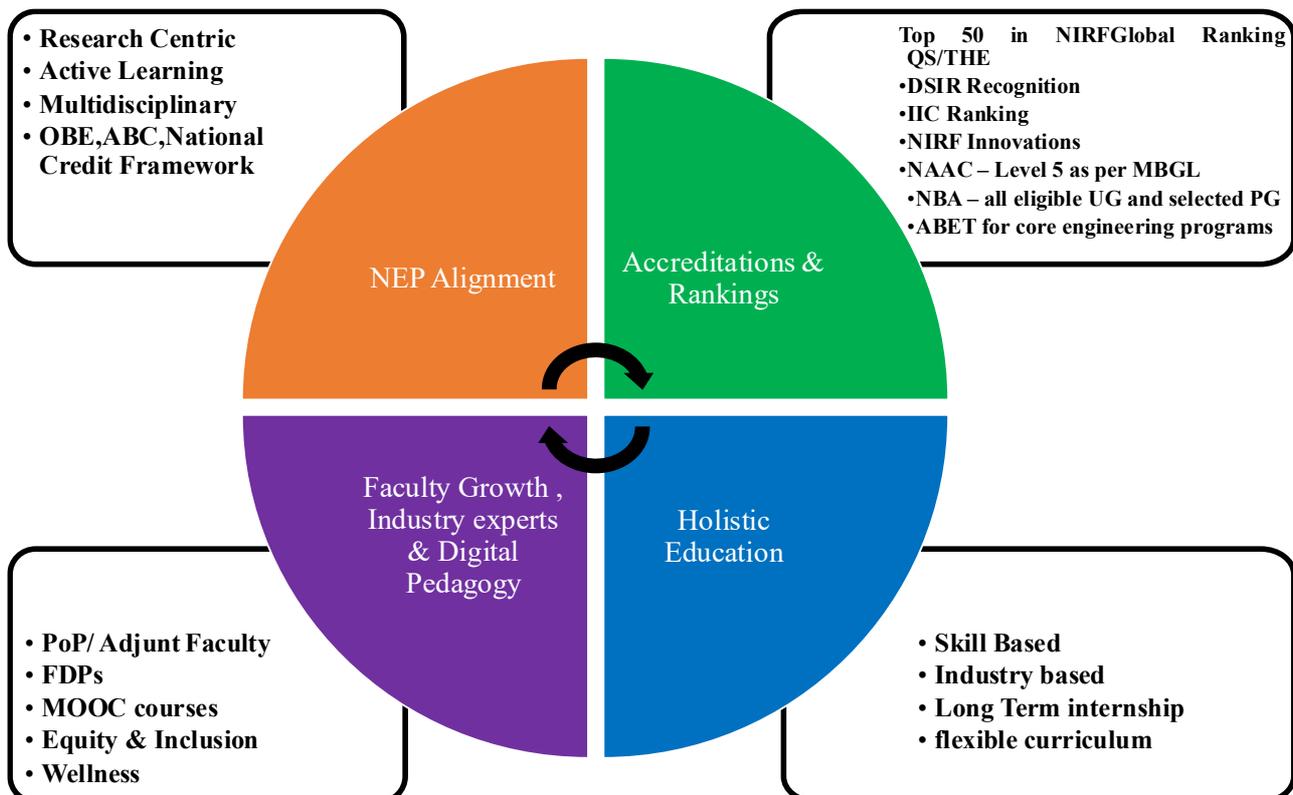
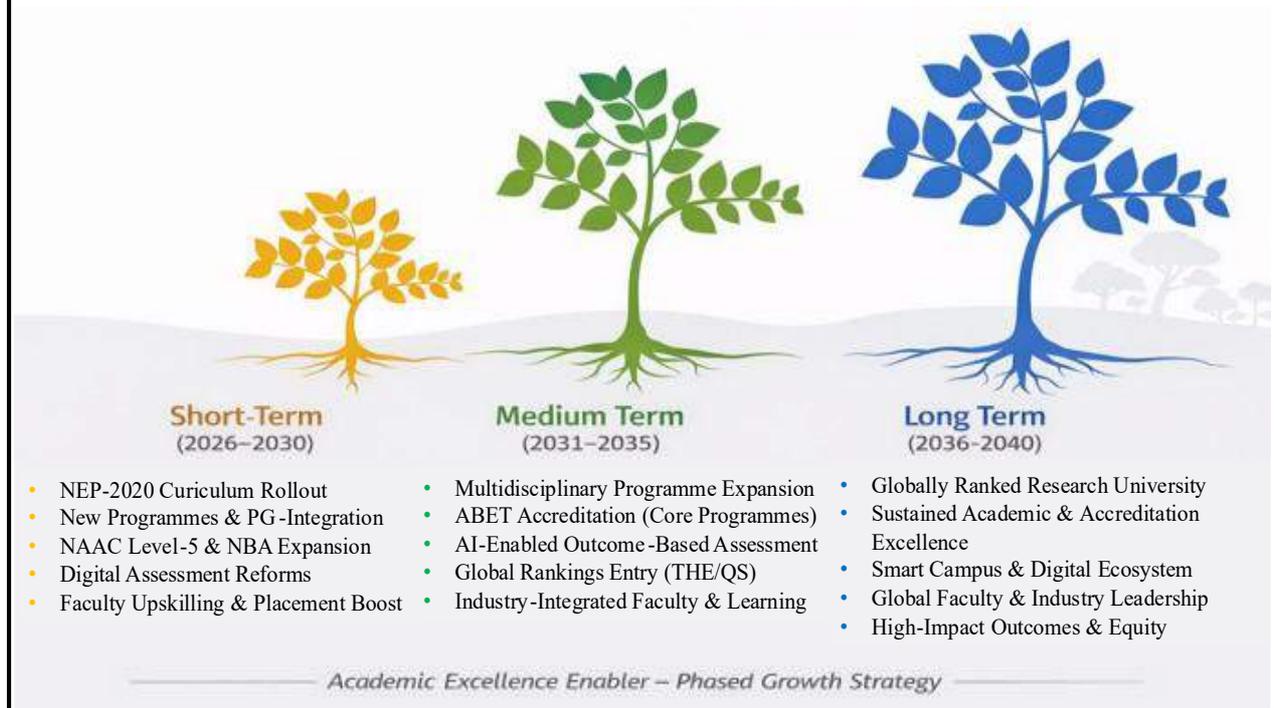
Vel Tech Main Entrance



Launch of SDG Driven event



Short-Term, Medium-Term, Long-Term Goals



Short-Term Goals (2026–2030)

During the short-term period, Vel Tech aims to strengthen its academic foundation by increasing student strength from 12,948 to 14,500 and introducing new programmes such as Architecture. The university will implement NEP-2020–aligned multidisciplinary curricula

with flexible credit systems and Technology Readiness Level (TRL) integration. Five PG-integrated programmes will be launched by 2030, supported by an initial investment of ₹2 crore between 2025 and 2027. Digital assessment systems will be fully deployed by 2027, along with continuous examination reforms and plagiarism control measures. The institution targets achieving NAAC Level-5 under the Maturity Based Graded Level framework and expanding NBA accreditation to all eligible UG Engineering programmes, MBA, and select PG programmes, while preparing for ABET accreditation. Ranking improvements include reaching the Top 50 in NIRF Engineering, Top 75 in University and Overall categories, and entering QS World University Rankings by 2027. Faculty development will focus on training over 200 faculty members and maintaining a 15:1 student–faculty ratio. Placement outcomes are expected to improve to 80%, with a median package of ₹10 LPA and 50% student participation in skill certification. Equity initiatives will enhance female enrollment to 30%, supported by expanded counseling and wellness facilities.

Medium-Term Goals (2031–2035)

In the medium term, Vel Tech plans to expand student strength to 17,000 and introduce the Medicine programme, further strengthening its multidisciplinary academic ecosystem. NEP-2020 implementation will be fully institutionalized, with PG-integrated programmes expanding to more than ten. Investments will be scaled up to support programme diversification, and AI-enabled adaptive assessments with 100% outcome-based evaluation will be adopted. The university will maintain all national accreditations while achieving ABET accreditation for three core or emerging UG engineering programmes. Ranking aspirations include sustaining the Top 50 in NIRF Engineering, University and Overall categories, and improving global visibility through THE World University Rankings (Top 800) and THE Asia Rankings (Top 400). Faculty capacity building will intensify with over 500 faculty trained and 100 industry professionals inducted as faculty. Student outcomes will further improve, targeting 90% placement and higher studies, a median package of ₹15 LPA, and universal skill certification. Research, innovation, and inclusion efforts will result in 50+ national awards annually, 40% female enrollment, increased post-doctoral researchers, stronger alumni mentoring, and enhanced wellness infrastructure.

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech envisions becoming a globally recognized, multidisciplinary research-driven university with a student strength of 20,000. Academic systems will be fully institutionalized with continuous investment cycles and sustained excellence in teaching, learning, and assessment. All national and international accreditations will be maintained, while global rankings will significantly improve, aiming for Top 40 positions in NIRF Overall rankings, Top 600 in THE World University Rankings, and multiple disciplines ranked within the Top 1000 in QS rankings. Digital transformation will continue with smart classrooms covering 40% of teaching spaces and LMS platforms integrated with global academic networks. Faculty strength will be augmented with over 150

industry and global experts, while student outcomes will peak at 95% placement with international opportunities and a median salary of ₹20 LPA. Innovation and research will be strengthened through higher numbers of awards, student innovation projects, post-doctoral researchers, and industry collaborations. Equity, wellness, and leadership development will remain central, with female enrollment reaching 50% and a comprehensive, sustainable support ecosystem for students and faculty.

Enabler 1: Academic Excellence (2026–2040) — Summary Roadmap

Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
Student Strength & Programs	Increase student strength to ~14,500; introduce Architecture program; launch 5 PG-integrated programs	Expand student strength to ~17,000; introduce Medicine program; expand PG-integrated programs to 10+	Expand student strength to ~20,000; fully mature multidisciplinary program portfolio
Curriculum & NEP Alignment	Full implementation of NEP-2020–aligned multidisciplinary curricula with flexible credits, TRL integration, ABC/APAAR	Institutionalization of NEP practices across UG, PG, and research tracks with AI-enabled adaptive assessment	Sustained NEP leadership with continuous curriculum renewal and global academic benchmarking
Teaching–Learning & Assessment	Deploy digital assessment systems; strengthen continuous evaluation, plagiarism control, OBE implementation	100% outcome-based evaluation with AI-enabled adaptive assessment systems	Fully digitized, globally networked teaching–learning and assessment ecosystem
Faculty Strength & Development	Maintain 15:1 student–faculty ratio; train 200+ faculty in pedagogy, NEP, and digital tools	Train 500+ faculty; induct 100 industry professionals as adjunct/PoP faculty	Augment faculty with 150+ global and industry experts; global academic leadership roles
Accreditations	Achieve NAAC Level-5 (MBGL); NBA for all eligible UG programs; initiate ABET preparation	Sustain national accreditations; achieve ABET accreditation for select core/emerging programs	Maintain all national & international accreditations with global best practices
Rankings & Global Visibility	Top 50 in NIRF Engineering; Top 75 in University & Overall; enter QS rankings	Sustain Top 50 in NIRF; achieve THE World Rankings (Top 800) and THE Asia (Top 400)	Achieve Top 40 NIRF Overall; Top 600 THE World Rankings; QS discipline-level global rankings
Student Outcomes & Employability	80% placements; median package ₹10 LPA; 50% students with skill certifications	90% placements/higher studies; median package ₹15 LPA; universal skill certification	95% placements with global opportunities; median package ₹20 LPA

Equity, Wellness & Inclusion	Increase female enrollment to 30%; expand counseling and wellness facilities	Increase female enrollment to 40%; strengthen inclusive academic and mentoring systems	Achieve 50% female enrollment; comprehensive, sustainable student support ecosystem
Innovation & Experiential Learning	TRL-based curriculum; semester-long internships; industry problems as projects	Deeper integration of industry projects, national competitions, and innovation awards	Global experiential learning models with international internships and innovation leadership

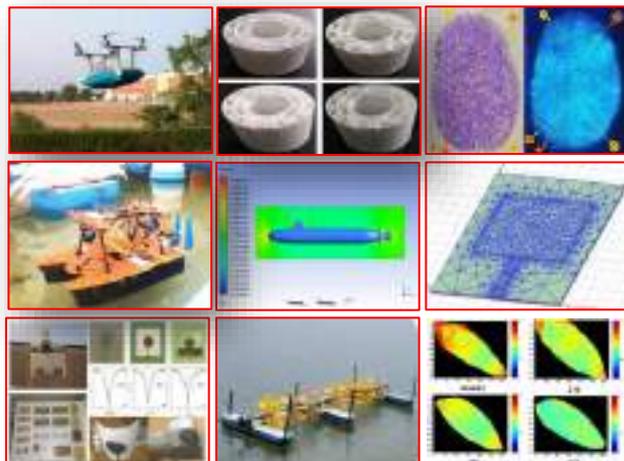
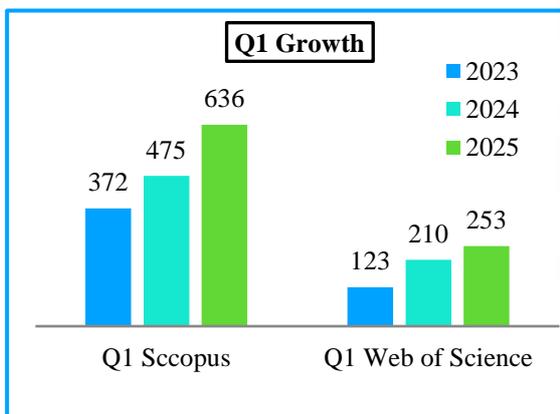
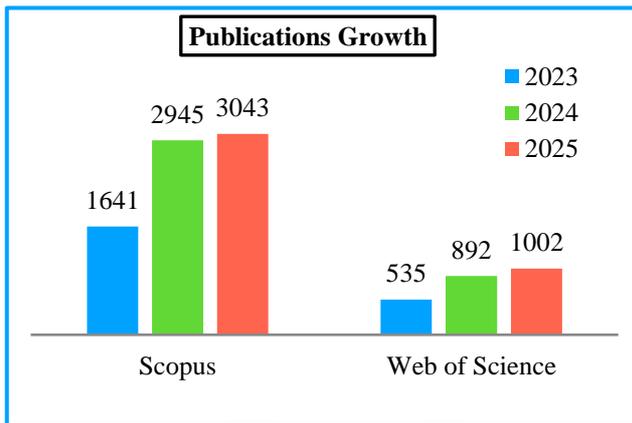
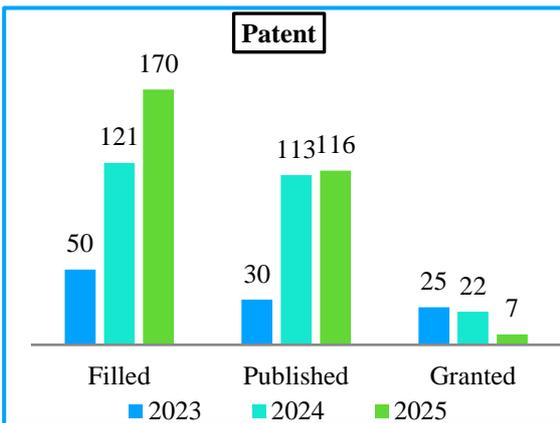
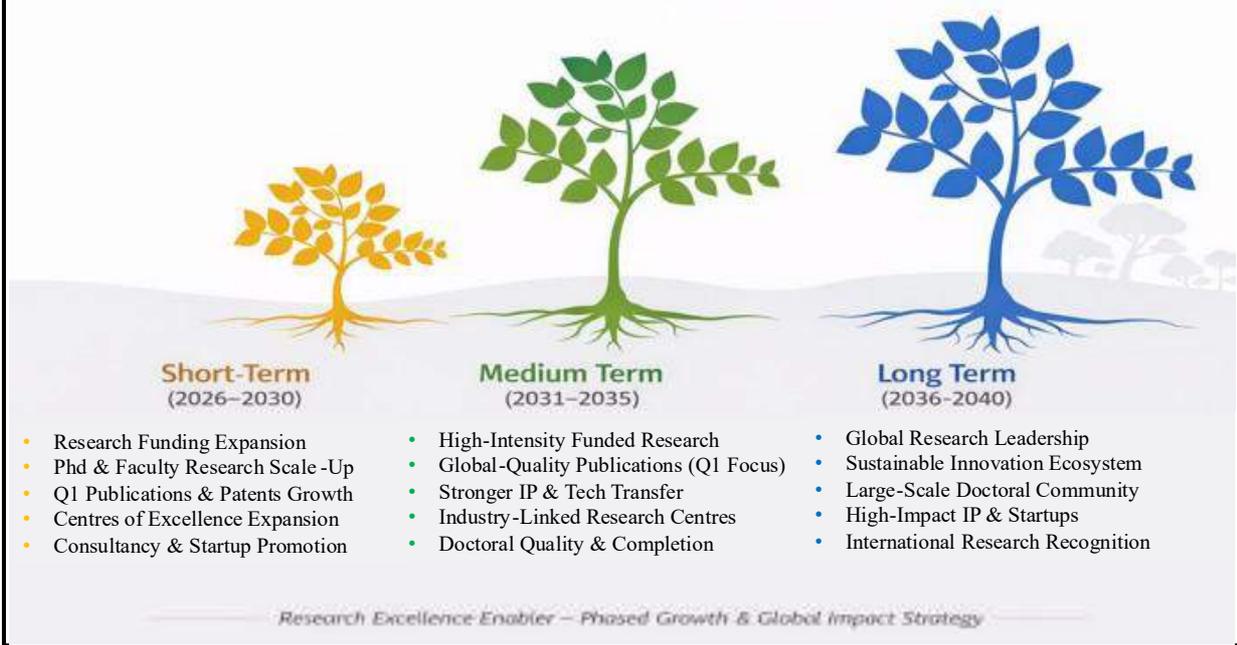
ENABLER 2: RESEARCH EXCELLENCE 2026-2040

The Research Excellence roadmap (2026–2040) outlines Vel Tech’s ambitious plan to scale research funding, productivity, and global impact through a sustained increase in projects, high-quality publications, doctoral scholars, and research-active faculty. The strategy targets major growth in patents, technology transfer revenue, and research-based start-ups while expanding Centres of Excellence and deepening industry collaborations. With strong investments, complete digitization of knowledge resources, enhanced consultancy income, and structured executive development programs, the roadmap emphasizes improving doctoral quality, strengthening research outcomes, and achieving national and international recognition—positioning Vel Tech as a leading research-driven institution by 2040.

Strength & Achievements

- Established a dedicated Research Park to foster Research & Development.
- 23 specialized Research Centers driving Innovation and Research.
- Secured ₹70 crore in sponsored project funding.
- Seed funding of ₹2 to ₹5 lakh provided by the institute.
- Annual Research & Development Fund of ₹50 lakh for the top 75 faculty members.
- Partnership with IIT Hyderabad for access to the SATHI CISCoM facility.
- DSIR - SIRO Recognized Research centre
- Research Policy, Consultancy Policy and IPR policy to guide Research Activities
- Central Instrumentation Facility with state-of-the-art facilities such as FESEM, XRD, Optical Microscope, Bio reactor, Particle Size analyzer, AAS et.,
- 30+ collaborations with National institutes including IIT, CSIR, DRDO Laboratories
- Financial Support for quality publications
- Incentive for quality research publications, Patent & Sponsored projects

Short-Term, Medium-Term, Long-Term Goals



Technology Developed at Vel Tech

S



Central Instrumentation Facility



Optical Microscope Facility



TGA Facility



Bioreactor Facility

Major Equipment in the Research park and Centers of Excellence

- FESEM
- Optical Microscope
- Thermal Gas Analyser
- XRD
- Bio reactor System
- Particle Size Analyzer
- Impedance Analyzer
- UV Spectrometry
- High Speed Centrifuge
- FTIR
- Atomic Absorption

Vel Tech Research Centers

- CoE for Manufacturing
- E-waste and Plastic waste recycling facility
- Additive Manufacturing facility
- CoE for SMD & SMT Technologies
- CoE for AI, ML & DL – Supported by NVIDIA
- CoE for Autonomous Systems (Drones and

Research Park – Stage -Wise Development

<p>Short-term: Phase I labs, shared facilities</p> <ul style="list-style-type: none">• Infrastructure Development• Basic Equipment Support• All Research amenities	<p>Medium-term: Industry-Sponsored labs</p> <ul style="list-style-type: none">• Industry Collaboration• Advanced Facility• CSR leverage• Translation Research	<p>Long-term: Global Research Park / anchor tenants</p> <ul style="list-style-type: none">• Advanced Facility• Global engagement• Industry Engagement• Technology Development
--	--	--

Short-Term Goals (2026–2030)

During the short-term phase, Vel Tech aims to significantly strengthen its research ecosystem by increasing annual research funding from ₹91 lakhs to **₹5 crore** and expanding active research projects from **20 to 50**. Full-time PhD enrolment will be scaled from **200 to 400 scholars**, while faculty research productivity will improve with annual publications rising from **3,000 to 4,500**, including **300 Q1-quality publications**. The proportion of research-active faculty is targeted to increase from **40% to 55%**, with **35% of faculty achieving an h-index above 5**. The intellectual property ecosystem will be strengthened through **150 patent filings annually**, enhanced technology transfer revenue of **₹5 lakhs per year**, and the promotion of **12 research-based startups annually**. Centres of Excellence will expand from **5 to 8 operational units**, supported by a cumulative investment of **₹10 crore**, alongside engagement with **10 industry partners**. Doctoral research quality will be enhanced by improving Ph.D. completion rates from **60% to 70%** and increasing the Ph.D.-per-faculty ratio to **0.35**. Complete digitization of institutional research records will be achieved by **2027**, while non-grant research income will grow through consultancy revenue of **₹1.5 crore annually** and executive development programmes generating **₹1 crore annually**. Recognition will be strengthened through **15 national awards** and **5 international awards annually**, with **30% faculty participation** in excellence awards.

Medium-Term Goals (2031–2035)

In the medium-term period, Vel Tech envisions consolidating its research intensity by increasing annual research funding to **₹7.5 crore** and expanding the number of active research projects to **100**. Full-time Ph.D. strength will grow to **600 scholars**, supported by enhanced faculty supervision capacity. Faculty research output will rise to **6,000 publications annually**, including **800 Q1-quality publications**, with **45% of faculty achieving an h-index above 5** and **65% of faculty actively engaged in research**. Patent filings will increase

to **180 annually**, technology transfer revenue to **₹10 lakhs per year**, and research-based startups to **15 annually**. Centres of Excellence will expand to **12 operational centres**, backed by a cumulative investment of **₹16 crore** and engagement with **20 industry partners**. Doctoral research quality will improve with Ph.D. completion rates reaching **80%** and a Ph.D.-per-faculty ratio of **0.7**. Digitized repositories will provide **10,000+ open-access research documents**, while consultancy revenue will rise to **₹3 crore annually** and executive education programmes to **₹2 crore annually**. Institutional recognition will be strengthened through **20 national awards**, **8 international awards annually**, and **40% faculty participation** in excellence awards.

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech aspires to achieve global recognition as a research-driven university with a mature and sustainable innovation ecosystem. Annual research funding will reach **₹10 crore**, supported by **150+ active research projects** and a doctoral community of **1,000 full-time PhD scholars**. Faculty research productivity will peak at **7,500 publications annually**, including **1,600 Q1-quality publications**, with **50% of faculty achieving an h-index above 5** and **70% actively engaged in research**. Patent filings will reach **200 annually**, technology transfer revenue **₹20 lakhs per year**, and research-based startups **20 annually**. Centres of Excellence will expand to **15 fully operational centres**, supported by a cumulative investment of **₹20 crore** and collaboration with **25+ industry partners**. Doctoral research quality will achieve advanced benchmarks with **85% Ph.D. completion rates** and a Ph.D.-per-faculty ratio of **1.0**. Institutional knowledge systems will be fully integrated with global research databases, while non-grant research income will reach **₹5 crore annually through consultancy** and **₹3 crore annually through executive and management development programmes**. The university will consistently achieve high recognition through **25 national awards** and **10 international awards annually**, with **50% faculty participation** in excellence awards.

Enabler 2: Research Excellence (2026–2040) — Summary Roadmap

Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
Research Funding & Projects	Increase annual research funding to ₹5 crore; expand active projects from 20 to 50	Increase annual research funding to ₹7.5 crore; expand active projects to 100	Achieve ₹10 crore annual research funding; sustain 150+ active research projects
Doctoral Programs & Research Scholars	Expand full-time PhD scholars from 200 to 400; improve PhD completion rate to 70%	Increase PhD scholars to 600; improve completion rate to 80%	Expand PhD scholars to 1,000; achieve ≥85% PhD completion rate

Faculty Research Productivity	Increase annual publications to 4,500, including 300 Q1 journals; 55% research-active faculty	Increase publications to 6,000 annually, including 800 Q1 journals; 65% research-active faculty	Achieve 7,500 publications annually, including 1,600 Q1 journals; 70% research-active faculty
Research Quality & Impact	35% faculty with h-index ≥ 5 ; strengthen research mentoring and proposal-writing support	45% faculty with h-index ≥ 5 ; faculty positioned as research leaders and mentors	50% faculty with h-index ≥ 5 ; global research leadership and citation impact
Centres of Excellence & Infrastructure	Expand CoEs from 5 to 8; cumulative investment of ₹10 crore; shared facilities	Expand CoEs to 12 with industry-sponsored labs; cumulative investment of ₹16 crore	Expand CoEs to 15; establish global-scale research park with anchor industry tenants
Industry & National Collaborations	Engage 10 industry partners; expand IIT/CSIR/DRDO collaborations; applied research focus	Engage 20 industry partners; scale translational and industry-sponsored research	Engage 25+ industry partners; global industry-academia research integration
Intellectual Property & Commercialization	File 150 patents annually; achieve ₹5 lakh/year technology transfer revenue; 12 startups/year	File 180 patents annually; ₹10 lakh/year technology transfer revenue; 15 startups/year	File 200 patents annually; ₹20 lakh/year technology transfer revenue; 20 startups/year
Consultancy & Non-Grant Revenue	Achieve ₹1.5 crore/year consultancy revenue; ₹1 crore/year executive development programs	Achieve ₹3 crore/year consultancy revenue; ₹2 crore/year executive education	Achieve ₹5 crore/year consultancy revenue; ₹3 crore/year executive education
Digital Research Ecosystem	Complete digitization of research records and repositories by 2027	Maintain 10,000+ open-access research documents	Full integration with global research databases and digital research platforms
Recognition & Awards	Achieve 15 national and 5 international awards annually; 30% faculty participation	Achieve 20 national and 8 international awards annually; 40% faculty participation	Achieve 25 national and 10 international awards annually; 50% faculty participation

ENABLER 3: CAPACITY DEVELOPMENT FACULTY & STUDENTS 2026-2040

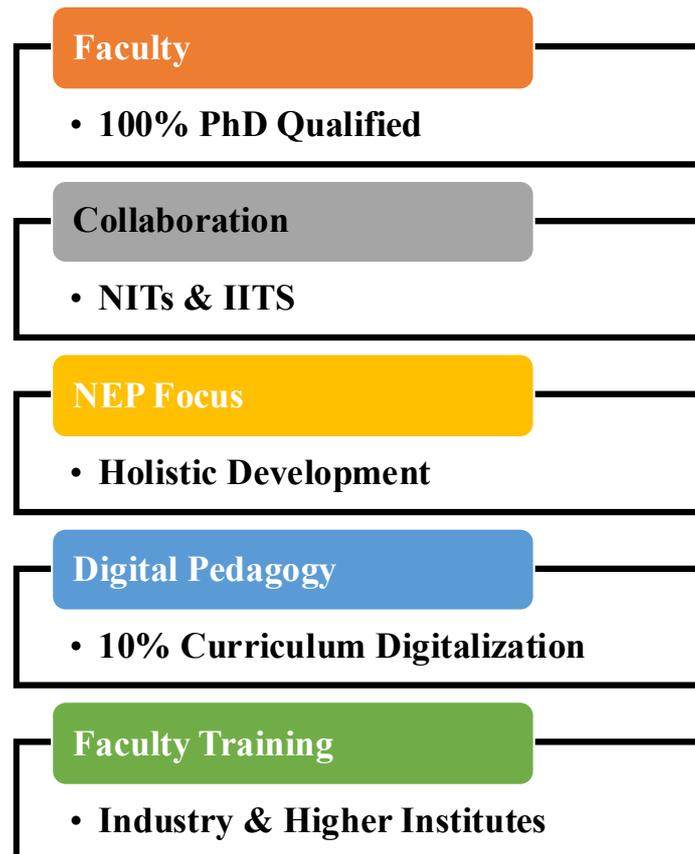
The Capacity Development roadmap (2026–2040) outlines Vel Tech’s strategic focus on enhancing faculty and staff capabilities through comprehensive training, advanced qualifications, global exposure, and structured career progression. It aims to build a highly qualified faculty base with increasing recruitment from premier institutions, establish endowed chairs, and strengthen research leadership through sabbaticals, international collaborations, and advanced digital pedagogy. The plan also emphasizes continuous development for non-teaching staff through ERP/MIS training, specialization programs, exposure visits, and digital governance skills. With a strong commitment to mentoring, recognition systems, and global best practices, Vel Tech envisions creating a future-ready academic workforce capable of driving excellence, innovation, and institutional leadership by 2040.

Strengths & Highlights

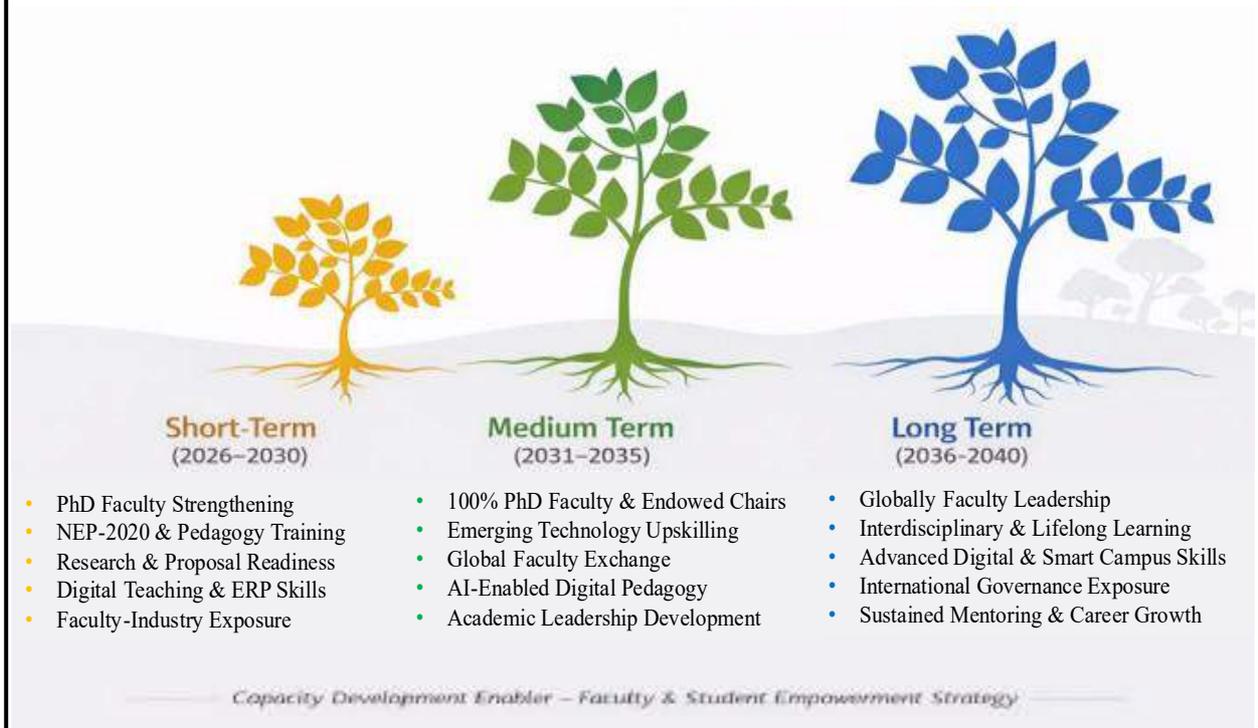
Dedicated office of Human resource Development centre for

- **Strong faculty qualification roadmap**, targeting **95% Ph.D.-qualified faculty by 2030** and **100% by 2035**, ensuring academic depth and research-driven teaching.
- **Strategic talent acquisition policy**, progressively increasing recruitment from **IITs, NITs, and Institutes of National Importance** up to **30% by 2040**.
- **Structured Faculty Development Programmes (FDPs)** aligned with **NEP 2020, OBE, pedagogy, ethics, and blended learning**, evolving towards advanced domains like **AI, Data Science, IoT, AR/VR, and Semiconductor technologies**.
- **Robust research capacity-building framework**, progressing from proposal-writing awareness to **faculty-led research mentorship and international research leadership**.
- **Introduction and scaling of Endowed Chairs**, strengthening research leadership with **5 chairs by 2030, 10 by 2035, and 15+ by 2040**.
- **Industry immersion and global exposure**, through faculty sabbaticals, industry internships, and **international faculty exchange programmes**, leading to collaborative curriculum design.
- **Progressive digital pedagogy adoption**, moving from basic digital literacy to **AI-enabled teaching**, with **40% of curriculum digitized by 2040**.
- **Leadership development pipeline** for faculty, nurturing **HoDs, Deans, and research leaders** with governance exposure and global leadership recognition.
- **Comprehensive non-teaching staff capacity building**, covering **ERP/MIS, automation, cybersecurity, smart campus operations**, and exposure to best practices at leading institutions.

- **Structured mentoring ecosystem**, evolving from peer mentoring to a **sustained mentoring culture** supporting faculty and student professional growth.
- **Recognition and career progression systems**, integrating **performance-based awards, CPD-linked advancement**, and long-term career pathways.
- **Enhanced global exposure for faculty and students**, transitioning from isolated conferences to **Centres of excellence, joint programmes, and global academic leadership**



Short-Term, Medium-Term, Long-Term Goals



Short-Term Goals (2026–2030)

During the short-term period, Vel Tech focuses on strengthening faculty and staff capacity by significantly enhancing academic qualifications, professional skills, and institutional systems. The proportion of Ph.D.-qualified faculty will increase from the existing baseline to **95%**, supported by targeted annual recruitment, with **10% of new faculty drawn from IITs, NITs, and Institutes of National Importance**. The institution will establish **five endowed chairs** to promote academic leadership and excellence. Faculty training initiatives will emphasize induction and capacity building in **NEP 2020, outcome-based education, pedagogy, ethics, ICT tools, and blended learning** through structured workshops and FDPs. Research capacity development will focus on **research awareness, methodology, proposal writing, and intellectual property rights**, enabling faculty to actively engage in funded research. Industry internships and exchange programmes will be introduced for faculty to strengthen industry-academia linkage. Digital pedagogy initiatives will ensure basic digital literacy and enable **10% curriculum digitization** through digital content creation. Leadership development efforts will focus on awareness-building for academic administrators. Non-teaching staff will undergo structured induction, policy orientation, and basic ERP and MIS training, along with professional skill development in IT, laboratory, library, and automation systems. Peer mentoring mechanisms will be introduced, and recognition systems such as service and efficiency awards will be initiated. Faculty and staff global exposure will be enhanced through participation in national conferences, workshops, and domestic institutional visits.

Medium-Term Goals (2031–2035)

In the medium term, Vel Tech aims to consolidate capacity development efforts by achieving **100% Ph.D.-qualified faculty** and strengthening recruitment, with **20% of new faculty sourced from premier national institutions**. The number of endowed chairs will be expanded to **TEN**, fostering sustained academic leadership. Faculty development programmes will move toward **advanced training in emerging technologies** such as Artificial Intelligence, Data Science, IoT, AR/VR, and Semiconductor technologies. Research capacity will be strengthened by positioning faculty as **research leaders and mentors**, actively guiding projects and doctoral scholars. Faculty exchange programmes with **global universities** will be implemented, enhancing international collaboration. Digital pedagogy will advance toward **AI-enabled teaching**, and curriculum digitization efforts will expand significantly. Leadership development will focus on structured training for **Heads of Departments and Deans**, including exposure to academic governance. Non-teaching staff development will progress through advanced ERP and MIS usage, exposure visits to reputed institutions, and specialization in finance, human resources, and administration. Cybersecurity and digital operations training will strengthen smart campus capabilities. Mentoring networks will be institutionalized and strengthened. Career progression systems will be formalized through structured pathways linked to performance and professional development. Faculty and staff will gain international exposure through exchange programmes, sabbaticals, and short-term overseas training.

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech envisions sustaining excellence in capacity development through continuous professional growth, global engagement, and leadership recognition. Recruitment strategies will ensure that **30% of faculty induction comes from premier institutions**, while the number of endowed chairs will expand to **15 or more**, strengthening institutional thought leadership. Faculty development will emphasize **lifelong learning, global recognition, and advanced interdisciplinary expertise**, with faculty assuming leadership roles in research, mentoring, and international collaboration. Faculty exchange and sabbatical programmes will evolve into **global collaborative curriculum design initiatives**. Digital pedagogy will mature with **40% of the curriculum fully digitized** and widespread adoption of AI-enabled teaching-learning systems. Leadership development will extend to global governance exposure and international academic leadership recognition. Non-teaching staff will receive advanced training in **digital governance, smart campus management, and global best practices**, supported by international training collaborations. Mentoring will become a sustained institutional culture. Career progression will be fully integrated with continuous professional development frameworks.

Faculty and staff global exposure will culminate in leadership roles within Centres of Excellence and international academic networks, positioning Vel Tech as a globally competitive institution.

Enabler 3: Capacity Development – Faculty & Students (2026–2040) — Summary Roadmap

Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
Faculty Qualifications & Recruitment	Increase PhD-qualified faculty to 95%; recruit 10% new faculty from IITs, NITs, and Institutes of National Importance	Achieve 100% PhD-qualified faculty; recruit 20% new faculty from premier national institutions	Sustain recruitment with 30% faculty induction from premier institutions
Endowed Chairs & Academic Leadership	Establish 5 endowed chairs to strengthen academic leadership	Expand endowed chairs to 10	Expand endowed chairs to 15 or more, strengthening institutional thought leadership
Faculty Development Programmes (FDPs)	Conduct FDPs on NEP 2020, OBE, pedagogy, ethics, ICT tools, and blended learning	Advance FDPs in emerging areas such as AI, Data Science, IoT, AR/VR, and Semiconductors	Emphasize lifelong learning, interdisciplinary expertise, and global academic leadership
Research Capacity Building	Focus on research awareness, methodology, proposal writing, and IPR	Position faculty as research mentors and leaders guiding projects and PhD scholars	Faculty lead global research collaborations and advanced interdisciplinary research
Industry Immersion & Global Exposure (Faculty)	Introduce faculty industry internships, exchange programs, and exposure visits	Implement structured faculty exchange programs with global universities	Institutionalize faculty sabbaticals and global collaborative curriculum design
Digital Pedagogy & Curriculum Digitization	Ensure basic digital literacy; digitize 10% of curriculum	Expand AI-enabled teaching and curriculum digitization	Achieve 40% curriculum digitization with mature AI-enabled teaching–learning systems
Leadership Development & Governance	Create awareness programs for HoDs and academic administrators	Implement structured leadership training for HoDs and Deans	Achieve global governance exposure and international academic leadership recognition
Non-Teaching Staff Capacity Building	Conduct induction, policy orientation, ERP/MIS training, and basic professional skill development	Advance ERP/MIS usage; specialization in finance, HR, administration, and cybersecurity	Enable advanced digital governance, smart campus management, and global best practices

Mentoring Systems	Introduce peer mentoring mechanisms	Institutionalize structured mentoring networks	Sustain a mentoring culture across faculty and students
Recognition & Career Progression	Initiate service, efficiency, and performance-based awards	Formalize career progression pathways linked to performance	Fully integrate career progression with continuous professional development
Student Capacity Development & Exposure	Enhance participation in national conferences, workshops, and domestic institutional visits	Expand international exposure through exchange programs and global training	Position students within Centres of Excellence and international academic networks

Vel Tech Campus



ENABLER 4: GLOBAL VISIBILITY AND COLLABORATION 2026-2040

The Global Visibility roadmap (2026–2040) positions Vel Tech to emerge as a globally recognized institution by strengthening international student intake, expanding active global partnerships, and scaling student and faculty exchanges across leading universities worldwide. The plan envisions significant growth in Twinning, dual-degree and joint degree/PhD programs, international conferences, summer schools, and collaborative research projects, supported by major global funding frameworks. Dedicated international facilities, large-scale digital branding, and strong alumni networks further reinforce Vel Tech’s global presence. With increased international faculty participation, Tier-1 partnerships, and UN SDG–aligned initiatives, the institution aims to build a robust global ecosystem that enhances academic reputation, cultural diversity, and worldwide impact by 2040.



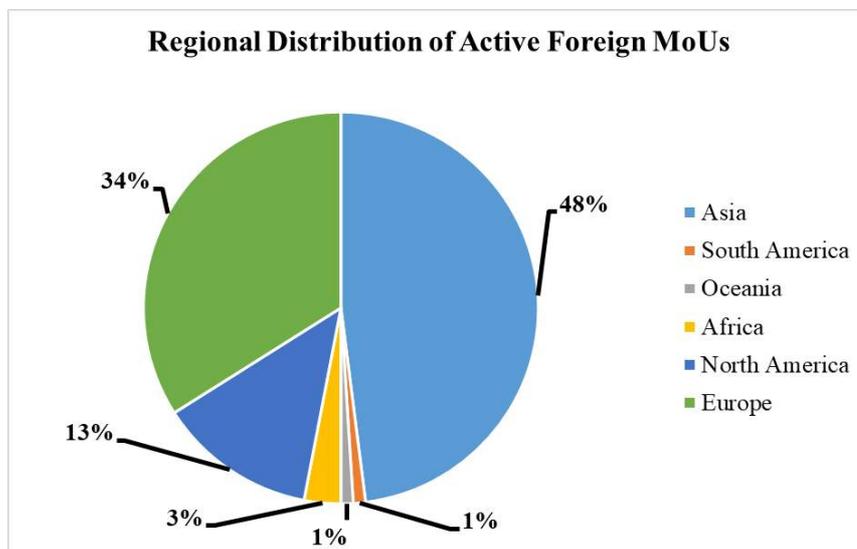
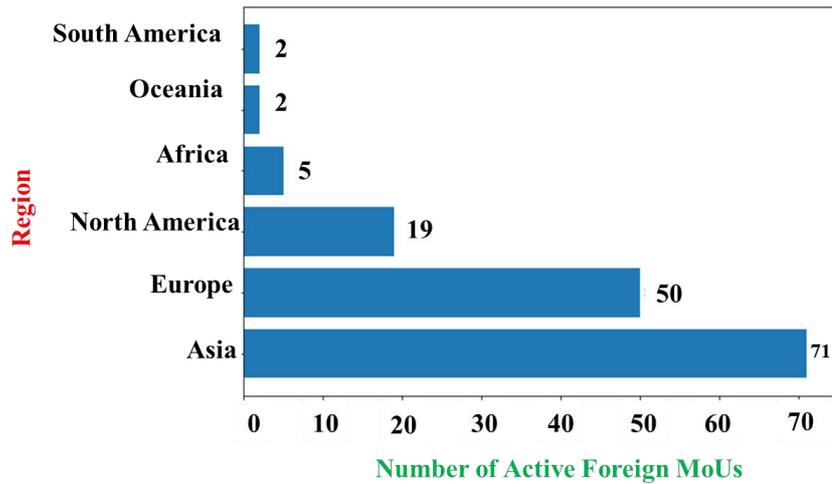
Partnership Agreement signed with Governors State University, Illinois, USA

Strengths & Highlights

- **Rapid expansion of international student footprint**, with growth from <100 students (2025) to 1,000+ international students by 2040, supported by dedicated international offices and housing facilities.
- **Extensive global partnership network**, scaling from 200+ MoUs to 500+ active international collaborations, with increasing activation rates and outcome-driven engagement.
- **Strategic regional focus and depth**, evolving from initial outreach to strong collaborations with top 1,000 global universities and Tier-1/Tier-2 institutions across USA, Europe, Southeast Asia, and Australia.

- **High-impact student and faculty exchange programs**, targeting **1,500+ annual student exchanges** and **500+ inbound/outbound faculty exchanges** by 2040.
- **Well-established semester-abroad and mobility pathways**, with cumulative participation projected to exceed **1,600+ students annually**, enhancing global exposure and employability.
- **Introduction and scaling of twinning, dual, joint degree, and joint PhD programs**, progressing from pilot initiatives to **15+ dual/joint programs** and institution-wide joint PhD offerings.
- **Growing international research collaborations**, with **co-authored publications increasing from 15% to 50%**, and **50+ international research projects** by 2040.
- **Strong focus on global research funding**, transitioning from limited funding to participation in **Erasmus+, Horizon Europe, ASEAN, and NSF consortia**, ensuring sustainable international research income.
- **Institutionalization of global academic events**, including **flagship international conferences and summer school series**, enhancing global academic presence and thought leadership.
- **Dedicated infrastructure for internationalization**, with purpose-built **international offices, student support systems, and housing capacity exceeding 1,200** by 2040.
- **Strategic global branding and outreach**, supported by significant investments in **digital marketing, international fairs, and global campaigns**, strengthening international reputation.
- **Active global alumni engagement**, expanding international alumni base from **1,000 to 5,000+**, enabling mentorship, collaborations, and global advocacy.
- **Increasing faculty diversity and international expertise**, with visiting professors and **2% full-time international faculty** enhancing global academic perspectives.
- **Alignment with UN Sustainable Development Goals (SDGs)**, scaling from ad-hoc initiatives to **50+ globally impactful SDG-linked projects**.

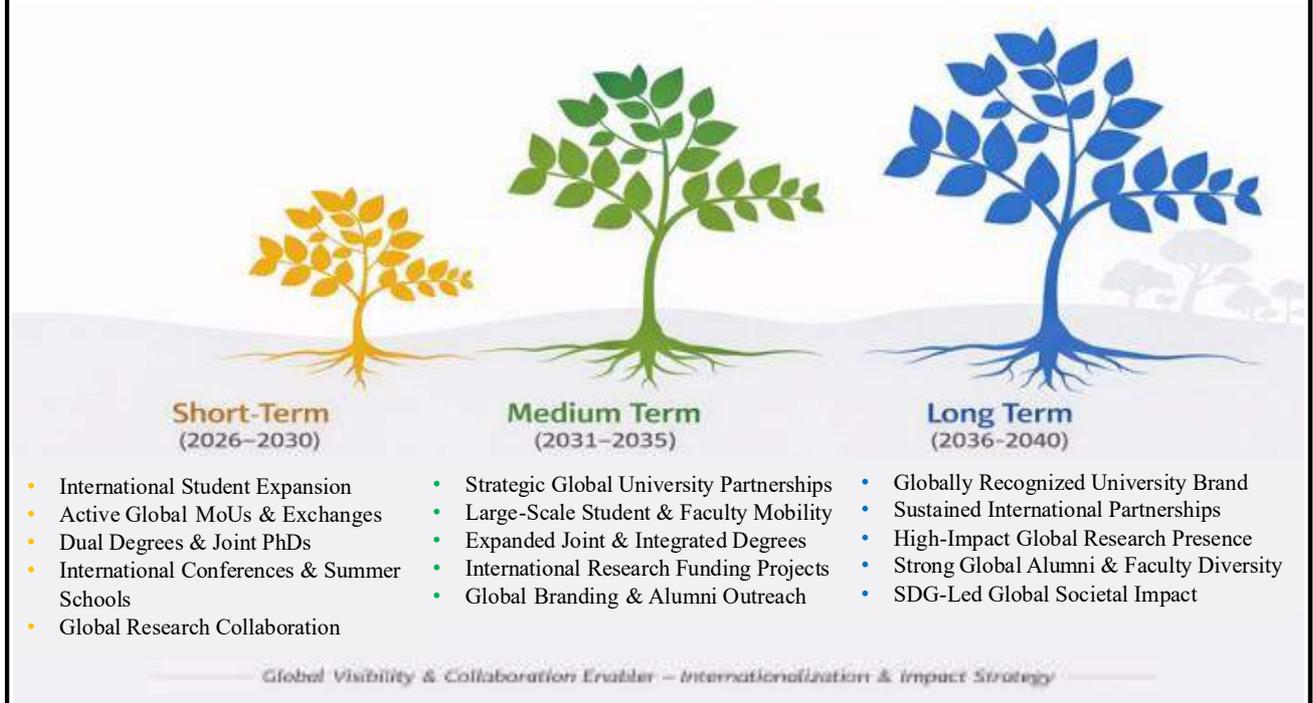
Region-wise Distribution of Active Foreign MoUs



Foreign MoUs

<p style="font-size: 24px; font-weight: bold; color: #0056b3;">149+</p> <p>Active Foreign MoUs</p>	<p style="font-size: 24px; font-weight: bold; color: #008000;">6</p> <p>Global Regions Covered</p>	<p style="font-size: 24px; font-weight: bold; color: #ff8c00;">Asia</p> <p>Primary Collaboration Region</p>	<p style="font-size: 24px; font-weight: bold; color: #6a3d9a;">Europe</p> <p>Secondary Collaboration Region</p>
<p style="font-size: 24px; font-weight: bold; color: #008000;">Students</p> <p>Mobility, Exchange, Global Exposure</p>	<p style="font-size: 24px; font-weight: bold; color: #6a3d9a;">Faculty</p> <p>Joint Research, Global Teaching</p>	<p style="font-size: 24px; font-weight: bold; color: #00b0f0;">NEP 2020</p> <p>Internationalisation Alignment</p>	<p style="font-size: 24px; font-weight: bold; color: #d62728;">SDGs</p> <p>SDG 4, 8, 9, 17 Enabled</p>

Short-Term, Medium-Term, Long-Term Goals



Short-Term Goals (2026–2030)

During the short-term period, Vel Tech aims to significantly enhance its global visibility by increasing the number of international students to more than **300** and expanding global partnerships to **300 MoUs**, with at least **60% being active collaborations**. International engagement efforts will focus on strategic regions such as **the USA, Europe, Southeast Asia, and Australia**, supported by strengthened student and faculty exchange programmes. Student exchange participation is expected to exceed **500 annually**, while faculty exchange will expand to **300 inbound and outbound participants**. Semester-abroad opportunities will be enhanced to support **800 students**, alongside the introduction of **five** twinning, **dual / joint degree programmes** and the initiation of **joint PhD programmes**. The university will organize **two international conferences annually** and expand summer schools to **five or more programmes each year**. Collaborative research will be strengthened through an increase in international co-authored publications to **25%** and participation in **20 international research projects**, supported by funding from major global agencies. Infrastructure for internationalization will be enhanced through the establishment of a **dedicated International Relations Office** and expanded student housing facilities. Digital branding and global outreach will be strengthened through focused investments in international marketing. Alumni engagement and visiting professor programmes will further support global academic presence, while initial projects aligned with **UN Sustainable Development Goals (SDGs)** will be launched.

Medium-Term Goals (2031–2035)

In the medium term, Vel Tech envisions deepening its international footprint by enrolling more than **500 international students** and expanding global partnerships to **400 MoUs**, with **75% active engagement**. Strategic collaboration will focus on building deeper academic and research partnerships with **top 1,000 global universities**. Student exchange participation will grow beyond **800 annually**, while faculty exchange will exceed **350 inbound and outbound participants**. Semester-abroad participation will reach **1,200 students**, and twinning, dual/joint, and integrated degree offerings will expand to **ten programmes**, alongside **five or more joint PhD programmes**. International academic engagement will be strengthened through hosting **three to five international conferences annually** and expanding summer schools to **eight programmes per year**. Research collaboration will intensify with **40% international co-authored publications** and participation in **35 or more international research projects**, including major global funding initiatives such as **Horizon Europe**. International student infrastructure will expand with increased housing capacity and professional support systems. Global branding efforts will be strengthened through expanded participation in international education fairs and digital campaigns. Alumni engagement will grow steadily, faculty diversity will improve with the inclusion of international faculty members, and the number of SDG-aligned projects will increase significantly.

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech aspires to establish itself as a globally recognized institution with a strong international academic and research presence. International student enrolment will exceed **1,000**, supported by comprehensive student services and expanded housing capacity. Global partnerships will grow to **500 or more active MoUs**, including **Tier-1 and Tier-2 collaborations** across major academic and research hubs worldwide. Student exchange participation will exceed **1,500 annually**, with cumulative participation crossing **4,000 students**, while faculty exchange will expand to more than **500 inbound and outbound participants**. Semester-abroad programmes will support over **1,600 students**, and twinning, dual/joint, and degree pathways will expand to **15 or more programmes**, with joint Ph.D. programmes institutionalized across disciplines. Vel Tech will host **flagship international conference series** and institutionalize global summer school programmes. Research collaboration will reach advanced levels with **50% international co-authored publications** and participation in **50 or more international research projects**, supported by sustainable global funding mechanisms. The university will establish a strong global brand identity through sustained international outreach, a vibrant global alumni network exceeding **5,000 members**, and increased faculty diversity with **2% full-time international faculty**. The institution will also demonstrate global societal impact through **50 or more major projects aligned with the UN Sustainable Development Goals**.

Enabler 4: Global Visibility and Collaboration (2026–2040) — Summary Roadmap

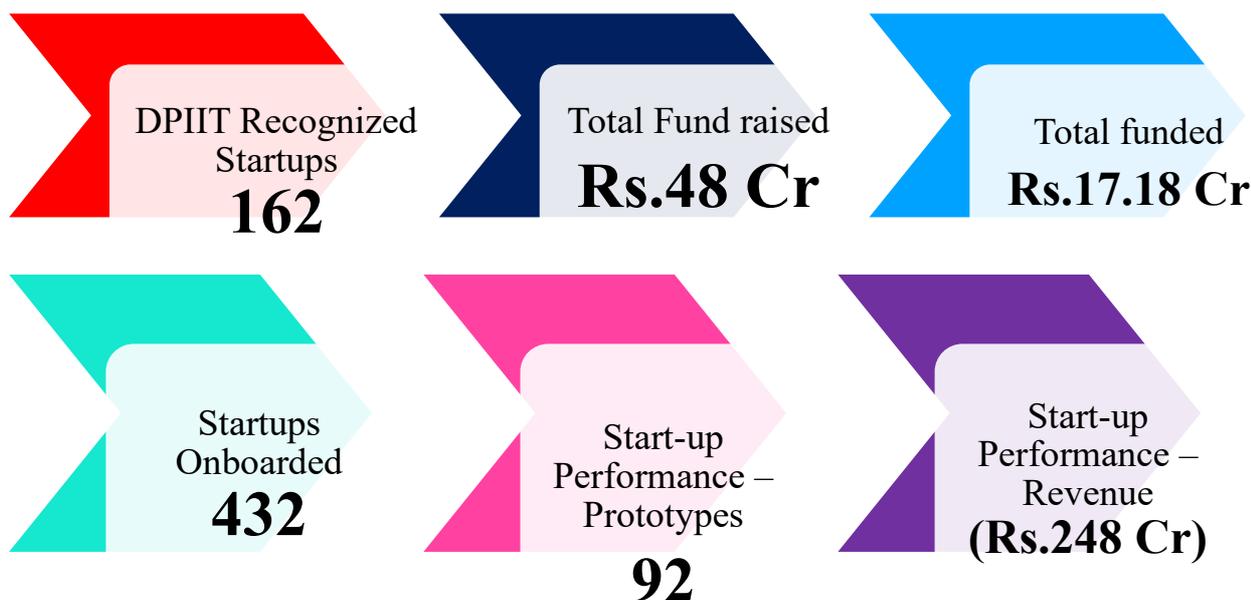
Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
International Student Enrollment	Increase international students to 300+ with dedicated international offices and housing support	Increase international students to 500+ with expanded student services and infrastructure	Increase international students to 1,000+ supported by comprehensive international student ecosystem
Global Partnerships (MoUs)	Expand global partnerships to 300 MoUs with at least 60% active collaborations	Expand global partnerships to 400 MoUs with 75% active engagement	Expand global partnerships to 500+ active MoUs including Tier-1 and Tier-2 institutions
Strategic Geographic Focus	Focus on USA, Europe, Southeast Asia, and Australia	Deepen partnerships with top 1,000 global universities	Sustain strong academic presence across major global education and research hubs
Student Mobility & Exchange	Enable 500+ student exchanges annually; strengthen semester-abroad pathways	Enable 800+ student exchanges annually; semester-abroad participation up to 1,200 students	Enable 1,500+ student exchanges annually; cumulative participation exceeding 4,000 students
Faculty Mobility & Exchange	Expand faculty exchange to 300 inbound and outbound participants	Increase faculty exchange to 350+ inbound and outbound participants	Increase faculty exchange to 500+ inbound and outbound participants
Joint / Dual Degree Programs	Introduce 5 twinning, dual, or joint degree programs; initiate joint PhD programs	Expand to 10 joint/dual degree programs and 5+ joint PhD programs	Institutionalize 15+ joint/dual degree programs and joint PhD offerings across disciplines
International Research Collaboration	Achieve 25% international co-authored publications; participate in 20 international research projects	Achieve 40% international co-authored publications; participate in 35+ international research projects	Achieve 50% international co-authored publications; participate in 50+ international research projects
Global Research Funding	Initiate participation in international funding programs	Expand participation in major global funding initiatives such as Erasmus+ and Horizon Europe	Sustain international research funding through global consortia and collaborations
International Academic Events	Organize 2 international conferences annually; conduct 5 summer schools per year	Organize 3–5 international conferences annually; expand summer schools to 8 programs	Institutionalize flagship international conferences and global summer school programs

International Infrastructure & Support	Establish a dedicated International Relations Office and expand student housing	Expand international student housing and professional support systems	Achieve housing capacity exceeding 1,200 with fully integrated international services
Global Branding & Outreach	Strengthen digital branding and international marketing initiatives	Expand participation in international education fairs and global campaigns	Establish sustained global brand identity and international academic reputation
Alumni & Faculty Diversity	Strengthen alumni engagement and visiting professor programs	Improve international faculty participation and global alumni networks	Achieve 2% full-time international faculty and a global alumni network exceeding 5,000
SDG-Linked Global Initiatives	Initiate SDG-aligned international projects	Expand number and scale of SDG-linked global initiatives	Achieve 50+ globally impactful projects aligned with UN SDGs

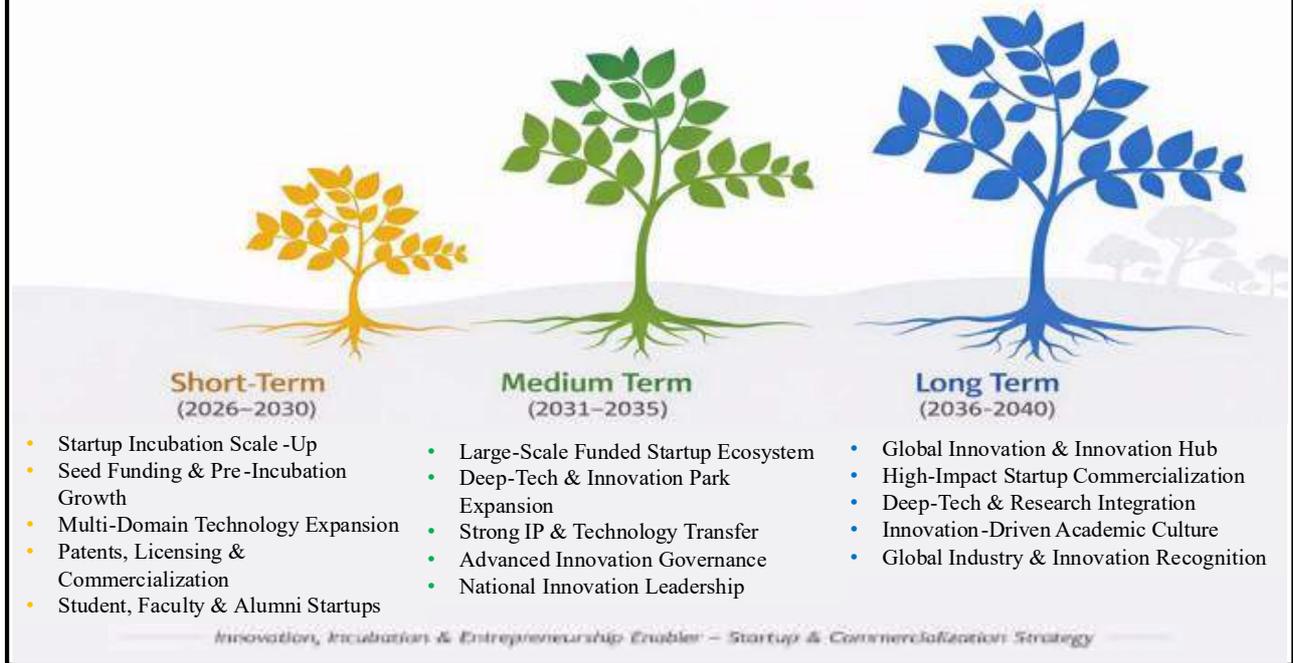
ENABLER 5: INNOVATION, INCUBATION AND ENTREPRENEURSHIP 2026-2040

The Innovation, Incubation & Entrepreneurship roadmap (2026–2040) highlights Vel Tech’s vision to build a globally competitive innovation ecosystem by scaling startup incubation, expanding deep-tech domains, and strengthening financial and infrastructural support for entrepreneurs. The plan aims to grow the startup portfolio to 1,000 ventures, increase funded startups, and establish a world-class innovation hub with extensive laboratories and multi-sector research facilities. It focuses on expanding pre-incubation programs, boosting patents, technology transfers, and commercialization, while nurturing student, faculty, and alumni entrepreneurship. With strong industry and international partnerships, enhanced NISP implementation, and advanced IIC performance, Vel Tech aspires to achieve top national innovation rankings and global visibility by 2040, creating a vibrant environment that fuels innovation-driven economic and societal impact.

Strengths & Highlights



Short-Term, Medium-Term, Long-Term Goals

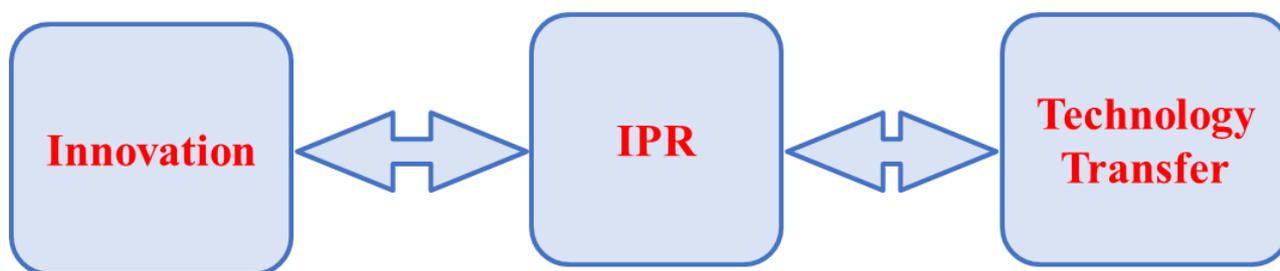


Short-Term Goals (2026–2030)

During the short-term period, Vel Tech aims to strengthen its innovation and entrepreneurship ecosystem by expanding its startup portfolio from over 300 to **432 incubated startups**, with **250 funded startups** supported through seed funding mechanisms such as NIDHI and SISFS. The technology focus will broaden beyond existing pilot domains such as AI/ML, IoT, EV, and CleanTech to include **AgriTech, MedTech, and Industry 4.0**. Annual financial support for innovation will be enhanced to **₹25 crore**, with cumulative startup funding reaching **₹50 crore**. Pre-incubation activities will be scaled up to **20 or more programmes annually**, strengthening the early-stage innovation pipeline. Incubation infrastructure will expand from **40,000 sq. ft. to 50,000 sq. ft.**, supporting increased startup activity. Innovation outputs will be strengthened through **400 patent filings**, **30 or more technology licenses**, and **60 commercialized startups**. Entrepreneurship development will focus on nurturing **100 student startups per year**, **25 faculty-led startups per year**, and increased alumni participation. Academic integration will be enhanced through **10 credit-based innovation courses** and **10 FDPs annually**. Policy frameworks such as NISP will be fully adopted, IIC performance will improve to a **4-star rating**, and industry partnerships will expand beyond **100 collaborations**, alongside increased international linkages. The institution aims to improve its standing in the **NIRF Innovation Ranking to Band 10–20**, achieving stronger national recognition.

Medium-Term Goals (2031–2035)

In the medium term, Vel Tech envisions scaling its innovation ecosystem to support **600 incubated startups**, including **400 funded ventures**, with cumulative startup funding reaching **₹100 crore**. The technology focus will advance into **deep-tech domains** such as Quantum Technologies, SpaceTech, and Bio-AI. Annual innovation funding will increase to **₹40 crore**, while pre-incubation programmes will expand to **30 or more annually**, forming a structured institutional innovation funnel. Incubation infrastructure will be significantly expanded to **1,00,000 sq. ft.**, creating a multi-sector innovation park. Innovation outcomes will intensify with **700 patent filings**, **75 or more technology transfers**, and **120 commercialized startups**. Entrepreneurship development will accelerate with **150 student startups per year**, **50 faculty startups per year**, and **150 alumni startups cumulatively**. Academic capacity building will expand to **20 credit-based innovation programmes** and **20 FDPs annually**. Governance mechanisms will move toward advanced monitoring of innovation activities, while IIC performance will reach a **5-star rating**. Industry collaborations will grow beyond **150 partners**, international partnerships to **50 institutions**, and Vel Tech will target a **Top 10 national position in NIRF Innovation Rankings**, achieving strong regional and Asia-level visibility.



Ideation (IIC)

- Students Innovation Grant
- NIDHI Prayas
- EDII TN Voucher
- Credit Activity

Incubation (TBI)

- Pre Incubation
- Incubation 1.5 Years
- Space, Mentorship & Industry Connect
- Credit Activity

Technology Transfer & Market Scaling

- TTO office
- NIDHI CoE
- Meity TIDE Grant
- Startup India Seed Fund
- StartupTN

Product Development

- Through Centres of Excellence
- PoC Grant
- Ideation Grant
- NIDHI CoE
- Meity TIDE Grant
- Startup India Seed Fund

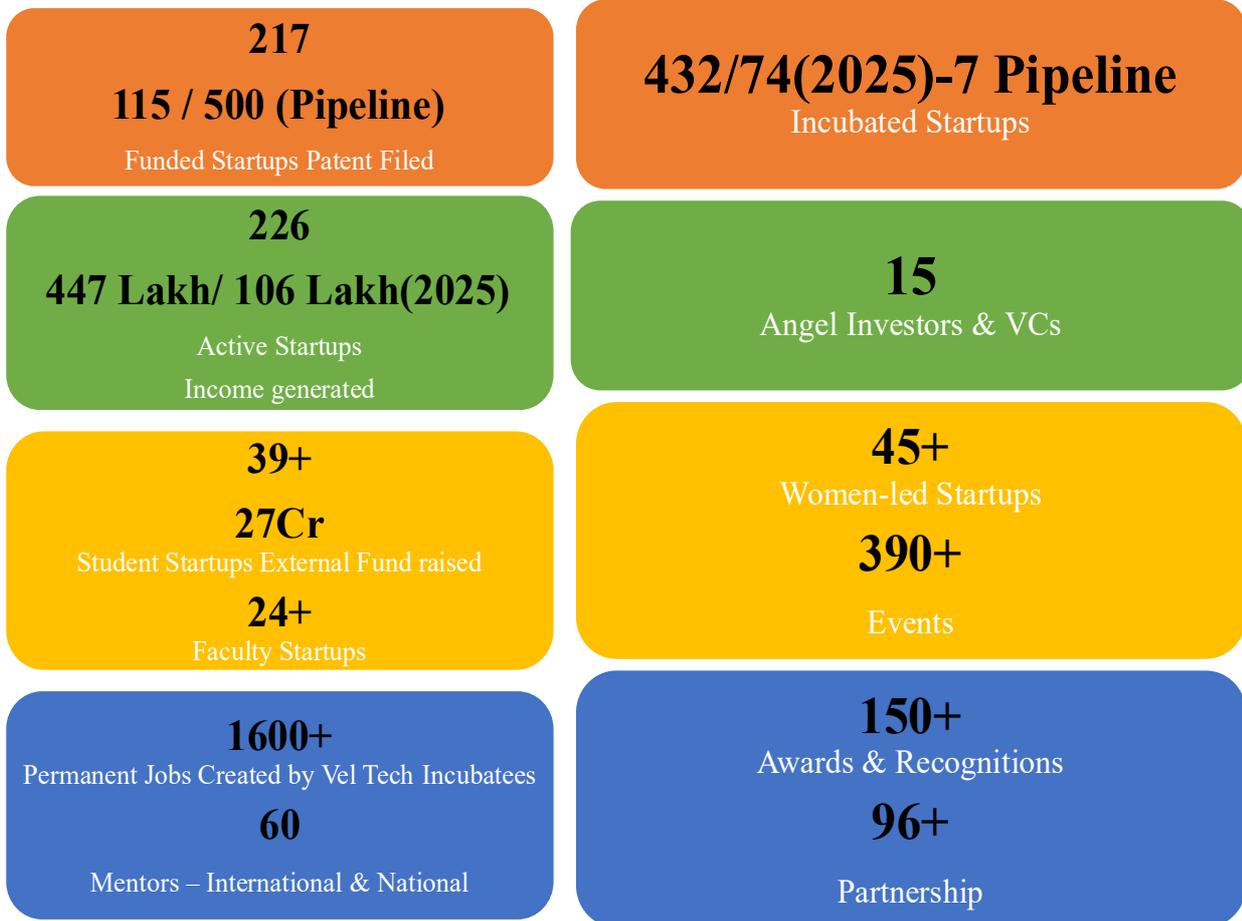
IPR Filing

- KAPILA Scheme
- In house IPR
- Full Fee Sponsorship
- Cash Incentive

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech aspires to emerge as a **globally recognized innovation hub**, supporting **1,000 incubated startups**, including **600 or more funded ventures**, across **15 or more deep-tech sectors**. Annual financial support for innovation will exceed **₹75 crore**, with cumulative startup funding reaching **₹250 crore**. Pre-incubation programmes will be fully institutionalized, creating a seamless pipeline from ideation to scale-up. Incubation infrastructure will evolve into a **Global Innovation Hub**, supporting advanced research commercialization and startup growth. Innovation outputs will reach **1,000+ patent filings**, **150+ technology licenses**, and **250 commercialized startups**. Entrepreneurship development will mature with **250 student startups per year**, **100 faculty startups per year**, and **300 alumni startups**, reflecting a strong entrepreneurial culture. Academic integration will expand to **30 or more innovation-focused credit courses** and **30+ FDPs annually**, embedding innovation across disciplines. Innovation governance will become an institutional

culture, with sustained global rankings under IIC and NIRF Innovation frameworks. Industry partnerships will exceed **250**, international collaborations will grow to **100 institutions**, and Vel Tech will achieve **global peer recognition** for excellence in innovation, incubation, and entrepreneurship.

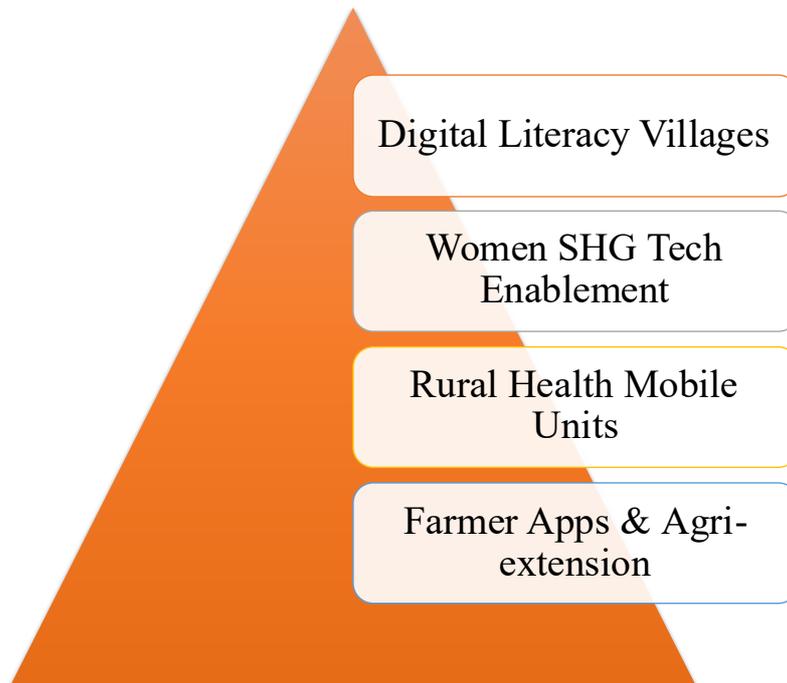


Enabler 5: Innovation, Incubation and Entrepreneurship (2026–2040) — Summary Roadmap

Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
Startup Portfolio & Incubation Scale	Expand incubated startups from 300+ to 450; support 250 funded startups	Expand incubated startups to 600, including 400 funded ventures	Expand incubated startups to 1,000, including 600+ funded ventures
Technology Domains & Focus Areas	Strengthen AI/ML, IoT, EV, CleanTech; add AgriTech, MedTech, Industry 4.0	Expand into deep-tech domains including Quantum Technologies, SpaceTech, Bio-AI	Support 15+ deep-tech sectors with global-scale innovation activity
Innovation Funding & Financial Support	Increase annual innovation funding to ₹25 crore; cumulative funding ₹50 crore	Increase annual innovation funding to ₹40 crore; cumulative funding ₹100 crore	Annual innovation funding exceeding ₹75 crore; cumulative funding ₹250 crore
Pre-Incubation & Pipeline Development	Conduct 20+ pre-incubation programs annually; strengthen ideation pipeline	Expand to 30+ structured pre-incubation programs annually	Fully institutionalized ideation-to-scale-up innovation pipeline
Incubation Infrastructure	Expand incubation space from 40,000 sq. ft. to 50,000 sq. ft.	Expand incubation infrastructure to 1,00,000 sq. ft. innovation park	Develop a Global Innovation Hub supporting advanced commercialization
Intellectual Property & Commercialization	File 400 patents; achieve 30+ technology licenses; commercialize 60 startups	File 700 patents; achieve 75+ technology transfers; commercialize 120 startups	File 1,000+ patents; achieve 150+ technology licenses; commercialize 250 startups
Student Entrepreneurship	Support 100 student startups per year	Support 150 student startups per year	Support 250 student startups per year
Faculty & Alumni Entrepreneurship	Support 25 faculty startups per year; increase alumni participation	Support 50 faculty startups per year; expand alumni startup involvement	Support 100 faculty startups per year; support 300 alumni startups cumulatively
Academic Integration & Capacity Building	Introduce 10 innovation credit courses and 10 FDPs annually	Expand to 20 innovation credit courses and 20 FDPs annually	Expand to 30+ innovation credit courses and 30+ FDPs annually
Governance & Policy Frameworks	Fully adopt NISP; improve IIC performance to 4-star rating	Strengthen governance; achieve 5-star IIC rating	Institutionalize innovation governance as core academic culture

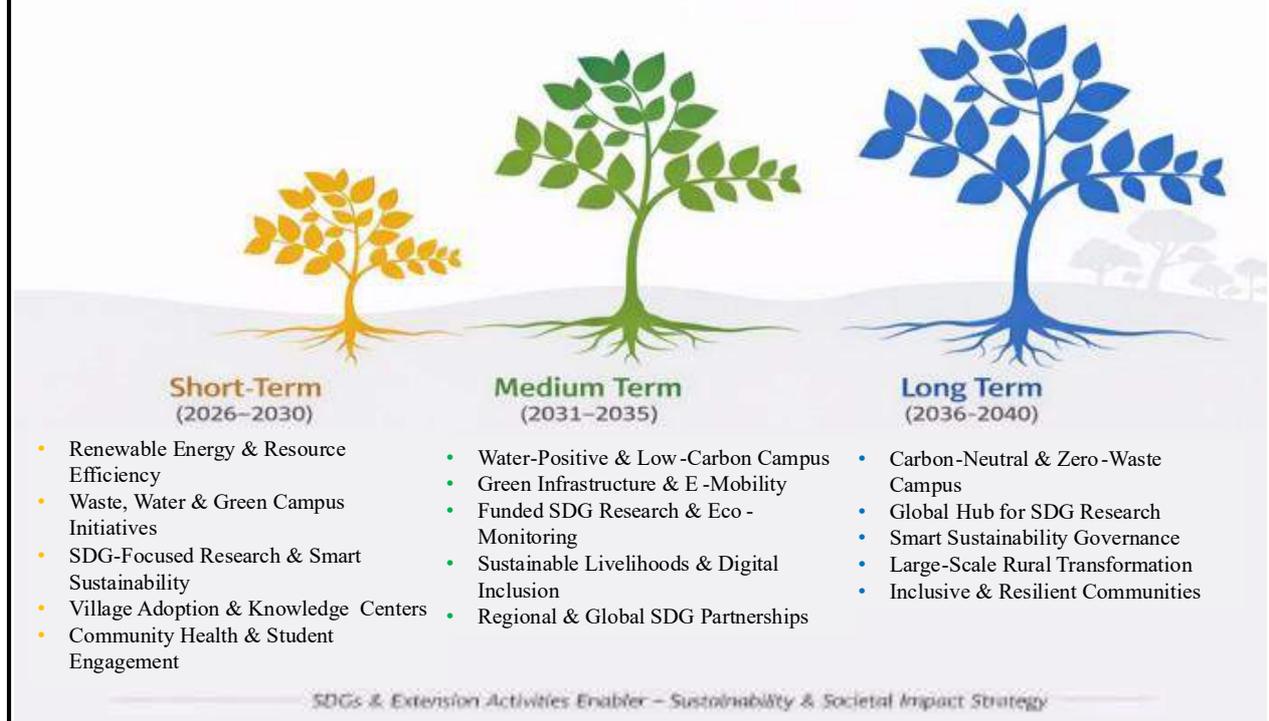
Industry & International Partnerships	Expand industry partnerships beyond 100; initiate international linkages	Expand industry partnerships beyond 150; international partnerships with 50 institutions	Expand industry partnerships beyond 250; international collaborations with 100 institutions
Innovation Rankings & Recognition	Improve NIRF Innovation Ranking to Band 10–20	Achieve Top 10 position in NIRF Innovation Rankings	Achieve sustained national and global recognition in innovation and entrepreneurship

ENABLER 6: SUSTAINABLE DEVELOPMENT GOALS & EXTENSION ACTIVITIES 2026-2040



The Sustainable Development Goals roadmap (2026–2040) presents Vel Tech’s long-term commitment to environmental stewardship, social responsibility, and community development through large-scale initiatives in renewable energy, zero-waste systems, biodiversity enhancement, water conservation, and green infrastructure. The plan targets a fully solar-powered campus, 100% waste segregation, green-certified buildings, and smart sustainability technologies while expanding sustainability research and village development under UBA. It also emphasizes rural empowerment through digital literacy centers, livelihood programs, farmer apps, health and sanitation interventions, women empowerment initiatives, and global partnerships. By integrating student leadership, civic engagement, and continuous impact monitoring, Vel Tech aims to become a model institution for sustainable, inclusive, and community-driven development by 2040.

Short-Term, Medium-Term, Long-Term Goals



Short-Term Goals (2026–2030)

During the short-term period, Vel Tech will focus on establishing a strong foundation for sustainability and community engagement by expanding renewable energy initiatives, improving resource efficiency, and strengthening extension activities. Solar power capacity will be significantly enhanced, complemented by pilot wind energy installations. Waste management systems will be upgraded to enable full waste segregation and composting, while digital initiatives will drive a major transition toward paperless administrative and academic processes. Biodiversity efforts will include the development of a biodiversity park with native species, alongside improvements in green-certified buildings and the introduction of electric buses and cycle tracks. Water sustainability will be strengthened through expanded rainwater harvesting and campus-wide wastewater treatment facilities. Sustainability-focused research will be formalized through the establishment of a dedicated research centre, while smart technologies such as AI-enabled energy management and IoT-based waste monitoring will be introduced. Extension activities will expand through increased village adoption under Unnat Bharat Abhiyan, the establishment of village knowledge centers, skill development initiatives for women self-help groups, digital literacy programs, environmental conservation drives, health camps, sanitation initiatives, and student-led civic engagement through NSS and NCC activities. Institutional partnerships with NGOs and government agencies will support SDG-aligned interventions.

Medium-Term Goals (2031–2035)

In the medium term, Vel Tech aims to deepen its sustainability impact by scaling renewable energy capacity, significantly increasing waste recycling, and advancing toward a water-positive campus. Green infrastructure initiatives will expand through the retrofitting of buildings and the transition to a predominantly electric campus transport system supported by charging infrastructure. Biodiversity initiatives will grow into active research and learning ecosystems, while sustainability research will expand through multiple funded projects addressing climate action, clean energy, water management, and circular economy practices. Smart sustainability solutions will be strengthened through eco-monitoring applications and data-driven decision-making systems. Extension activities will broaden with increased village adoption, fully functional village knowledge centers, expanded digital literacy and farmer empowerment platforms, and the promotion of sustainable livelihoods through microfinance integration. Environmental conservation efforts will intensify through large-scale tree planting, solar energy deployment in villages, and zero-waste village models aligned with Swachh Bharat initiatives. Public health outreach will be strengthened through mobile health units, while student leadership will evolve through social innovation labs and structured civic engagement initiatives. Regional and international collaborations will enhance the scale and impact of SDG-focused programs.

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech envisions becoming a benchmark institution for sustainability, inclusive development, and societal transformation. The campus will transition to a fully renewable-energy-powered, carbon-neutral, and zero-waste ecosystem, supported by comprehensive green infrastructure, smart water grids, and fully paperless operations. Biodiversity initiatives will gain national recognition as living research ecosystems, while sustainability research will mature into a global hub addressing critical SDG challenges. Smart sustainability dashboards will enable real-time monitoring and governance of environmental performance. Extension activities will achieve deep and sustained impact through large-scale village adoption, fully digital village knowledge hubs, widespread rural entrepreneurship, national-level digital empowerment platforms, and extensive deployment of renewable energy solutions in rural areas. Public health and sanitation initiatives will ensure comprehensive community coverage, while Swachh Bharat-aligned villages will become self-sustaining models. Student leadership will expand into disaster response, global civic engagement, and social innovation at scale. The institution will strengthen national and international collaborations, women empowerment programs, and inclusive education initiatives, supported by robust social impact monitoring through an integrated rural development observatory, reinforcing Vel Tech's commitment to sustainable and inclusive development.

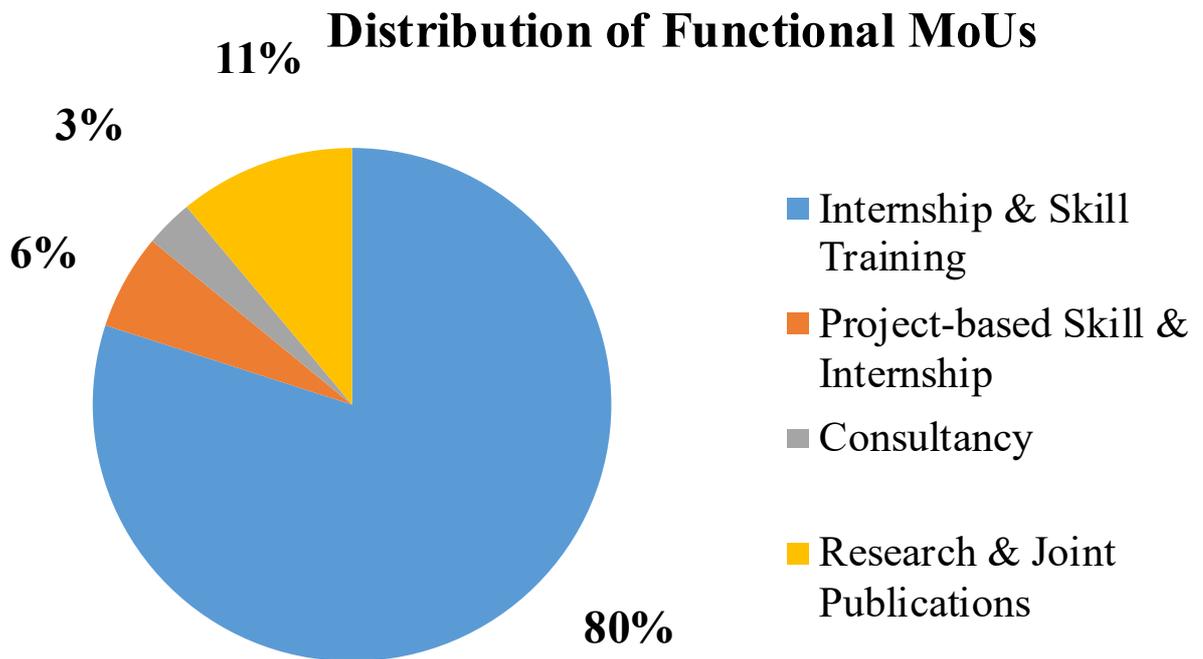
Enabler 6: Sustainable Development Goals & Extension Activities (2026–2040) — Summary Roadmap

Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
Renewable Energy & Carbon Reduction	Expand solar power capacity; initiate pilot wind energy installations	Scale renewable energy capacity; move towards water-positive and low-carbon campus	Achieve fully renewable-energy-powered, carbon-neutral campus
Waste Management & Resource Efficiency	Implement full waste segregation, composting, and recycling systems	Significantly increase waste recycling; advance towards zero-waste operations	Achieve 100% zero-waste campus with circular resource management
Green Infrastructure & Mobility	Expand green-certified buildings; introduce electric buses and cycle tracks	Retrofit buildings for sustainability; transition to predominantly electric campus transport	Establish fully green-certified, smart, and sustainable campus infrastructure
Water Conservation & Management	Strengthen rainwater harvesting and wastewater treatment facilities	Progress towards water-positive campus through smart water systems	Implement smart water grids with real-time monitoring and governance
Biodiversity & Ecology	Establish biodiversity park with native species	Expand biodiversity initiatives into active research and learning ecosystems	Achieve national recognition for biodiversity as living research ecosystems
Sustainability-Focused Research	Establish dedicated sustainability research centre; initiate SDG-linked projects	Expand funded sustainability research in climate action, clean energy, and circular economy	Develop a global sustainability research hub addressing critical SDG challenges
Smart Sustainability & Digital Tools	Introduce AI-enabled energy management and IoT-based waste monitoring	Strengthen data-driven eco-monitoring and sustainability dashboards	Implement real-time smart sustainability dashboards for campus governance
Extension Activities & Village Adoption	Expand village adoption under UBA; establish village knowledge centres	Increase number of adopted villages; strengthen digital village platforms	Achieve large-scale village adoption with fully digital village knowledge hubs
Rural Empowerment & Livelihoods	Launch digital literacy programs, SHG skill initiatives, farmer apps, and health camps	Expand sustainable livelihood models with microfinance and agri-extension support	Enable widespread rural entrepreneurship and self-sustaining village ecosystems
Public Health, Sanitation & Social Outreach	Conduct health camps, sanitation drives, and Swachh Bharat-aligned activities	Strengthen mobile health units and sanitation coverage	Ensure comprehensive community health and sanitation coverage

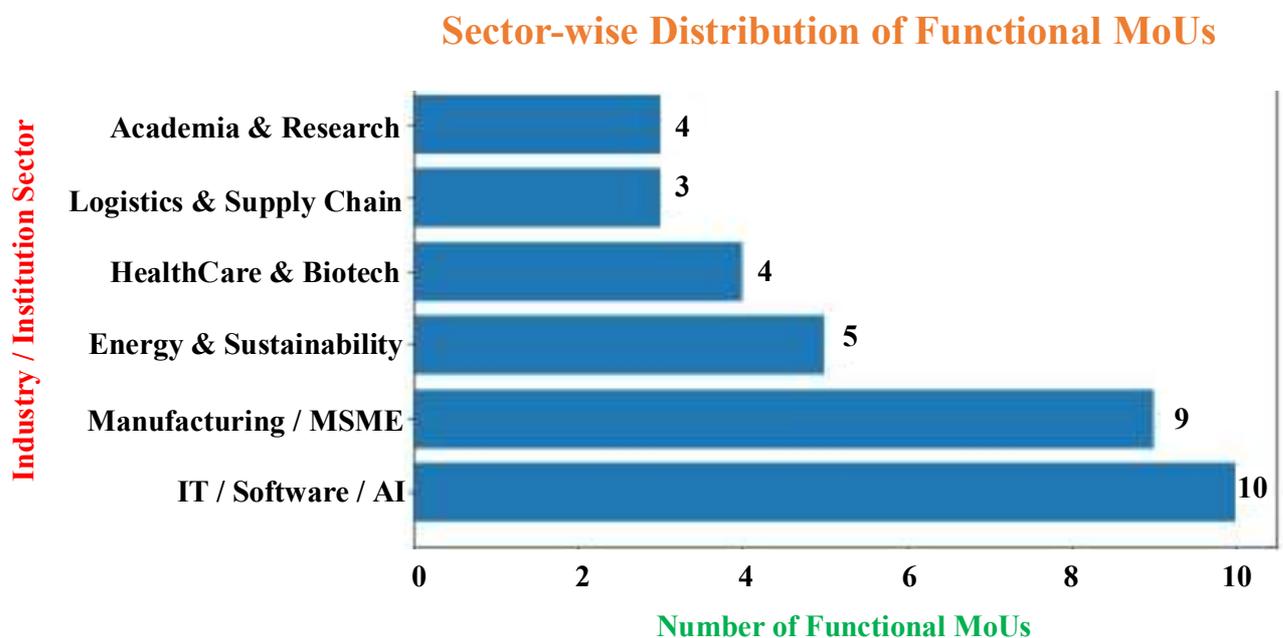
Student Engagement & Leadership	Strengthen NSS, NCC, and student-led civic engagement initiatives	Establish social innovation labs and structured civic leadership programs	Expand student leadership into disaster response and global civic engagement
Institutional Partnerships & Impact Monitoring	Collaborate with NGOs and government agencies for SDG initiatives	Strengthen regional and international partnerships for SDG programs	Establish integrated rural development observatory for long-term social impact monitoring

NEP Higher Education Focus	SDGs Implemented at Vel Tech	Phase
Multidisciplinary education	SDG 4 – Quality Education	Long Term
Research & Innovation	SDG 9 – Innovation	Long Term
Academic flexibility	SDG 8 – Decent Work	Medium term
Technology integration	SDG 9 – Infrastructure	Long Term
Quality & accountability	SDG 10 – Reduced Inequalities	Long Term
Internationalization	SDG 17 – Partnerships	Long Term
Sustainability initiatives	SDG 6, 11, 12, 13	Medium term
Solar Campus	-SDG 7	Long Term
Digital Village	-SDG 4	Long Term
Startup Accelerator	-SDG 9	Medium term

Functional MoUs



The MoU portfolio is predominantly oriented toward internships and skill training, reflecting Vel Tech’s strategic focus on experiential learning, industry readiness, and employability.



The sectoral spread of MoUs reflects Vel Tech’s balanced engagement across technology, manufacturing, sustainability, healthcare, academia, and social sectors, enabling multidisciplinary exposure and diverse career pathways for students.

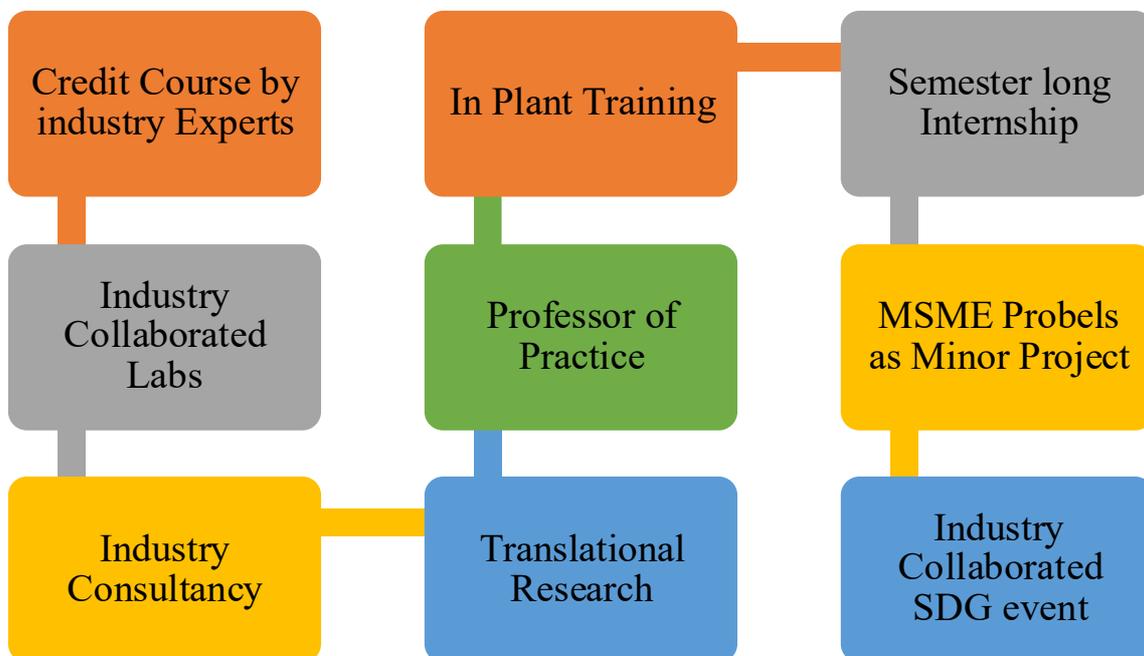


The functional MoUs of Vel Tech are strategically aligned with experiential learning, skill development, research, and societal engagement. With over 80% of collaborations focused on internships and skill training across multiple industry sectors, the MoU ecosystem directly supports student employability, faculty research, consultancy, and innovation. These collaborations are strongly aligned with NEP 2020 priorities and contribute to SDGs 4, 8, 9, and 17, reinforcing Vel Tech's commitment to outcome-oriented, inclusive, and sustainable higher education.



Partnership Agreement Signed with Ashok Leyland

The Industry Collaboration roadmap (2026–2040) outlines Vel Tech’s strategy to build a strong, future-focused industry–academia ecosystem by expanding partnerships, enhancing experiential learning, and strengthening innovation linkages. The plan envisions a rapid scale-up of MoUs with leading industries, growth in joint R&D projects, and establishment of advanced industry-sponsored laboratories. It emphasizes large-scale student internships, extensive industry expert engagement, and significant faculty immersion through sabbaticals. The roadmap also integrates corporate-backed startup support, increased CSR contributions, and a robust alumni engagement framework that includes global chapters, mentorship networks, career services, and lifelong learning platforms. By 2040, Vel Tech aims to become a globally connected institution with deep industry integration, strong entrepreneurial support, and a dynamic alumni-driven innovation ecosystem.



Industry Intervention Model

ENABLER 7: INDUSTRY COLLABORATION AND ALUMNI ENGAGEMENTS 2026-2040

Short-Term Goals (2026–2030)

During the short-term period, Vel Tech aims to significantly strengthen its industry interface and alumni engagement ecosystem by expanding active industry collaborations and structured engagement mechanisms. Industry partnerships will be enhanced through an increased number of MoUs with OEMs, MSMEs, IT parks, and corporate partners, enabling stronger collaboration in internships, curriculum delivery, and applied research. Joint R&D projects will be scaled up, supported by the establishment of additional industry-sponsored laboratories in emerging technology domains. Student learning will be enriched through expanded industry internships, while faculty exposure to industry practices will be strengthened through sabbaticals and structured industry immersion programmes. Industry experts will increasingly contribute to academic delivery through guest lectures, technical sessions, and skill-based modules. Corporate-backed startup support and CSR contributions will be enhanced to strengthen entrepreneurship linkages. Alumni engagement will be formalized through the establishment of a functional Alumni Advisory Board, the creation of regional and international alumni chapters, and the introduction of structured alumni mentorship programs. Digital alumni databases and networking platforms will be initiated to facilitate engagement, along with regular networking events, guest interactions, and alumni-supported career guidance initiatives.

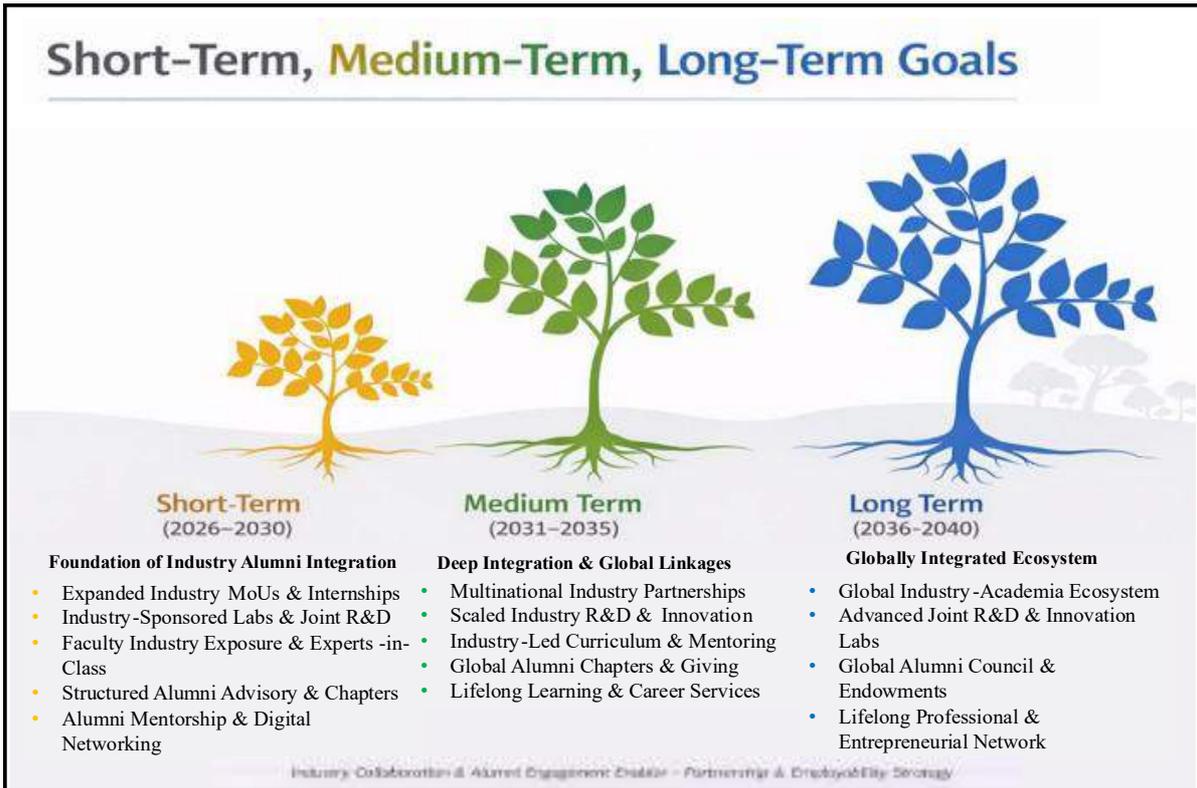
Medium-Term Goals (2031–2035)

In the medium term, Vel Tech envisions deepening industry and alumni integration by expanding multinational industry partnerships and increasing collaborative research and innovation outcomes. The number of joint R&D projects and industry-sponsored laboratories will grow substantially, including collaborations with global industry partners. Student internships and faculty sabbaticals in industry will be further scaled to strengthen employability and applied research capabilities. Industry professionals will play a larger role in curriculum delivery, project mentoring, and entrepreneurship development. Corporate startup support mechanisms and CSR funding will be strengthened to enable sustained innovation and incubation activities. Alumni engagement will mature with global representation on the Alumni Advisory Board, expanded international alumni chapters, and a significantly larger alumni mentorship network supporting students and startups. Alumni contributions will increase through structured giving programs, while digital alumni platforms will evolve into global business and networking ecosystems. Continuing education offerings and career

transition services will be expanded to support lifelong learning and professional advancement for alumni worldwide.

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech aspires to establish a globally integrated industry–academia–alumni ecosystem that drives innovation, employability, and institutional sustainability. Industry collaborations will expand to a large network of global partners, supporting advanced joint R&D projects, global innovation labs, and large-scale industry-sponsored infrastructure. Student internships, faculty industry sabbaticals, and industry-led academic delivery will become deeply embedded in the academic framework. Strong entrepreneurship linkages will be sustained through corporate startup support and strategic CSR partnerships. Alumni engagement will reach global maturity through a recognized international alumni council, extensive global chapters, and a large, active mentorship network. Alumni contributions will form a significant pillar of institutional development, supported by structured annual giving and endowment models. Digital alumni services will be fully integrated, offering lifelong networking, learning, career, and entrepreneurship support. Regular global business networking events, career hubs, and continuing education programs will position Vel Tech as a lifelong partner for industry professionals and alumni, reinforcing its global reputation and impact.



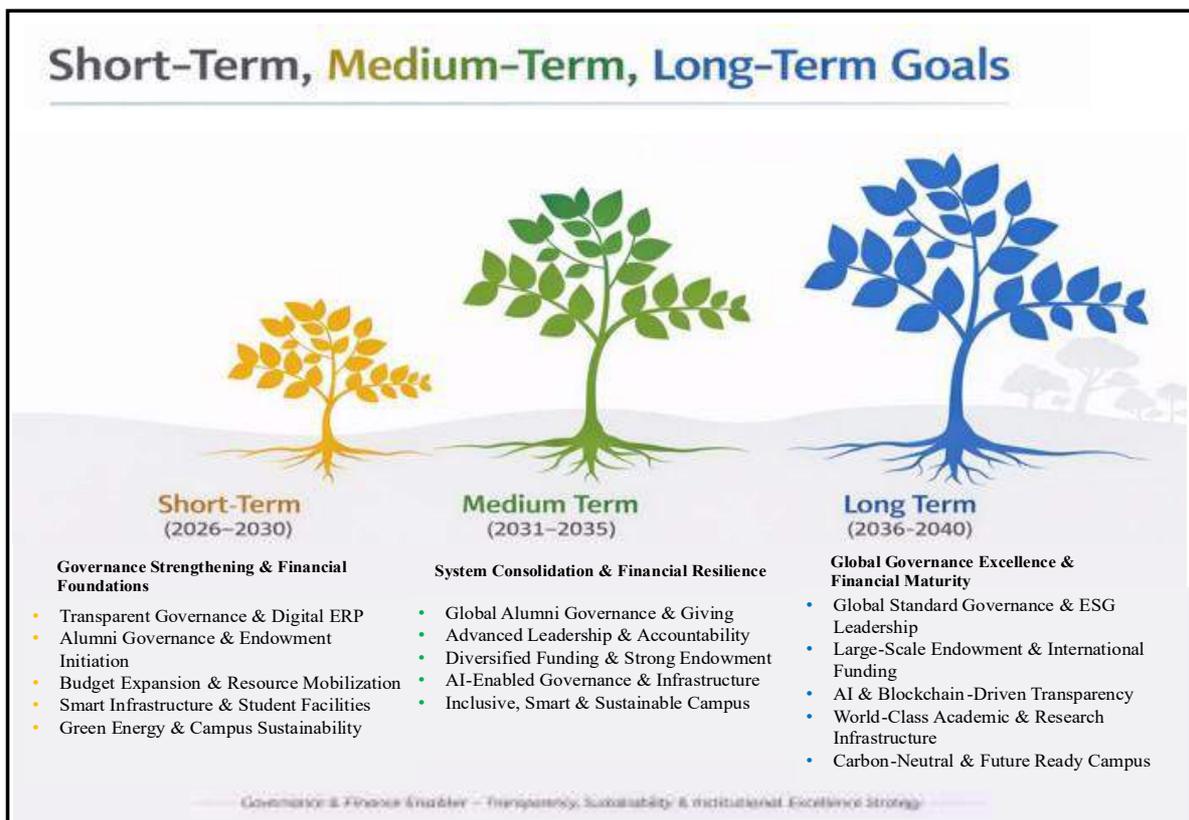
Enabler 7: Industry Collaboration and Alumni Engagement (2026–2040) — Summary Roadmap

Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
Industry Partnerships & MoUs	Expand active MoUs with OEMs, MSMEs, IT parks, and corporate partners	Scale partnerships with leading industries and sectoral clusters	Establish deep, outcome-driven global industry partnerships
Industry-Aligned Curriculum & Credit Courses	Introduce credit courses taught by industry experts; strengthen industry-aligned curriculum	Expand number of industry-led credit courses and curriculum co-design	Institutionalize industry-driven curriculum design across programs
Industry-Sponsored Laboratories	Establish additional industry-collaborated laboratories	Expand industry-sponsored labs in emerging and strategic domains	Develop advanced industry-academia research and innovation labs
Internships & Experiential Learning	Strengthen semester-long internships, in-plant training, and industry projects	Expand large-scale internships and applied learning opportunities	Achieve universal experiential learning with global industry exposure

Industry Projects & Translational Research	Promote MSME and industry problems as minor and major student projects	Scale joint R&D, consultancy, and translational research projects	Institutionalize large-scale translational research and technology deployment
Faculty Industry Immersion	Initiate faculty industry internships and sabbaticals	Expand structured faculty immersion and joint supervision models	Sustain faculty leadership in industry–academia collaborative research
Professor of Practice & Adjunct Faculty	Appoint Professors of Practice and adjunct faculty from industry	Expand PoP and adjunct faculty engagement across departments	Institutionalize long-term industry faculty participation in academics
Industry-Linked Events & Platforms	Conduct industry-collaborated SDG events, workshops, and expert talks	Expand industry-led conferences, hackathons, and innovation challenges	Establish flagship industry–academia platforms and annual conclaves
Alumni Engagement & Networking	Strengthen alumni mentoring, career guidance, and engagement activities	Expand alumni chapters, mentorship networks, and academic support	Develop a global alumni-driven innovation and mentoring ecosystem
Alumni Contribution & Institutional Support	Encourage alumni participation in academics, placements, and outreach	Strengthen alumni contributions to research, innovation, and internships	Institutionalize alumni support for academics, research, and development

ENABLER 8: GOVERNANCE AND FINANCE 2026-2040

The Governance roadmap (2026–2040) outlines Vel Tech’s strategic vision to build a transparent, globally benchmarked, and future-ready governance ecosystem through strengthened alumni engagement, enhanced financial sustainability, and comprehensive digital transformation. The plan focuses on establishing active global alumni chapters, structured mentorship networks, and growing alumni contributions while adopting advanced governance practices such as AI-driven decision-making and blockchain-based systems. It envisions significant expansion of academic infrastructure—including smart classrooms, advanced laboratories, research parks, and world-class student facilities—alongside major improvements in sustainability, healthcare, mobility, and community spaces. With strong emphasis on leadership development, diversity, accountability, and global partnerships, Vel Tech aims to evolve into a governance model recognized internationally for excellence, inclusiveness, and innovation by 2040.



Short-Term Goals (2026–2030)

During the short-term period, Vel Tech will focus on strengthening governance structures, financial sustainability, and institutional transparency. Alumni engagement mechanisms will be formalized through the establishment of a fully functional Alumni Advisory Board, expansion of regional and global alumni chapters, and the introduction of structured alumni mentorship programs. Digital alumni platforms will be developed

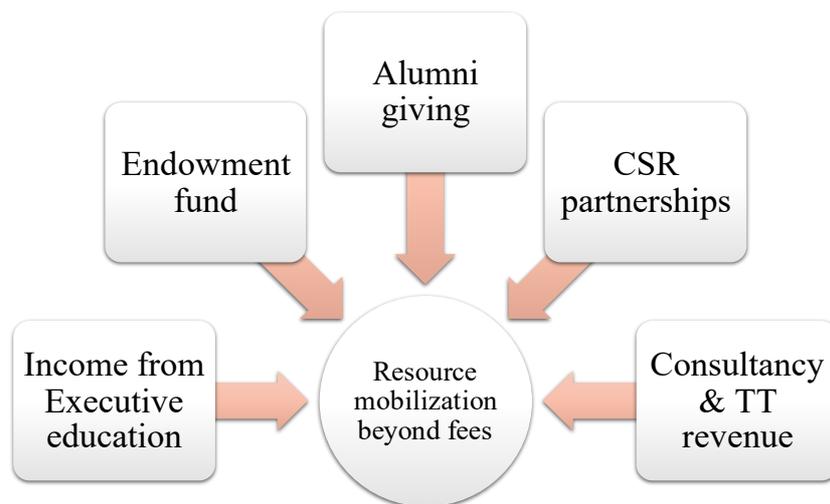
to support networking, continuing education, and career transition services, supported by regular business networking events. Strategic governance will be guided by the launch of the Vision 2035 roadmap, accompanied by annual financial audits and the introduction of transparent digital dashboards for stakeholders. Financial management will be strengthened through an expanded annual budget, establishment of an endowment fund, and diversified resource mobilization through corporate CSR and alumni contributions. Governance processes will move toward full digitalization through ERP-based academic and financial systems. Inclusivity will be promoted by increasing women's participation in key governance bodies. Academic and research infrastructure will be enhanced through fully smart-enabled classrooms, expansion of laboratories and research parks, and increased student housing capacity. Sustainability initiatives will include expanded renewable energy generation, green-certified buildings, and improved water reuse systems. Student wellness, transport, and community spaces will be strengthened through upgraded medical facilities, counseling services, electric mobility initiatives, and expanded auditoria and innovation hubs.

Medium-Term Goals (2031–2035)

In the medium term, Vel Tech aims to consolidate its governance and financial systems by adopting advanced leadership development practices and strengthening accountability and stakeholder engagement. Alumni governance will gain global representation, with expanded alumni chapters, a larger mentorship network, increased alumni contributions, and enhanced lifelong alumni services through global digital platforms. Governance processes will mature through mid-term reviews, structured leadership development for academic administrators, and the introduction of stakeholder satisfaction surveys. Financial sustainability will be reinforced through a significantly enhanced annual budget, a strengthened endowment fund, and diversified funding from philanthropic foundations and external partners. Digital governance will advance through AI-driven decision-support systems, while inclusivity will be deepened by broader representation of women, persons with disabilities, and socially and economically disadvantaged groups in governance bodies. Academic infrastructure will expand with AI-enabled adaptive classrooms, advanced laboratories in emerging domains, expanded research parks, and smart student housing. Digital infrastructure will be enhanced through integrated LMS platforms and AI-powered ERP systems. Sustainability infrastructure will progress toward a renewable energy mix, water-positive operations, and expanded green buildings. Healthcare and wellness services will evolve into a professional wellness center, while campus mobility will increasingly shift to electric transport. Social and innovation spaces will expand through additional convention centers and student innovation hubs.

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech aspires to emerge as a benchmark institution in governance excellence, financial robustness, and inclusive leadership with strong global alignment. Alumni governance will mature into a recognized global alumni council with extensive international chapters, a large mentorship network, and sustained annual contributions forming a key pillar of institutional development. Leadership succession planning will be fully institutionalized, supported by global-standard ESG and governance reporting. Financial management will reach advanced maturity through a substantially expanded annual budget, a strong global endowment fund, and international funding partnerships. Governance innovation will leverage AI-driven and blockchain-enabled systems to ensure transparency, efficiency, and trust. Inclusivity will be embedded into governance culture through diverse and representative leadership structures. Academic, research, and student infrastructure will achieve global standards with fully digital and adaptive classrooms, world-class laboratories, large-scale global research hubs, international hostels, and global sports and wellness complexes. Digital infrastructure will become globally interoperable, supporting teaching, learning, and governance at scale. Sustainability initiatives will culminate in a carbon-neutral, zero-waste, and water-positive campus. Healthcare services will evolve into a multi-specialty hospital with advanced wellness monitoring, while campus mobility will become fully carbon neutral. Community, innovation, and social spaces will reach global benchmarks through world-class convention centers and extensive student innovation ecosystems, positioning Vel Tech as a globally respected, future-ready university.



Enabler 8: Governance and Finance (2026–2040) — Summary Roadmap

Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
Governance Structure & Leadership	Strengthen statutory bodies (BoS, Academic Council, Executive Council) with clear roles and accountability	Enhance participatory governance with data-driven decision-making	Achieve globally benchmarked governance practices with institutional autonomy and accountability
Policy Frameworks & Compliance	Review and align academic, research, HR, and financial policies with NEP 2020 and UGC guidelines	Periodic policy updates based on national reforms and best practices	Sustain agile, future-ready policy frameworks aligned with global standards
Digital Governance & ERP Systems	Strengthen ERP, MIS, and digital workflows for academic and administrative processes	Integrate advanced analytics and decision-support systems	Achieve fully integrated, AI-enabled digital governance ecosystem
Financial Sustainability & Resource Planning	Strengthen budgeting, internal audits, and financial controls	Diversify revenue streams beyond tuition fees	Achieve long-term financial sustainability with balanced and diversified income sources
Revenue Diversification	Enhance income through consultancy, executive programs, and training	Expand non-tuition revenue through research commercialization and partnerships	Establish strong non-tuition revenue base supporting institutional growth
Budget Allocation & Monitoring	Allocate funds strategically for academics, research, infrastructure, and capacity building	Implement outcome-based budgeting and performance-linked allocation	Institutionalize transparent, outcome-driven financial governance
Internal Quality Assurance & Audits	Strengthen IQAC processes and internal quality audits	Integrate continuous quality improvement mechanisms	Achieve mature quality governance aligned with global accreditation frameworks
Risk Management & Transparency	Strengthen internal controls, audits, and compliance mechanisms	Introduce structured risk management and mitigation frameworks	Achieve resilient, transparent, and accountable institutional governance
Stakeholder Participation	Enhance involvement of faculty, students, alumni, and industry in governance processes	Institutionalize stakeholder feedback in planning and review	Sustain inclusive governance with strong stakeholder ownership

Strategic Planning & Review	Implement phased IDP roadmap with periodic reviews	Strengthen monitoring and mid-course corrections	Institutionalize long-term strategic foresight and adaptive planning
-----------------------------	--	--	--

Enabler 9: Infrastructure & Facilities 2026-2040

The Infrastructure & Facilities roadmap outlines Vel Tech’s strategic plan to develop a future-ready, sustainable, and digitally enabled campus by 2040 through significant upgrades in digital systems, sustainability infrastructure, healthcare, mobility, and community spaces. The plan focuses on scaling the LMS and ERP into AI-enabled, globally interoperable platforms while transitioning the campus to carbon-neutral operations through expanded renewable energy, green-certified buildings, and water-positive, zero-waste systems. It also envisions comprehensive healthcare and wellness facilities, including a multi-specialty hospital and advanced counseling services, alongside eco-friendly transport solutions. Enhanced auditoria, convention centers, and social spaces further support academic, cultural, and global engagements, positioning Vel Tech as a world-class institution with holistic infrastructure supporting excellence in education, research, and student life.



Short-Term Goals (2026–2030)

During the short-term period, Vel Tech will focus on strengthening its core infrastructure and facilities to support academic growth, sustainability, and student well-being. Digital infrastructure will be enhanced by scaling the Learning Management System from a capacity of **15,000 to 25,000 users**, alongside the

implementation of **full digital governance through ERP-based academic and administrative systems**. Sustainability infrastructure will see a significant expansion with solar energy capacity increasing from **500 kW to 2 MW**, supported by wind energy pilot projects. Green infrastructure initiatives will result in **three green-certified buildings**, while water and waste management systems will be upgraded to achieve **60% reuse and recycling** through enhanced rainwater harvesting and waste segregation practices. Healthcare facilities will be strengthened with the establishment of a **24×7 medical center supported by two ambulances**, and student wellness services will expand to include **10 or more counselors**. Campus mobility will be improved through the introduction of **20 electric buses**, supporting a shift toward sustainable transport. Community and social infrastructure will be expanded through the addition of **five auditoria and halls along with one convention center**, creating enhanced spaces for academic and cultural engagement.

Medium-Term Goals (2031–2035)

In the medium-term phase, Vel Tech aims to further advance infrastructure capacity and technological sophistication to meet growing academic and research demands. The LMS will be enhanced with **integrated AI and machine learning features**, enabling adaptive and personalized learning experiences. Sustainability initiatives will scale up with a **4 MW renewable energy mix**, moving the campus closer to energy self-sufficiency. Green building initiatives will expand to include **more than 10 green-certified buildings**, while water and waste management systems will progress toward a **90% water-positive campus**. Healthcare infrastructure will evolve with the establishment of a **50-bed campus hospital**, complemented by a **professional wellness center** offering structured physical and mental health services. Campus transport will transition toward a **full electric vehicle fleet supported by cycle tracks**, reducing the campus carbon footprint. Community infrastructure will be further strengthened with the development of **10 auditoria and halls and two convention centers**, enabling large-scale academic, cultural, and international events.

Long-Term Goals (2036–2040)

By the long-term phase, Vel Tech envisions achieving global standards in infrastructure, sustainability, and digital governance. Digital systems will mature into a **globally interoperable LMS**, supported by **blockchain-enabled governance and financial systems**. Sustainability infrastructure will culminate in a **6+ MW renewable energy capacity**, enabling a **fully carbon-neutral campus**. All campus buildings will

achieve **100% green certification**, while water and waste management systems will ensure a **100% zero-waste and water-positive campus**. Healthcare and wellness infrastructure will reach advanced levels with the establishment of a **100-bed multi-specialty hospital** and a **comprehensive wellness hub equipped with AI-based health monitoring systems**. Campus mobility will become a **fully carbon-neutral transport ecosystem**, integrating electric vehicles and non-motorized transport. Community and social spaces will evolve into a **world-class convention and exhibition center**, positioning the university as a preferred destination for global academic, industry, and cultural engagements.

Enabler 9: Infrastructure and Facilities (2026–2040) — Summary Roadmap

Dimension	Short-Term Goals (2026–2030)	Medium-Term Goals (2031–2035)	Long-Term Goals (2036–2040)
Academic Infrastructure	Upgrade classrooms, laboratories, and learning spaces to support NEP-aligned teaching	Expand academic blocks and specialized facilities for multidisciplinary programs	Sustain world-class academic infrastructure with global benchmarking
Research Infrastructure	Strengthen Research Park Phase-I labs and shared research facilities	Expand industry-sponsored labs and advanced research facilities	Develop global-scale Research Park with anchor industry and research tenants
Centres of Excellence (CoEs)	Strengthen existing CoEs with modern equipment and shared access	Expand CoEs in emerging and strategic domains	Establish internationally competitive CoEs with global partnerships
Digital Infrastructure & Smart Classrooms	Enhance LMS platforms and digital teaching tools	Expand smart classrooms and integrated digital learning systems	Achieve 40% smart classroom coverage with globally connected digital platforms
Library & Knowledge Resources	Strengthen digital libraries and research databases	Expand access to global knowledge repositories	Integrate institutional libraries with global academic networks
Student Housing & Campus Facilities	Upgrade hostels, dining, and recreational facilities	Expand student housing capacity and campus amenities	Provide comprehensive, globally benchmarked residential campus experience
Green & Sustainable Infrastructure	Strengthen green buildings and energy-efficient systems	Expand renewable energy, electric mobility, and sustainable utilities	Achieve fully green, smart, and sustainable campus infrastructure
Sports, Wellness & Recreation	Upgrade sports facilities and wellness centers	Expand indoor and outdoor sports and fitness infrastructure	Develop world-class sports and wellness ecosystem

Accessibility & Inclusivity	Improve campus accessibility and student support facilities	Strengthen inclusive infrastructure and assistive technologies	Achieve fully inclusive and universally accessible campus
Safety, Security & Resilience	Strengthen campus safety systems and emergency preparedness	Integrate advanced surveillance and smart security systems	Achieve resilient, technology-enabled campus safety and disaster readiness
Support Infrastructure	Upgrade power, water, transport, and ICT support systems	Expand utility capacity to meet growing institutional needs	Sustain robust, scalable support infrastructure for long-term growth

Review, Monitoring and Mid-course Correction Framework

The successful implementation of the Institutional Development Plan (IDP) requires a robust, transparent, and data-driven mechanism for continuous review, monitoring, and mid-course correction. Vel Tech has therefore instituted a structured Review, Monitoring and Mid-course Correction Framework to ensure that strategic objectives across all nine enablers are systematically tracked, evaluated, and refined throughout the IDP period (2026–2040).

This framework is designed to support outcome-based governance, enable evidence-driven decision-making, and ensure timely corrective actions in response to internal assessments and external developments.

1. Annual Performance Review through Key Performance Indicators (KPIs)

Each of the nine enablers defined in the IDP is supported by a clearly identified set of annual Key Performance Indicators (KPIs). These KPIs cover academic, research, innovation, global engagement, sustainability, governance, and infrastructure dimensions and are aligned with national benchmarks such as NEP 2020, NAAC, NIRF, QS, and THE frameworks.

Annual KPI reviews will be conducted at the institutional level with the following objectives:

- To measure year-on-year progress against short-, medium-, and long-term targets defined for each enabler
- To identify performance gaps, delays, or emerging risks at an early stage
- To assess alignment between planned initiatives, financial allocations, and achieved outcomes

The annual KPI review outcomes will be documented, presented to statutory bodies, and used as the primary input for institutional planning and resource allocation in subsequent years.

2. Digital Data Dashboards for Continuous Monitoring

To enable real-time visibility and transparency, Vel Tech will develop digital data dashboards integrating academic, research, financial, infrastructure, and outreach metrics across all nine enablers.

These dashboards will:

- Provide real-time and periodic data on key institutional indicators
- Enable leadership and functional heads to track progress at any point in time

- Support comparative analysis across years and enablers
- Facilitate evidence-based discussions during reviews and audits

The dashboard-based monitoring mechanism will ensure that IDP implementation moves beyond narrative reporting and is anchored in verifiable institutional data.

3. Mid-Term Strategic Reviews (2030 and 2035)

In addition to annual reviews, comprehensive mid-term evaluations will be undertaken at two critical milestones—2030 and 2035—corresponding to the completion of short-term and medium-term phases of the IDP.

These mid-term reviews will focus on:

- Assessment of cumulative progress against phase-specific targets
- Evaluation of the relevance and effectiveness of strategies adopted
- Identification of structural, policy, or investment-related constraints
- Re-prioritization of initiatives based on emerging national and global higher-education trends

The outcomes of the mid-term reviews will inform recalibration of targets, timelines, and strategies for the subsequent phase of the IDP.

4. Executive Council Oversight and Governance Review

The Executive Council (EC) will play a central role in institutional oversight of the IDP implementation. Periodic IDP progress reports, supported by KPI data and dashboard analytics, will be placed before the EC for review.

The Executive Council will:

- Review progress across all nine enablers at defined intervals
- Record strategic observations, directives, and recommendations
- Approve policy-level changes, resource reallocations, and corrective measures
- Ensure alignment between institutional vision, regulatory expectations, and operational execution

All EC deliberations related to IDP progress will be formally recorded and integrated into subsequent action plans.

5. Mid-course Corrections and Action Planning

Based on insights from annual KPI reviews, mid-term evaluations, and Executive Council feedback, mid-course corrections will be systematically undertaken to address identified gaps or emerging challenges.

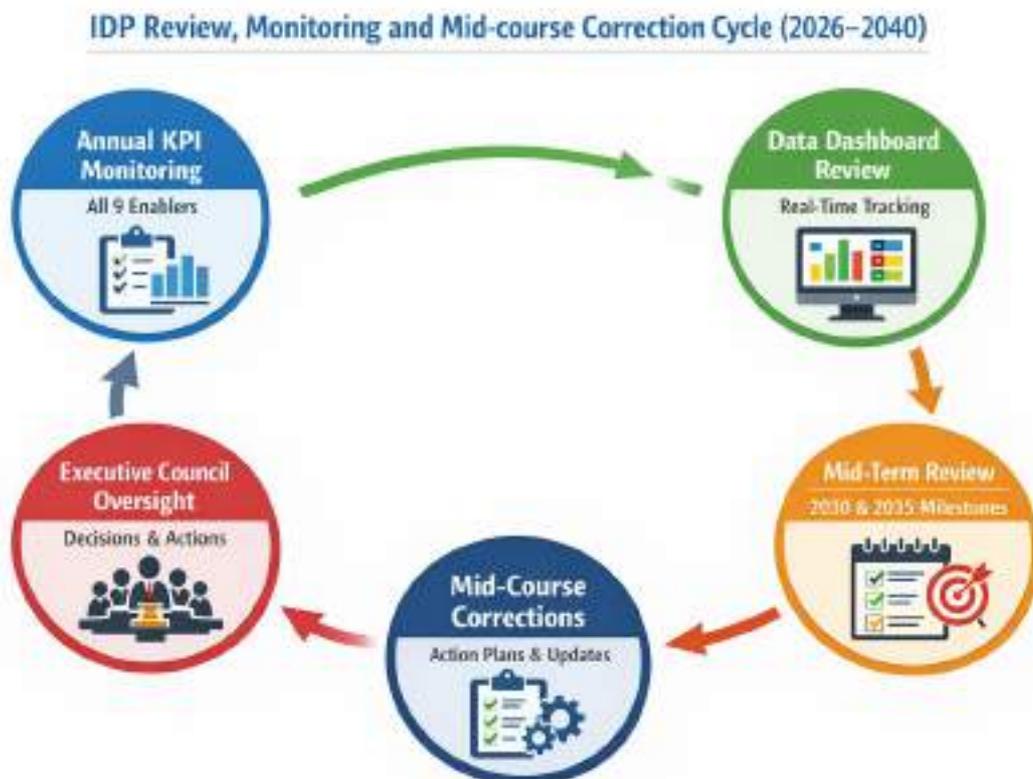
Mid-course corrections may include:

- Revision of targets, timelines, or implementation strategies
- Reallocation of financial and human resources
- Introduction of new policy instruments or governance mechanisms
- Strengthening of institutional capacity in priority areas

Corrective actions will be translated into time-bound action plans, assigned to responsible units, and tracked through the digital monitoring system to ensure effective closure.

6. Continuous Improvement and Institutional Learning

The Review, Monitoring and Mid-course Correction Framework is conceived not merely as a compliance mechanism but as a continuous improvement system. Lessons learned from each review cycle will be systematically documented and institutionalized to strengthen planning, execution, and governance practices over time.



This cyclical framework ensures that the IDP remains dynamic, responsive, and resilient, enabling Vel Tech to adapt proactively to evolving academic, technological, and societal contexts while remaining firmly aligned with its long-term strategic vision.

KPI for Monitoring & Review of IDP (2026–2040)

Enabler	KPI Category	Key Performance Indicators (KPIs)	Review Frequency	Monitoring Authority
Enabler 1: Academic Excellence	Academic Programs & Quality	Student strength; number of UG/PG/Integrated programs; NEP-aligned curriculum implementation; student–faculty ratio; accreditation status (NAAC/NBA/ABET)	Annual	Academic Council / IQAC
	Teaching– Learning Outcomes	Graduation rate; progression to higher education; student satisfaction index; learning outcome attainment (OBE)	Annual	Academic Council
	Rankings & Visibility	NIRF rankings (University/Engineering/Overall); QS/THE participation	Annual	IQAC
Enabler 2: Research Excellence	Research Funding	Number and value of funded research projects; external grants mobilized	Annual	Research Council
	Research Output & Impact	Publications (total, Q1/Q2); citations; h-index distribution; international co-authorship	Annual	Research Council
	Doctoral Programs	PhD enrollment; completion rate; average time-to-degree	Annual	Research Council
	IPR & Commercialization	Patents filed/granted; technology transfers; startup spin-offs	Annual	IPR Cell / TBI
Enabler 3: Capacity Development	Faculty Capacity	% PhD-qualified faculty; FDP participation; industry exposure; leadership training	Annual	HRD / IQAC
	Student Capacity	Participation in workshops, competitions, certifications, internships	Annual	Deans / HoDs
	Non-Teaching Staff	Training hours; ERP proficiency; role-specific skill development	Annual	Administration

Enabler 4: Global Visibility & Collaboration	Internationalization	Number of active international MoUs; inbound/outbound students and faculty	Annual	International Relations Office
	Global Research	International joint publications; global research projects	Annual	Research Council
	Global Branding	International conferences; global academic events; foreign student enrollment	Annual	DINT
Enabler 5: Innovation, Incubation & Entrepreneurship	Startup Ecosystem	Number of incubated startups; funded startups; survival rate	Annual	TBI / IIC
	Innovation Funding	Innovation grants mobilized; seed funding deployed	Annual	TBI
	IPR & Commercialization	Patents from startups; licensed technologies; revenue generated	Annual	IPR Cell / TBI
Enabler 6: SDGs & Extension Activities	Campus Sustainability	Renewable energy usage; waste recycling rate; water positivity indicators	Annual	Campus Affairs (DCA)
	Community Outreach	Villages adopted; beneficiaries covered; extension programs conducted	Annual	Campus Affairs (DCA)
	SDG Integration	SDG-linked projects; student participation; social impact indicators	Annual	IQAC
Enabler 7: Industry Collaboration & Alumni Engagement	Industry Engagement	Active industry MoUs; internships; industry-sponsored labs/projects	Annual	Industry Relations
	Faculty–Industry Linkage	Consultancy projects; faculty industry immersion	Annual	Deans / HoDs
	Alumni Engagement	Active alumni chapters; mentorship programs; alumni contribution	Annual	Alumni Cell
Enabler 8: Governance & Finance	Governance Effectiveness	Frequency of statutory meetings; policy reviews; compliance status	Annual	Executive Council

	Financial Sustainability	Revenue diversification ratio; non-tuition income; audit compliance	Annual	Finance Committee
	Digital Governance	ERP coverage; MIS dashboards; data-driven decisions	Annual	Administration
Enabler 9: Infrastructure & Facilities	Academic Infrastructure	Built-up area; smart classrooms; lab modernization	Annual	Administration
	Research Infrastructure	CoEs operational; research park utilization	Annual	Research Council
	Student & Campus Facilities	Hostel capacity; sports & wellness facilities; safety infrastructure	Annual	Administration



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

EXECUTIVE COUNCIL MEETING

Date: 27.12.2025

To discuss the activities of the Office of Industry Relations during the Academic Year (AY) 2025-26 and their proposed activities for the AY 2026-27.

Dr. P. Chandra Kumar
Dean - Research & Development, Industry and
Incubation

2 Agenda

- MoUs signed & renewed
- Credit Courses Offered
- Industrial Visits arranged
- Major Project / Internship at Industry
- Summer Internship
- Semester Long Internship
- ICA – Corporate Talk & Tour

- MoUs signed & renewed
- Credit Courses Offered
- Industrial Visits arranged
- Major Project / Internship at Industry
- Summer Internship
- Semester Long Internship
- ICA – Corporate Talk & Tour

15 MoUs Signed + 2 MoUs Renewed

S. No	Name of the Partner	Purpose
1	Codeship Private Limited	Internship, Industrial Visit, GL and Credit course
2	8Queens Software Technologies Private Limited	Internship, Industrial Visit, GL and Credit course
3	Vy Systems Private Limited	Internship, Program Elective, Industrial Visit, GL, recruitment and Credit course
4	Iyarkai Tech Lab Private Limited	Internship, co-incubation, Ideation, GL and Credit course
5	Edunet Foundation	Internship, Technical Training, Placement and Credit course
6	Nasscom /IT sector skill council	Technical Training, GL and Credit course
7	Ethical Intelligent Technologies LLP	Internship, Industrial Visit, GL and Credit course
8	Rex Cyber Solutions Private Limited	Internship, Hackathon and Credit course
9	RASA.AI Labs	Internship, Technical Training, Industrial Visit, GL and Credit course
10	Digit IT	Internship and Credit course
11	Prompt Infotech	Internship, FDP, Students Club and Credit course
12	Soundweld Technologies Pvt.Ltd.	Internship, Technical Training, Industrial Visit, GL and Credit course

S. No	Name of the Partner	Purpose
13	Crystal Delta Pvt Ltd	Technical Training, Consultancy
14	LEDchip Indus Pvt Ltd	Internship, Technical Training, Industrial Visit, GL and Credit course
15	MYGEN Informatics Pvt Ltd	Internship, Technical Training, Industrial Visit, GL and Credit course
16	CREDAI	Internship, Technical Training, Industrial Visit, GL and Credit course
17	PI Square Technologies India Pvt Ltd (QNX)	Internship, Technical Training, Industrial Visit, GL and Credit course

MoUs Signed



Crystal Delta Pvt Ltd



Codeship Pvt Ltd



Thirumullaivoyal Women's
Sidco Industrial Manufacturers
Association (TWSIMA)

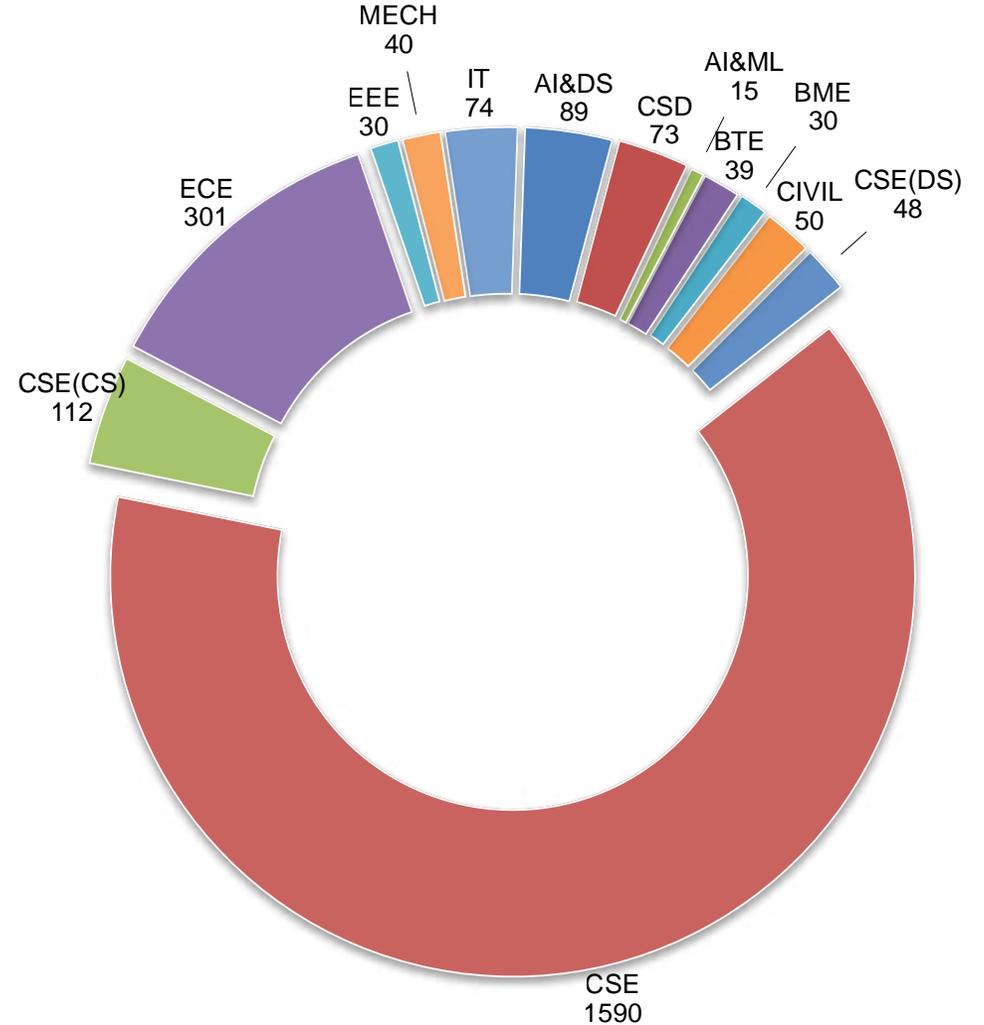


TRANE Technology
India Pvt Ltd



Credit Courses Offered in AY 2025-26 SS

S. No.	Dept.	No. of Courses	Credit Earned
1	AI&DS	2	89
2	CSD	1	73
3	BTE	1	39
4	AERO	1	30
5	CIVIL	1	50
6	AI&ML	2	75
7	CSE(DS)	1	48
8	CSE	18	1790
9	CSE(CS)	1	112
10	ECE	3	401
11	EEE	2	30
12	MECH	1	40
13	IT	1	74
	Total	35	2104



Industry Visit

S.No	Dept	Name of The Industry	Location		Number of Students Visit
1	CSE	CDAC	Chennai	30.08.2024	60
2	CSE	CSIR-SERC	Chennai	26.09.2024	120
3	CSE	CSIR-CSIO	Chennai	26.09.2024	120
4	CSE	IIT MADRAS RESEARCH PARK,	Chennai	03.01.2025	480
5	CSE	CVRDE	Avadi	22.01.2025	60
6	CSE (DS)	Centre for Development of Advanced Computing, D-BLOCK TIDEL Park,	Tharamani	31.01.2025	60
7	CSE	NIWE	Velachery	26.02.2025	60
8	CSE	IIITDM	Kancheepuram	25.03.2025	60
9	CSE	Meterological Observatory, Natinal Airports Authority	Meenambakkam	27.03.2025	60
10	CSE	IIT Madras Research Park & Incubation Cell	Chennai	04.04.2025	60
11	CSE	Thirumulaivoilly Women SIDCO Biodiversity Eco Prak	Chennai	01.04.2025	60
12	CSE	Centre for Development of Advanced Computing, IITM	Chennai	04.04.2025	60
13	CSE	Regional Metrological Centre	Nungambakkam	11.04.2025	60
14	IT	Centre for Development of Advanced Computing, IITM	Chennai	24.04.2025	60
15	CSE	National Institute of Ocean Technology (NIOT),	Pallikaranai	25.04.2025	60



Industry Visit

S.No	Dept	Name of The Industry	Location	Visit Date	Number of Students Visit
16	ECE	Southern Railway	Chennai, Tamil Nadu	20.08.2024	41
17	EEE	Southern Railway	Chennai, Tamil Nadu	20.08.2024	75
18	MECH	Danfoss Industrial Pvt X 2 Batch	Chennai, Tamil Nadu	02.08.2024 03.08.2024	57
19	CIVIL	VRMX Concrete India Pvt Ltd	Chennai, Tamil Nadu	03.09.2024	74
20	BTE	Synkromax Bitech Pvt.Ltd	Chennai, Tamil Nadu	01.10.2024	60
21	BTE	Hatsun Agro Products Ltd, Redhills	Chennai, Tamil Nadu	21.10.2024 22.10.2024	63
22	ECE	CSIR Chennai Centre	Chennai, Tamil Nadu	26.09.2024	55
23	ECE	Retech Solutions Pvt Ltd, Tambaram	Chennai, Tamil Nadu	30.09.2024	55
24	CIVIL	CPWD	Chennai, Tamil Nadu	25.10.2024	60
25	ECE	Ladera Technology, Guindy, Chennai	Chennai, Tamil Nadu	11.01.2025	50
26	EEE	Dellner India Pvt Ltd	Chennai, Tamil Nadu	18.03.2025	51
27	MECH	Dellner India Pvt Ltd	Chennai, Tamil Nadu	19.03.2025	50
28	EEE	NORTH CHENNAI THERMAL POWERSTATION	Chennai, Tamil Nadu	28.03.2025	53
29	ECE	Satish Dhawan Space Centre (SDSC)- SHAR ISRO, Sriharikota,	Andhra Pradesh	25.04.2025	50

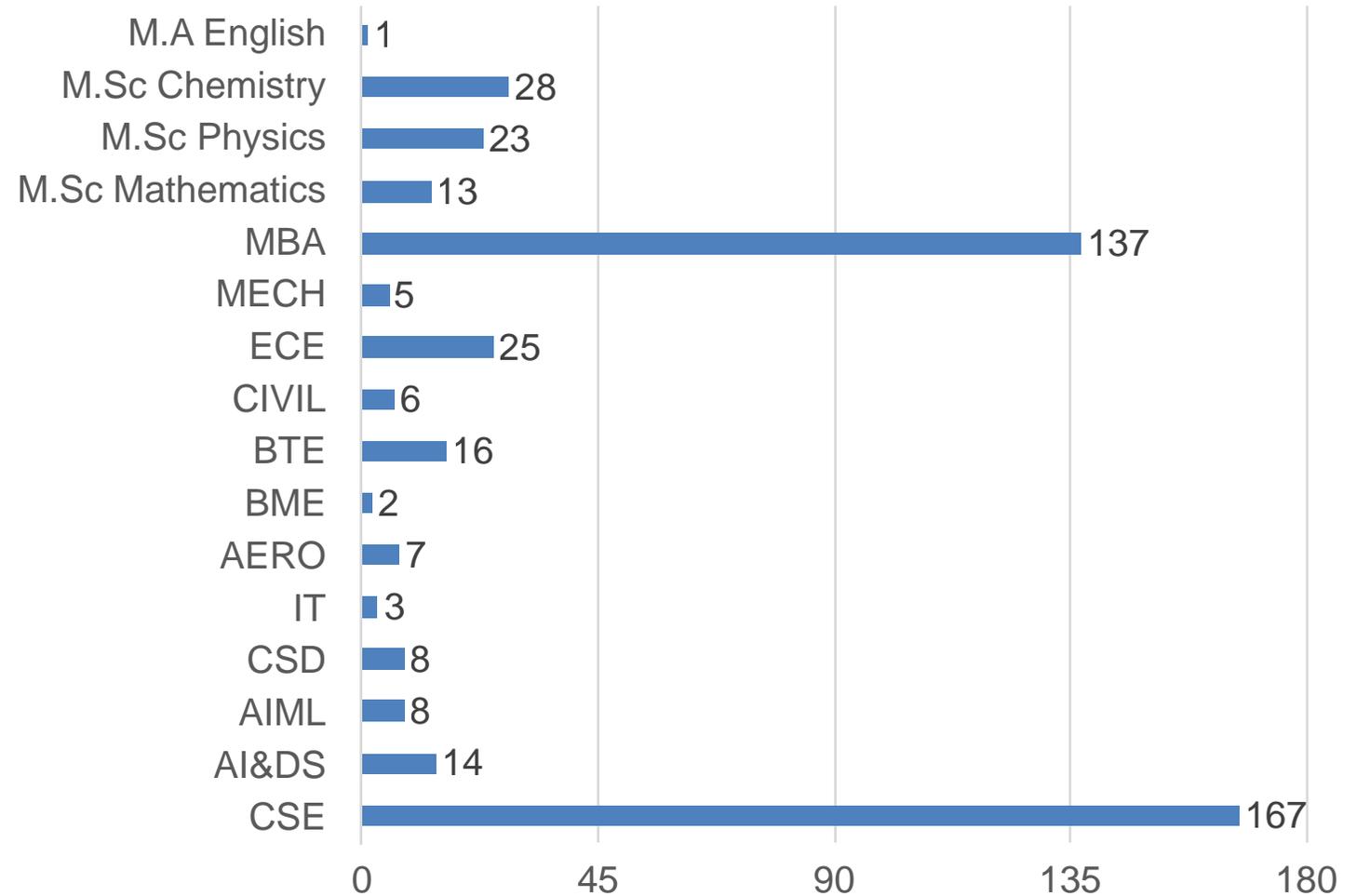


Major Project at Industry 2024-25

S. No.	Dept.	Students Allotted
1	CSE	167
2	AI&DS	14
3	AIML	8
4	CSD	8
5	IT	3
6	AERO	7
7	BME	2
8	BTE	16
9	CIVIL	6
10	ECE	25
11	MECH	5
12	MBA	137
13	M.Sc Mathematics	13
14	M.Sc Physics	23
15	M.Sc Chemistry	28
16	M.A English	1

12/20/2023

Major Project at Industry



463 students completed their project work in 153 industries

Placement through Project at Industry



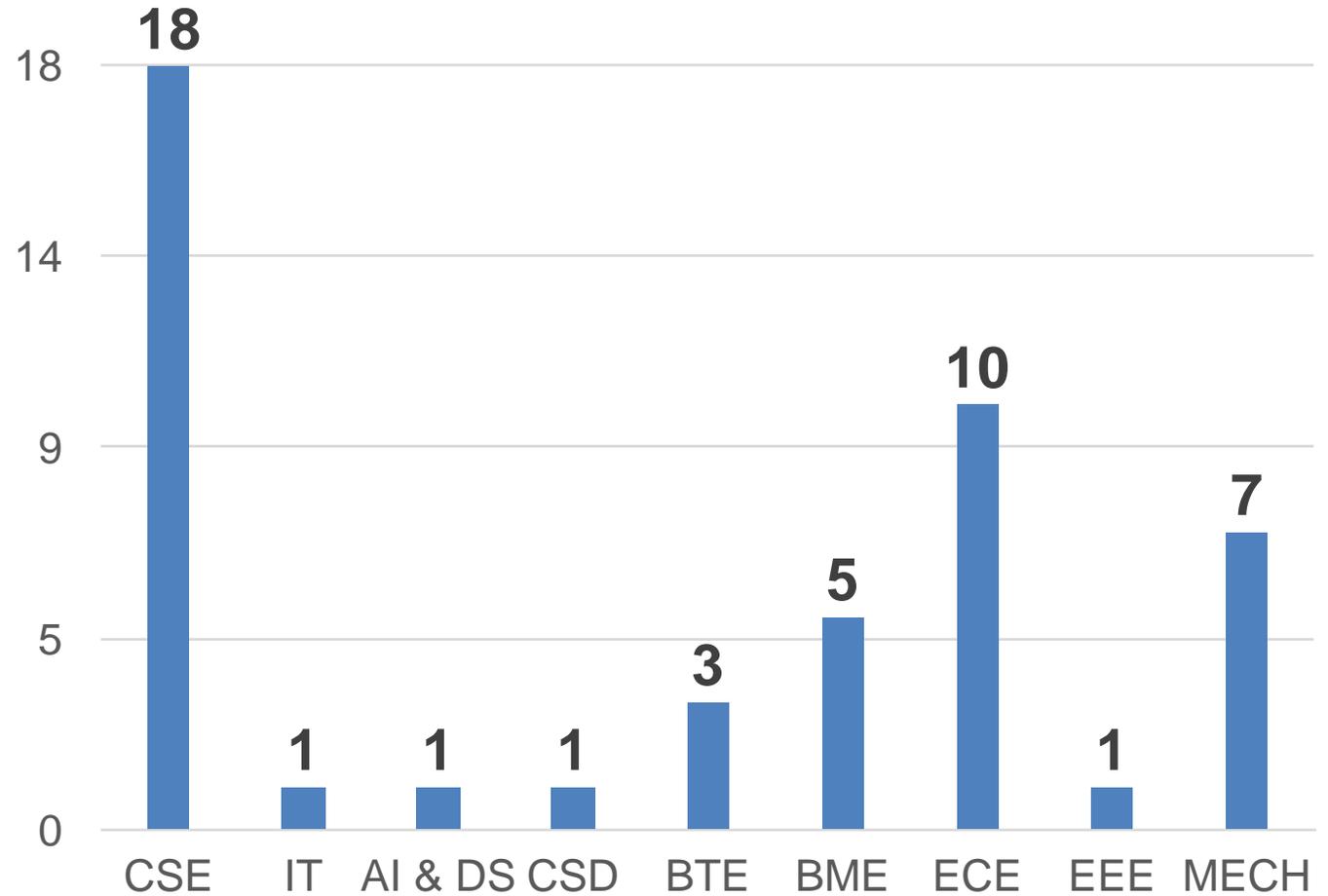
3 students were placed through internship from 2021-25 Batch

Major Project at Industry 2025-26

S. No.	Dept.	Students Allotted
1	CSE	18
2	IT	1
3	AI & DS	1
4	CSD	1
5	BTE	3
6	BME	5
7	ECE	10
8	EEE	1
9	MECH	7

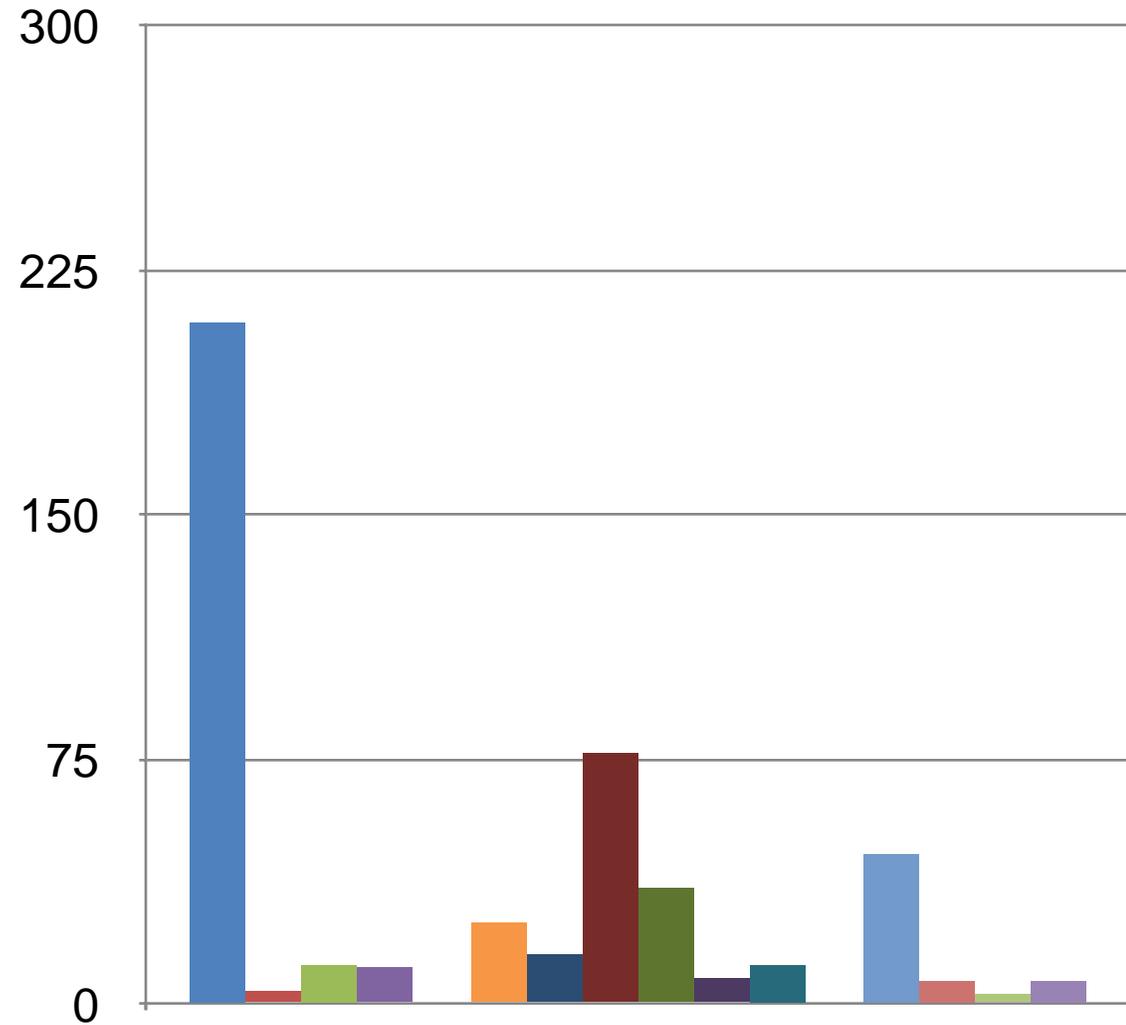
16 students went for 9 month and
34 students for 6 month internship

Students Allotted



Summer Internship June, 2025

S. No.	Dept.	Students Allotted
1	ECE	209
2	EEE	4
3	AERO	12
4	MECH	11
5	CIVIL	0
6	BTE	25
7	BME	15
8	CSE	78
9	AI&DS	36
10	AI&ML	8
11	CSD	12
12	CSE(AIML)	46
13	CSE(CS)	7
14	CSE(DS)	3
15	IT	7
	Total	473



Semester Long Internship (5th Semester)

551 Students were pursuing internship at 113 industries. Students will be provided with 10 credits under IHL (2), Minor Project(4) and Open Elective (4) on Successful Completion & Evaluation

VTU School	Departments	Female	Male	Grand Total
SoEC	BIOMEDICAL ENGINEERING	4	0	4
	BIOTECHNOLOGY ENGINEERING	4	0	4
	ELECTRICAL AND ELECTRONICS ENGINEERING	2	18	20
	ELECTRONICS AND COMMUNICATION ENGINEERING	31	99	130
SoMC	AERONAUTICAL ENGINEERING	1	0	1
	CIVIL ENGINEERING	1	1	2
	MECHANICAL ENGINEERING	1	37	38
SOC	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	4	18	22
	ARTIFICIAL INTELLIGENCE(AI) AND DATA SCIENCE	15	28	43
	INFORMATION TECHNOLOGY	9	15	24
	COMPUTER SCIENCE AND DESIGN	4	5	9
	COMPUTER SCIENCE AND ENGINEERING	61	136	197
	COMPUTER SCIENCE AND ENGINEERING (AIML)	4	8	12
	COMPUTER SCIENCE AND ENGINEERING (CYBERSECURITY)	5	26	31
COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	12	2	14	
Grand Total		158	393	551

ICA 2025 Corporate Talk & Tour



OFFICE OF
INDUSTRY
RELATIONS



Corporate talk and Corporate Tour arranged for Freshman Engineers

HEARTY WELCOME TO THE INDUSTRY EXPERTS



- List of Corporate Tour Arranged
- Indian Institute of Information Technology, Design and Manufacturing.
 - Regional Petrochemical Centre.
 - ISRO, Rajiv Gandhi Memorial Telecom Training Centre.
 - KITE Industries Pvt. Ltd.
 - Filpact Warehouse.
 - National Institute of Wind Energy.
 - Everlife India Pvt Ltd (Nabot) Plant.
 - Tata Steel Smart and Advanced Manufacturing Centre.
 - Tata Steel.
 - Southern Railway.
 - Perambur Carriage Works.
 - National Institute of Ocean Technology.
 - Centre for Development of Advanced Computing (C-DAC).
 - Strategic Science Group, Dassault Avionics suspension system Pvt Ltd.
 - HL World Assand India Pvt. Ltd.
 - Airforce Station.
 - Heavy Vehicles Factory.
 - Armoured Vehicles Nigam Limited.
 - Engine Factory.



16 Motivational Talks and 18 Corporate Tour were arranged as part of ICA Event



Internal Hackathon



This year 186 student teams with 1116 students competed in the internal hackathon on 74 problem statements and 43 teams were shortlisted along with 5 waiting teams. From the 186 teams, 684 were male participants and 432 were female participants.

One team named “TESSERACT” was selected for Grand Finale under the Problem Statement “Development of Sensor for Detection Of Microplastics” and has won the FIRST prize in the Grand Finale



VISAI 2026 – 16th International Project Competition and Exhibition

Recap of VISAI 2025



- 520 students from 57 Technical Institutions from across the country
- 183 Projects were displayed under 8 themes of Sustainable Development Goals
- 15 experts from Industries and Research establishments as Jury members
- 18 Problem Statements were given by 4 Industries for Hackathon

Faculty Development Programs

Vel Tech
Rangarajan Dr. Sagunthala
H.B.D. Institute of Science and Technology
Thiruvananthapuram

NAAC
A++

UGC
CATEGORY-1
ADVISED TO BE UNIVERSE

edunet
foundation

School of Computing
Department of Computer Science and Engineering
and
Office of Industry Relations
Organizes

Resource Person:

Mr. Norendra Eluri,
Master Trainer, Edunet Foundation

18th - 23rd
Aug 2025

09:30 AM - 04:00 PM

AI Lab, Room No: 29204,
2nd Floor Research Park

With the Blessings of

Col. Prof. Vel Dr. R. Rangarajan
Founder President & Chancellor

Dr. Sagunthala Rangarajan
Foundress President

Prof. Dr. Rajat Gupta
Vice Chancellor

Six Day IBM's Skills Build Faculty Development Program (FDP) in transformative technologies using IBM's platforms

6 Days IBM's SkillsBuild FDP on Transformative Technology
54 Faculty (CSE & ECE) Participated
18th – 23rd August 2025

Vel Tech
Rangarajan Dr. Sagunthala
H.B.D. Institute of Science and Technology
Thiruvananthapuram

NAAC
A++

UGC
CATEGORY-1
ADVISED TO BE UNIVERSE

Innovative Projects by
Vel Tech University Students
at Chennai Trade Centre from 19th to 23rd June @
ACMEE 2025

#PassionateDoers

www.veltech.edu.in

No.42, Avadi - Vel Tech Road, Vel Nagar, Avadi, Chennai - 800 082 | 1800 212 7689

Industry Offered Course: QNX & Pi-Square

Course Name	Real-Time Operating System using QNX
Course Category	Program Elective
Pre-Requisite Course	Microprocessor/Microcontroller
Progressive Course	Advanced Embedded Systems
Duration	Lecture (3) Practical (1) Tutorial (0)
Credits	3 credits
Implementation	Floated for AY 2025-26 WS

Learning Assessment

■ Continuous Learning Assessments (50%):

CLA-1 (10%), CLA-2 (5%), CLA-3 (5%), Mid-Semester Exam (15%), Practical (15%).

■ End Semester Exam (50%):

Theory (35%), Practical (15%).

Course Outcome

At the end of the course, students will be able to:

- Describe the QNX OS architecture and its microkernel-based design.
- Develop and debug QNX-based applications using appropriate tools.
- Apply process/thread management and synchronization techniques in QNX.
- Implement inter-process communication methods for real-time systems.
- Configure and build QNX boot/OS images for specific hardware platforms.
- Develop strong knowledge on the POSIX standards that help in

Industry Partner: NASSCOM FutureSkills Prime

Objective: Providing skilling, reskilling and upskilling opportunities in emerging and cutting-edge technologies such as artificial intelligence, machine learning, data analytics, cloud computing, Internet of Things (IoT), blockchain, additive manufacturing, robotic process automation, AR/VR, social and mobile cyber security and more.

- There are a huge list of courses floated at Nasscom Portal and many of them are offered at free of cost to students
- Each department needs to identify suitable courses aligning with the curriculum and motivate the students to complete it under Independent learning category.
- Few courses can be mapped with the existing courses under program core or program elective and credits can be transferred against the certification

Develop your Skills and Rise to New Opportunities

Our interdisciplinary courses combine technical expertise, IT skills, and digital technology knowledge to help you pioneer transformation. Choose from **Foundation, Bridge, and Deep Skilling** courses to upgrade your proficiency level. Our partnerships with global organizations and subject-matter experts in **Business Process Management, Product Management, and Digital Engineering** ensure you receive high-quality content.

Bridging the Industry Skill Gap

Nasscom endeavors to bridge the skill gap by aligning industry relevant learning content with the **National Occupational Standards (NOS)** and **National Skill Qualifications Framework (NSQF)**. Learners can gain relevant tech skills that are recognized by prospective employers in the industry to rise in their careers, by acquiring **nasscom certifications** that align with NOS & NSQF.

Progress with learning content and assessments aligned to industry standards, with the only standard setting body for tech skills in India.



Empowering Career Growth with In-Demand Skills

Nasscom certifications offer learners highly valued **technology and professional skills** that empower them to become job-ready and enhance their career prospects.



IFQM – Indian Foundation for Quality Management

- A Section 8, Not-for-Profit, Industry led movement with a Nation FIRST approach to Catalyze Indian Industries to be Globally Competitive and Export capable through Quality, Innovation & Excellence
- IFQM was founded by leading Indian companies including Tata Sons, Sun Pharma, Biocon, Tata Steel, TVS Motor Company, Tata Electronics, Boeing India & South Asia, Larsen & Toubro, and Motherson Group
- Through IFQM we attended MSME Cluster meeting and got consultancy project on complete automation of one line in the shop floor using IoT and Digital Solutions at El Forge Limited, Oragadam.
- We have formed a student driven Quality Club nurtured by IFQM to create a quality mindset among our students through Quality based courses, hackathons and internships

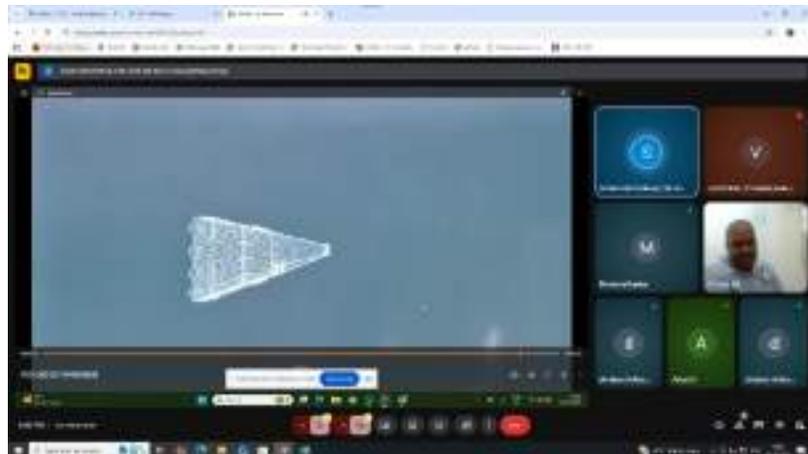


INITIAL MEMBERS OF QUALITY CLUB



Ideation

- This year 16 Projects were guided by Dr. Arvind, DGM – Project Planning, Ashok Leyland to CSE, CSE (AIML), CSD and IT students. 3 projects are ready for patent filing
- 4 Projects were guided by Dr. Arvind to ECE and 3 projects were filed for patent and 1 patent was granted
- 10 Projects were guided by Mr. Anilkumar Sandrapuri, Director – IT Infrastructure, Kyndryl and are in the process of Publishing
- Digitalization team from Ashok Leyland has provided Problem Statements in which 7 has been allotted to the faculty along with students. 1 idea was filed for patent and others
- 22 teams have participated in L&T Techgium and 4 teams got shortlisted for round 2 (proof of concept round) scheduled in February 2026.



Strategic Plan for Academic Year 2026–27

Fostering innovation and enriching learning
through robust industry partnerships

22 Strategic Plan for AY 2025–26

Sign **35** new
MoUs

Ensure more
than **50 MoUs**
remain actively
functional

Engage **35+**
Professors of
Practice (**PoP**).

Facilitate
Semester long
internships (6th
sem) for **60**
students.

Place **300+**
students for
major projects in
industry

Arrange **summer**
internships for
600+ students

VISAI Project
Competition with
SDG Theme

Mentor **100**
ideation projects
under PoP

Organize **3**
hackathons in
collaboration
with industry

23 Strategic Plan for AY 2025–26

Deliver **80 credit courses** with industry linkage

Involve Industry experts to deliver a portion of curriculum

Deliver **5 Executive Development Programs** for industry professionals.

Conduct **3 Faculty Development Programs (FDP)**

Each department **10% faculty** to be given 5 days training at Industry

Design **B.Tech** programs for **working professionals**

Engage Industry experts in academic audits, BoS and Industry Advisory Boards

Host an **Industry Conclave** to showcase collaborations and outcomes

Achieve **industry consultancy projects worth ₹100 lakhs**

Thank You

Executive Development Program

15 Employees from Ashok Leyland Limited, Plant Engineering Division attended the Executive Development Program on application of AI Techniques in the Maintenance Division. This training was conducted by our Faculty Dr. Gokul Dev and Dr. Madan, Soc.

Outcome: They invited our faculty to conduct extensive workshop on AI Implementation at their plant. They floated 10 problem statements to our faculty which can be taken as consultancy project.



S. No	Problem Statement
1.	Real time monitoring of Safety system for fall prevention through AI Technology
2.	Portable AI driven human detection system under suspended load
3.	Digitalization of Emergency evacuation through AI Technology
4.	Digitization of pollution monitoring control with display
5.	Real time monitoring of effluent (STP & ETP) system
6.	AI Camera based forklift reverse alert & breaking system to detect human
7.	PPE's monitoring through AI based video analytics in manufacturing shops
8.	Digitalization for Battery Fork Lift utilization monitoring (Location and usage)
9.	VR Module for critical assembly & machining process
10.	Digitalized Vehicle tracking inside the factory

66th Meeting of the Executive Council (EC)

Office of the Quality Assurance

Dr. M. Rajeev Kumar, Prof. (CSE) & Dean (Quality Assurance)

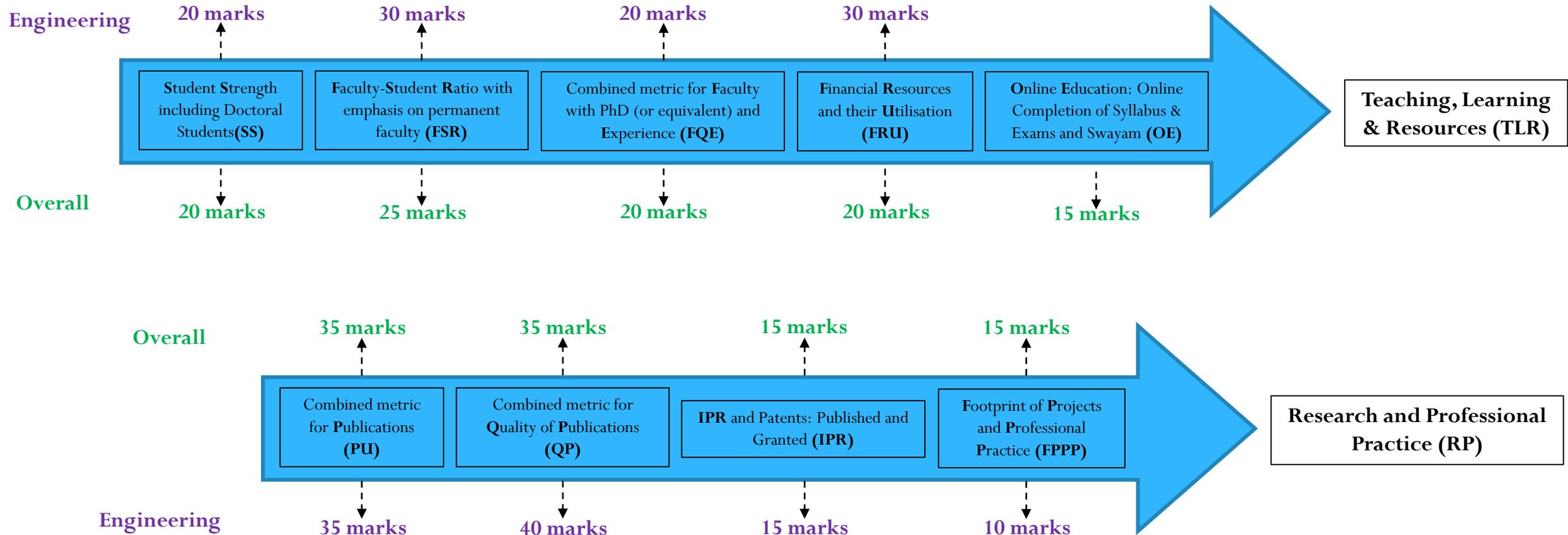


Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



66.13 To discuss and record the detailed analysis of Institution NIRF Ranking 2025 and the way forward for improvement.



Engineering

40 marks

15 marks

25 marks

20 marks

Combined metric for Placement and Higher Studies (GPH)

Metric for University Examinations (GUE)

Median Salary (GMS)

Metric for Number of Ph.D. Students Graduated (GPHD)

Graduation Outcomes (GO)

Overall

60 marks

40 marks

Overall

30 marks

30 marks

20 marks

20 marks

Percentage of Students from other States/Countries (Region Diversity RD)

Percentage of Women (Women Diversity WD)

Economically and Socially Challenged Students (ESCS)

Facilities for Physically Challenged Students (PCS)

Outreach and Inclusivity (OI)

Engineering

30 marks

30 marks

20 marks

20 marks

Engineering

100 marks

Peer Perception: Academic Peers and Employers (PR)

Perception (PR)

Overall

100 marks

Student Strength including Doctoral Students (SS) & Faculty-student ratio with emphasis on permanent faculty (FSR)	2025		2026	
	UG	PG	UG	PG
Sanctioned Intake	9,168	432	9,498	390
No. of students enrolled	9,462	217	10,708	241
Enrollment %	103.21	50.23	112.74	61.79
Enrollment % (UG+PG)	100.82		110.73	
No. of students enrolled for the doctoral program	586		683	
Marks (SS)	15.50		15.00	
Sanctioned Intake + No. of doctoral students	10,186		10,571	
Full time regular faculty	643		643	
FSR	1:15.84		1:16.44	
Marks (FSR)	28.22		27.37	

Combined metric for Faculty with PhD (or equivalent) and Experience (FQE)	2025	2026
Total No. of Faculty with Ph.D.	461	537
Total No. of Faculty required to satisfy 1:15 FSR	679	705
Faculty with Ph.D. %	67.89	76.93
Marks (FQE)	16.39	16.78

Financial Resources and their Utilisation (FRU)	2025	2026
Average CAPEX per student	7,205	9,011 (~25.1%)
Average OPEX per Student	96,395	1,12,562 (~16.8%)
Marks (FRU)	6.60	7.13

Combined metric for Publications (PU) & Combined metric for Quality of Publications (QP)	2025		2026	
	Scopus	WoS	Scopus	WoS
No. of publications	3,005	1,309	5,777	2,038
Total no. of publications	4,314		7,815 (~81.15%)	
No. of retracted publications	45	40	31	30
Average Publication per Faculty	2.20		3.29 (~49.55%)	
Marks (PU)	13.64		15.00	
No. of citations	19,466	9,832	37,000	14,597
Total no. of citations	29,298		51,597	
No. of Citations for retracted publications	662	392	428	328
Average Citations per Faculty	14.93		17.72 (~18.69%)	
Marks (QP)	15.60		16.22	

IPR and Patents: Patents Published and Granted (IPR) & Footprint of Projects and Professional Practice (FPPP)	2025	2026
No. of patents granted	25	22
No. of patents published	54	101
Marks (IPR)	6.00	6.50
Marks (FPPP)	0.52	0.52

Combined Metric for Placement and Higher Studies (GPH) & Metric for University Examinations (GUE)	2025		2026	
	UG	PG	UG	PG
No. of students (Sanctioned intake)	7,020	786	6,840	648
No. of students (graduation)	5,742	272	5,856	267
Total no. of students (graduation)	6,014		6,143	
No. of students (placement)	3,123	243	3,313	243
Total no. of students (placement)	3,366		3,356	
No. of students (higher studies)	885	2	704	1
Total no. of students (higher studies)	887		705	
Marks (GPH)	22.03		23.36	
Marks (GUE)	13.99		15.00	

Median Salary (GMS)	2025	2026
Marks	8.58	8.58

Metric for Number of Ph.D Students Graduated (GPHD)	2025		2026	
	FT	PT	FT	PT
No. of scholars graduated	13	57	31	52
Marks	1.41		1.76	

Percentage of Students from other States/ Countries (Region Diversity RD) & Percentage of Women (Women Diversity WD)	2025	2026
Total no. of students enrolled	9,679	10,949
Total no. of Students enrolled from other states	8,063	9,264
% w.r.t enrolled	83.30	84.6
Total no. of Students enrolled from other countries	119	61
% w.r.t enrolled	1.23	0.56
Marks (RD)	21.87	21.18
Total no. of women students available	1,957	2,374
Total no. of women faculty available	160	224
Women students %	20.22	21.68
Women faculty %	20.00	20.00
Marks (WD)	21.13	21.50

Economically and Socially Challenged Students (ESCS)	2025	2026
Marks (ESCS)	4.34	4.34

Facilities for Physically Challenged Students (PCS)	2025	2026
Marks (PCS)	20.00	20.00

Peer Perception: Employers & Academic Peer (PR)	2025	2026
Marks (PR)	7.57	7.57

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

NIRF India Rankings (Engineering) 2026 Predicted Scores Vs Actual Scores with 2025 and 2024

Parameters (Marks) / (Weightage)	TLR (100)/ 30				RP (100)/ 30				GO (100)/ 20				OI(100)/ 10				PR (100)/ 10	
	Sub-Parameters	SS (20)	FSR (30)	FQE (20)	FRU (30)	PU (35)	QP (40)	IPR (15)	FPPP (10)	GPH (40)	GUE (15)	MS (25)	GPHD (20)	RD (30)	WD (30)	ESCS (20)	PCS (20)	PR (100)
Marks	20	30	20	30	35	40	15	10	40	15	25	20	30	30	20	20	100	
Weightage	6	9	6	9	10.5	12	4.5	3	8	3	5	4	3	3	2	2	10	
2026 (Pre dicte d)	Marks	15.00	27.37	16.78	7.13	15.00	16.22	6.50	0.52	23.36	15.00	8.58	1.76	21.18	21.50	4.34	20	7.57
	Marks in Weightage Subtotal	4.50	8.21	5.03	2.14	4.50	4.87	1.95	0.16	4.67	3.00	1.72	0.35	2.12	2.15	0.43	2.00	0.76
	(Parameter- Total Marks	19.88				11.47				9.74				6.70				0.76
	Total Marks	48.56																
2025	Marks	15.50	28.22	16.39	6.60	13.64	15.60	6.00	0.52	22.03	13.99	8.58	1.41	21.87	21.13	4.34	20.00	7.57
	Marks in Weightage Subtotal	4.65	8.47	4.92	1.98	4.09	4.68	1.8	0.16	4.41	2.80	1.72	0.28	2.19	2.11	0.43	2.00	0.76
	(Parameter- Total Marks	20.01				10.73				9.20				6.73				0.76
	Total Marks	47.43																
2024	Marks	15.13	26.99	14.21	5.47	14.70	16.06	6.00	0.22	21.19	14.11	8.53	1.03	22.26	20.19	6.69	20.00	7.10
	Marks in Weightage Subtotal	4.54	8.10	4.26	1.64	4.41	4.82	1.8	0.07	4.24	2.82	1.71	0.21	2.23	2.02	0.67	2.00	0.71
	(Parameter- Total Marks	18.54				11.09				8.97				6.91				0.71
	Total Marks	46.23																

Teaching, Learning & Resources (TLR)

Name	State	2025 Score	2025 Rank	SS	SS Rank	FSR	FSR Rank	FQE	FQE Rank	FRU	FRU Rank
Institute of Chemical Technology	Maharashtra	57.96	41	11.5	76	28.08	51	18.48	15	18.3	33
Malaviya National Institute of Technology	Rajasthan	57.45	42	15.39	43	23.74	75	15.26	63	14.9	57
UPES	Uttarakhand	56.99	43	15.5	37	24.22	73	14.62	71	16.99	42
Visvesvaraya National Institute of Technology, Nagpur	Maharashtra	56.58	44	13.31	59	24.99	65	16.52	45	16.73	43
Saveetha Institute of Medical and Technical Sciences	Tamil Nadu	56.55	45	16.02	32	30	10	19.99	1	9.76	92
Symbiosis International	Maharashtra	56.22	46	10.8	82	28.57	44	16.81	40	13.5	67
Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	56.08	47	12.5	66	28.43	46	15.86	52	14.5	59
Lovely Professional University	Punjab	55.99	48	18	14	24.34	72	13.63	80	7.08	99
National Institute of Technology Durgapur	West Bengal	55.94	49	14.07	48	24.73	67	16.78	42	15.67	51
National Institute of Technology Silchar	Assam	55.91	50	14.07	49	22.03	82	15.09	66	15.06	56
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Tamil Nadu	47.43	87	15.5	39	28.22	49	16.39	46	6.6	100

Research and Professional Practice (RP)

Name	State	2025 Score	2025 Rank	PU	PU Rank	QP	QP Rank	IPR	IPR Rank	FPPP	FPPP Rank
Institute of Chemical Technology	Maharashtra	57.96	41	17.85	50	19.08	47	7	20	6.42	13
Malaviya National Institute of Technology	Rajasthan	57.45	42	23.16	25	22.58	28	2.25	61	3.85	30
UPES	Uttarakhand	56.99	43	22.23	30	25.73	14	7	19	0.54	89
Visvesvaraya National Institute of Technology, Nagpur	Maharashtra	56.58	44	17.27	52	16.9	60	6.5	25	3.66	36
Saveetha Institute of Medical and Technical Sciences	Tamil Nadu	56.55	45	26.76	10	29.03	8	5	28	0.79	83
Symbiosis International	Maharashtra	56.22	46	24.95	18	22.27	30	4	46	0.62	87
Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	56.08	47	20.36	39	19.69	44	2.5	53	1.41	66
Lovely Professional University	Punjab	55.99	48	16.78	57	22.89	26	13	4	0.21	96
National Institute of Technology Durgapur	West Bengal	55.94	49	17.64	51	16.51	65	1.25	78	2.74	45
National Institute of Technology Silchar	Assam	55.91	50	24.39	22	22.73	27	2.25	60	2.11	51
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Tamil Nadu	47.43	87	13.64	70	15.6	70	6	27	0.52	90

Graduation Outcome (GO)

Name	State	2025 Score	2025 Rank	GPH	GPH Rank	GUE	GUE Rank	MS	MS Rank	GPHD	GPHD Rank
Institute of Chemical Technology	Maharashtra	57.96	41	29.43	76	15	57	13.64	64	6.88	46
Malaviya National Institute of Technology	Rajasthan	57.45	42	31.5	54	14.98	65	15.45	46	8.3	34
UPES	Uttarakhand	56.99	43	27.61	81	15	58	11.25	86	0.39	100
Visvesvaraya National Institute of Technology, Nagpur	Maharashtra	56.58	44	33.54	35	15	29	15.55	43	7.84	37
Saveetha Institute of Medical and Technical Sciences	Tamil Nadu	56.55	45	14.87	99	13.58	84	9.04	98	3.09	76
Symbiosis International	Maharashtra	56.22	46	32.25	45	15	36	12.62	72	5.51	59
Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	56.08	47	35.64	18	15	17	13.39	67	5.98	54
Lovely Professional University	Punjab	55.99	48	30.09	70	15	52	12.54	75	4.91	62
National Institute of Technology Durgapur	West Bengal	55.94	49	38.31	4	15	5	15.83	41	8.78	30
National Institute of Technology Silchar	Assam	55.91	50	30.81	60	15	45	16.53	37	7.82	39
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Tamil Nadu	47.43	87	22.03	92	13.99	80	8.58	100	1.41	92

Outreach and Inclusivity (OI) and Perception (PR)

Name	State	2025 Score	2025 Rank	RD	RD Rank	WD	WD Rank	ESCS	ESCS Rank	PCS	PR	PR Rank
Institute of Chemical Technology	Maharashtra	57.96	41	5.96	92	24.32	26	3.06	67	20	16.24	56
Malaviya National Institute of Technology	Rajasthan	57.45	42	12.92	71	19.95	48	7.27	32	20	10.48	72
UPES	Uttarakhand	56.99	43	20.53	24	22	36	0.12	97	20	18.16	49
Visvesvaraya National Institute of Technology, Nagpur	Maharashtra	56.58	44	11.64	77	19.02	55	5.38	52	20	18.16	50
Saveetha Institute of Medical and Technical Sciences	Tamil Nadu	56.55	45	18.89	35	28.22	15	4.12	60	20	1.07	98
Symbiosis International	Maharashtra	56.22	46	11.3	82	22.87	31	0.51	92	20	12.13	63
Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	56.08	47	4.03	95	25.71	20	8.04	22	20	17.21	53
Lovely Professional University	Punjab	55.99	48	24.51	2	19.94	49	2.43	71	20	20.21	42
National Institute of Technology Durgapur	West Bengal	55.94	49	14.32	61	14.84	81	9.22	14	20	16.97	55
National Institute of Technology Silchar	Assam	55.91	50	12.76	72	15.85	72	6.11	41	20	9.92	73
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Tamil Nadu	47.43	87	21.87	11	21.13	38	4.34	59	20	7.57	81

FRU	PU	QP	FPPP	GPH	GUE	MS	GPHD	ESCS	PR

Financial Resources and their Utilisation (FRU)

Year	Average per Student		Score
	Average Capital Expenditure per Student	Average Operational Expenditure per Student	
NIRF 2025	7,205	96,395	6.6
NIRF 2026	9,011	1,12,562	6.6

Combined metric for Publications (PU) &
Combined metric for Quality of Publications (QP)

- i. **Performance Appraisal:** Q1 – Mandatory for all the faculty members (End of first year – to be communicated; Published by the second year) (w.e.f. 2025-26)
- ii. **CAS:** Q1- Mandatory for promotion under Career Advancement Scheme (w.e.f. May 2026);
- iii. **Ph.D. Scholars:** Q1- Mandatory for Ph.D. Completion (w.e.f. Jan 2025)
- iv. **Citations:** Positive collaborations

Engineering & (Physics, Chemistry, Mathematics, MBA) Minimum Publication Requirements by Designation – Effective from CY 2026

Category	Designation	Minimum Total Publications per year	Mandatory WoS Articles, which should also be indexed in Scopus	Mandatory Scopus Articles	Additional Indexed Publications	Indexed Publications per year
Research Faculty (Quality + Quantity)	Prof.	4	1	2		<ul style="list-style-type: none"> •Must be First Author/Corresponding Author in the mandatory manuscript. •No Conference/Book Chapter will be accepted.
	Assoc. Prof.	4	1	1	1	<ul style="list-style-type: none"> •Must be First Author/Corresponding Author in the mandatory manuscript.
	Asst. Prof.	4	1		2	
Academic Faculty (Quantity)	Prof.	4	1	1	1	
	Assoc. Prof.	4	1		2	
	Asst. Prof.	3	1		1	

Combined Metric for Placement and Higher Studies**(GPH)****Placement Strategy for the upcoming batches:**

To achieve excellence in both the number and quality of placements, we need to implement a focused and efficient placement strategy.

To achieve quantity:

Training Duration per day	Training to be imparted
2 Hours	Coding / Spoken English

	Present	Total Hours	Proposed	Hours per semester	Total Hours
Spoken English	Infosys Springboard	8	Infosys Springboard + Pro Speak	50	200
Soft Skills	Soft Skills	8	Soft Skills	15	60
Coding-Technical	Programming	60	Programming + Data Structures	60	240
	Advanced	40	Full Stack Project Development (FSPD)	30	120
Aptitude Skills + CCT	Quantitative and Verbal ability	12 + 60	No change		

Support system required:

- These initiatives should be rolled out on a priority basis to all the III year students
- Training sessions must be supported with proper space and logistical arrangements.
- More CSE professors should be assigned, as students will be grouped into 50 per batch for effective learning.
- The departments should ensure consistent participation, punctuality, and engagement throughout the training program.
- Aligning training schedules with academic timetables and minimising clashes with regular coursework should be taken care of.

To achieve quality: To achieve our goal of increasing the median salary by ₹1 lakh each year, students should undergo targeted training to enhance their industry readiness and improve placement success.

No. of Students to be Trained	Target Companies	Training Agenda	Level	Training per day
600	Dream CTC – 6 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & <u>400</u> programming Questions	Foundation	3 Hours
400	Super Dream CTC - 10 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & <u>600</u> programming Questions	Core	4 Hours
200	Marquee CTC - 20 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & <u>800</u> programming Questions	Proficient	5 Hours
100	Pinnacle CTC – 50 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & <u>1000</u> programming Questions	Mastery	6 Hours

Metric for Number of Ph.D Students Graduated (GPHD)

Ph.D. Graduation

Year	2024-25	2023-24	2022-23	2021-22
FT	31	13	8	2
PT	52	57	39	39

For existing scholars

Stage	Semester / Duration	Milestones to be Completed	Eligibility for Stipend Release
Stage 1	Within 30 days of Admission	<ul style="list-style-type: none"> First RAC Meeting completed Course work (4 subjects) finalized 	Stipend released upon submission of RAC minutes
Stage 2	1 st Semester (Year I)	<ul style="list-style-type: none"> Completion of all 4 coursework subjects Submission of Research Proposal Report 	Released after RAC approval of the proposal, coursework completion proof
Stage 3	2 nd Semester (Year I)	<ul style="list-style-type: none"> Submission of first conference paper Preparation of first journal manuscript (WoS/Scopus) 	Released upon verification of submission evidence by DRS
Stage 4	3 rd Semester (Year II)	<ul style="list-style-type: none"> Communication of first WoS/Scopus paper Preparation of second conference paper 	Released after verification of proof of paper communication and conference participation
Stage 5	4 th Semester (Year II)	<ul style="list-style-type: none"> Publication of first WoS/Scopus paper Submission of second conference paper Preparation of second WoS/Scopus manuscript 	Released after verification of publication and participation proofs
Stage 6	5 th Semester (Year III)	<ul style="list-style-type: none"> Communication of second WoS/Scopus paper Compilation and consolidation of research 	Released upon submission of compiled report and proof of paper-2 communication
Stage 7	6 th Semester (Year III)	<ul style="list-style-type: none"> Submission of publications proof Pre-synopsis/ Synopsis Final thesis submission 	Released upon verification of proofs, synopsis recommendation minutes and Research Office approval

Perception (PR)

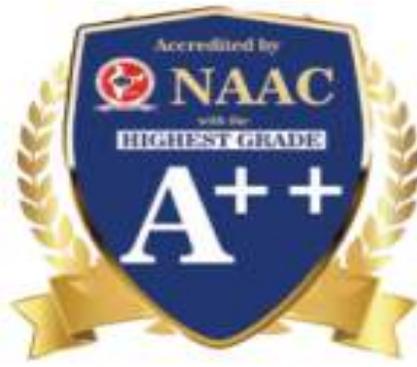
- BoS members from IITs/ NITs
- Resource person for the Events from IITs/ NITs
- Social media

For new scholars joining from Jan 2026

Semester	Duration (Months)	Target Outcomes / Expected Activities
Sem I	0 – 6	Registration and successful completion of Ph.D. coursework.
		Comprehensive literature review.
Sem II	7 – 12	Research gap identification and finalization of research objectives.
		Research proposal preparation including objectives, scope, and methodology.
		Start preliminary experiments, simulations, or data collections.
Sem III	13 – 18	Submission of 1 st conference paper and poster presentation.
		Continuation of experimental work, simulation, or data analysis.
		Drafting and communication of the first WoS/Scopus indexed journal paper.
Sem IV	19 – 24	Draft and submission of 2 nd conference paper.
		Continuation of experimental work, simulation, or data analysis.
		Draft and submission of 2 nd journal paper (WoS/Scopus indexed journal).
Sem V (Final Phase)	25 – 30	Proof of acceptance/publication of the 1 st WoS/Scopus indexed journal paper.
		Proof of acceptance/publication of the 2 nd WoS/Scopus indexed journal paper.
		Preparation and submission of pre-synopsis/synopsis.
		Thesis writing, finalization, and submission for evaluation.
		Preparation for viva-voce.

Work to Create Impact not Impression

Thank You!



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

EXECUTIVE COUNCIL

Date : 27.12.2025 at 10.30 a.m.

To discuss and record the research activities and TBI start-ups ventures in
the Research Park.

Office of R&D and Technology Business Incubator

Presentation Agenda

Research & Development

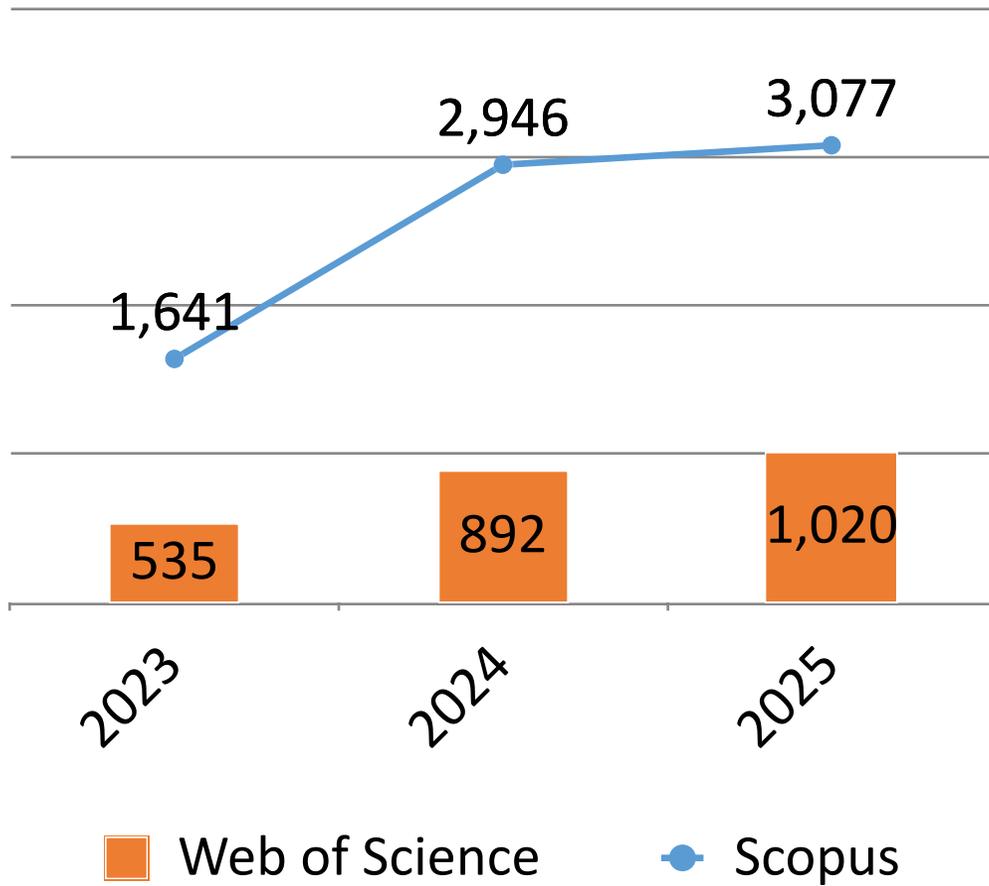
- Publication Acceleration Programme
- Q1 Updates
- Patent
- Updates of Institute Funded Seed Money
- Updates of Research & Development fund
- Incentive Paid
- Institute Research Acceleration programme
- Initiatives for Patent to Commercialization
- Activities of research Park

Innovation & Entrepreneurship

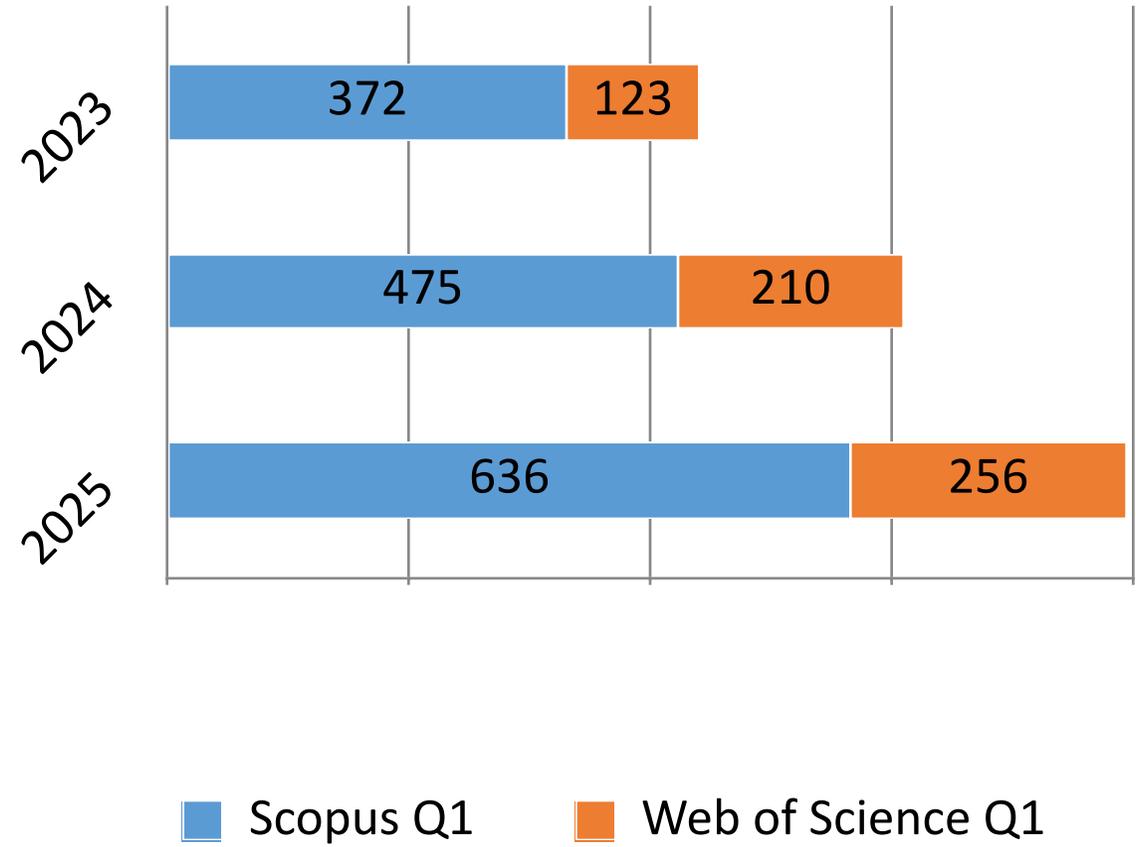
- Incubated Startup Progress
- Govt Schemes Implemented at Vel Tech
- Schemes wise progress Report
- Startup Patent
- Institution Innovation council Activities
- Renew Generation Activities
- Valuation of Vel Tech TBI
- I & E events

Publications in Q1 Journals

Publication Growth



Q1 Publications



Initiatives aimed at enhancing publications

Publication Acceleration Programme

Timeline & Expansion:

- **June 2025:** Program launch with Law and Commerce departments
- **July 2025:** Extended to CSE, BioTech, and ECE departments
- **September 2025:** MBA department inclusion
- **Current:** Foreign research scholars integration

Strategic Focus:

- Comprehensive support from concept to submission
- Zero APC journal targeting
- All-VelTech authorship mandate

PAP in a Nutshell			
S. No	Parameters	Values	
1	Departments Covered	Law, Commerce. Bio-Tech, CSE, ECE, MBA	
2	Faculties/Scholars bring trained	Law	47
		Commerce	10
		Bio-Tech	47
		CSE	103
		ECE	8
		MBA	29
		Foreign Scholars	11
		Bio-AI	8
Total			263

PAP Framework - Comprehensive Publication Support

End-to-End Research Publication Excellence

Comprehensive Support Structure:

- **10 One-on-One Sessions: Problem identification → Journal selection → Manuscript completion → Submission**
- **Technical Excellence: Q1-standard figures, tables, charts, and reference integration**

2025 Ambitious Targets:

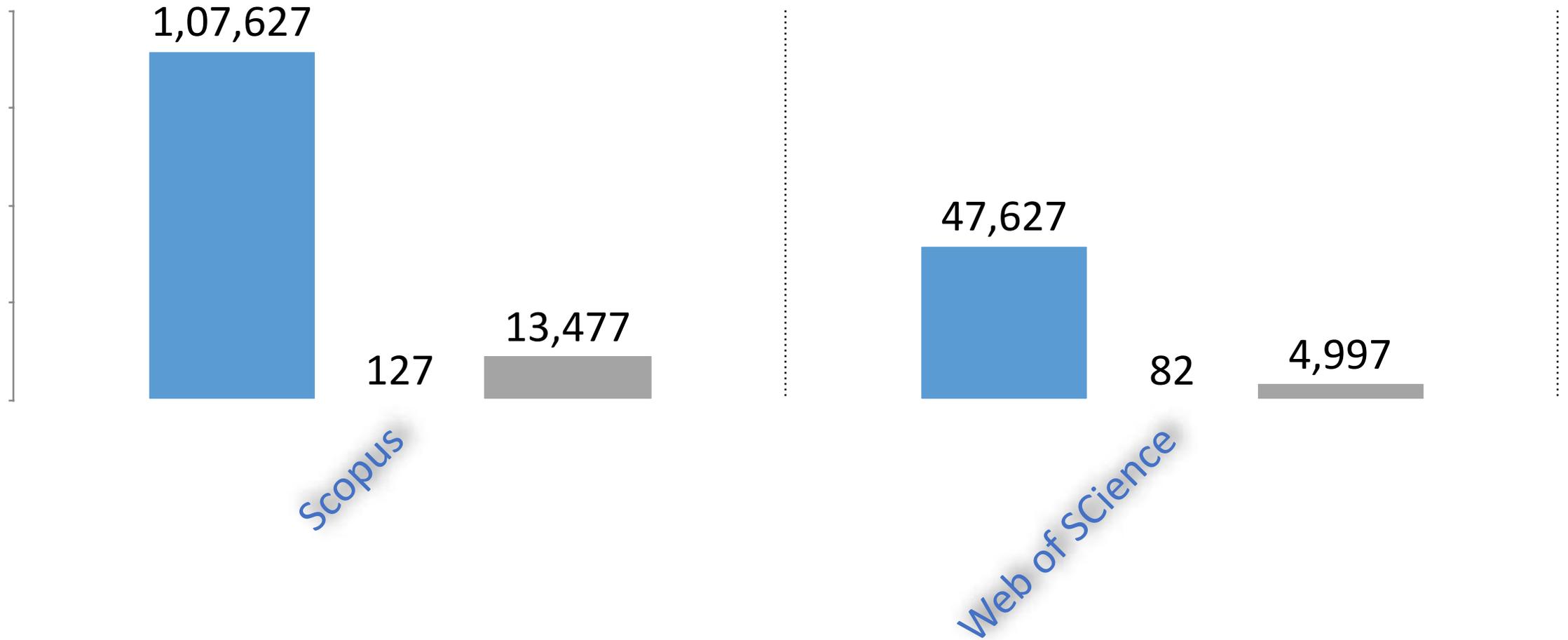
1. **350 total submissions (300+ targeting Q1 journals)**
2. **100% zero-APC publications**
3. **All-VelTech authorship ensuring authentic institutional research**

Strategic Outcomes:

1. Enhanced faculty profiles for funding agency credibility
2. Elimination of "bought authorship" perceptions
3. Increased project funding success rates through legitimate Q1 publication records

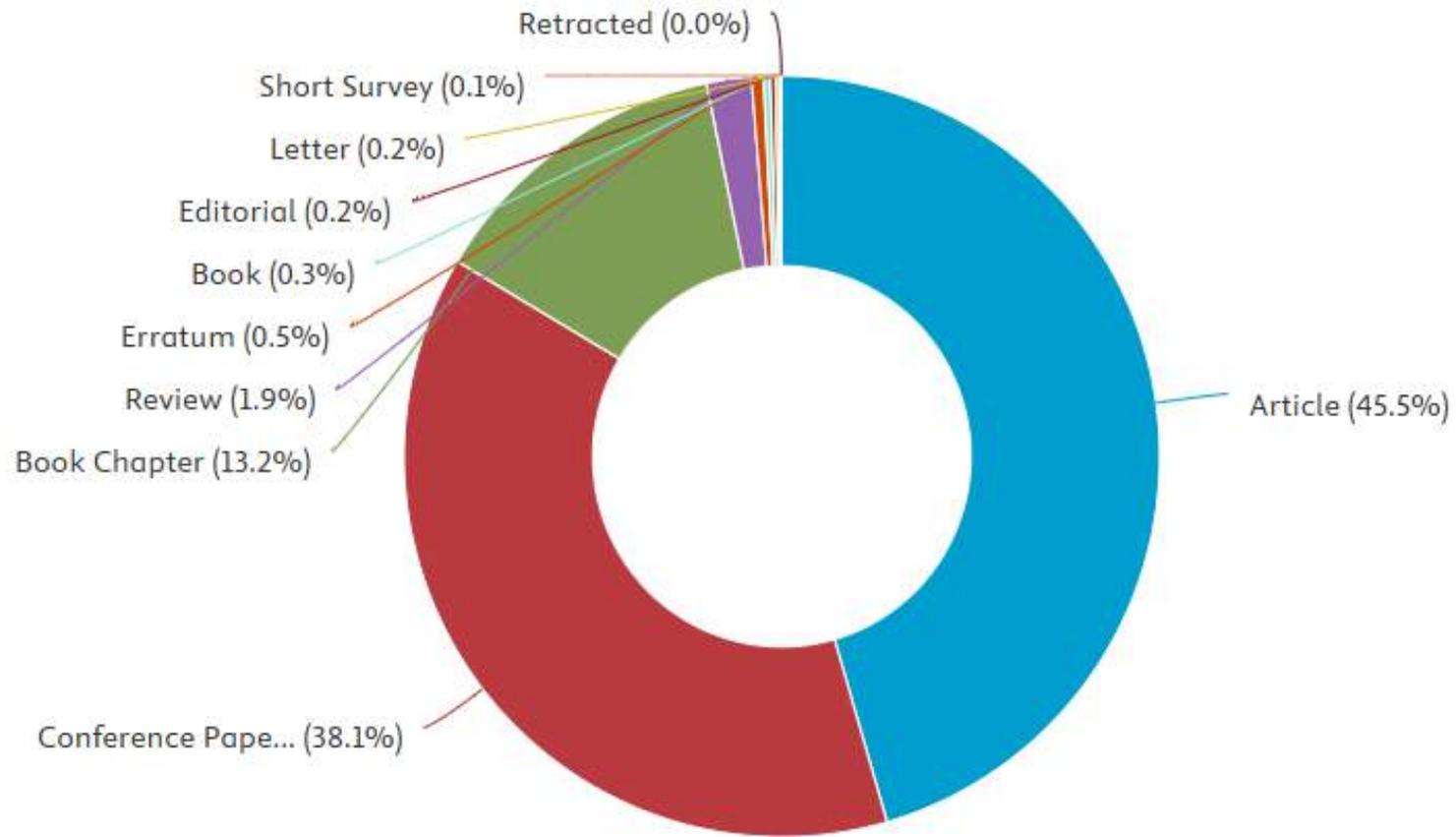
PAP Current Statistics		
S. No	Parameters	Count
1	Total Unique Journals for Manuscripts Submission	140
2	Q1 Journals - Unique	117
3	Total faculties / students	263
4	Target Submission by March 2026	350

Citations of Research Publications



Publications

Documents by type



Engineering & (Physics, Chemistry, Mathematics, MBA) Minimum Publication Requirements by Designation – Effective from CY 2026

Category	Designation	Minimum Total Publications per year	Mandatory WoS Articles, which should also be indexed in Scopus	Mandatory Scopus Articles	Additional Indexed Publications	Indexed Publications per year
Research Faculty (Quality + Quantity)	Prof.	4	1	2		<ul style="list-style-type: none"> • Must be First Author/Corresponding Author in the mandatory manuscript. • No Conference/Book Chapter will be accepted. • Must be First Author/Corresponding Author in the mandatory manuscript.
	Assoc. Prof.	4	1	1	1	
	Asst. Prof.	4	1		2	
Academic Faculty (Quantity)	Prof.	4	1	1	1	
	Assoc. Prof.	4	1		2	
	Asst. Prof.	3	1		1	

Full-Length Article / Review Article will be accepted for mandatory publication.

A Web of Science (WoS) indexed article must also be indexed in Scopus to be considered valid for institutional evaluation. Furthermore, any research article that is indexed in both Web of Science (WoS) and Scopus databases shall be counted as two distinct credits for evaluation and performance metrics.

Irrespective of designation, all PhD faculty members are required to publish at least one Q1 paper in any author position within a span of two years starting from CY 2026. However, Research Faculty (Professors) must publish the same as the first author only.

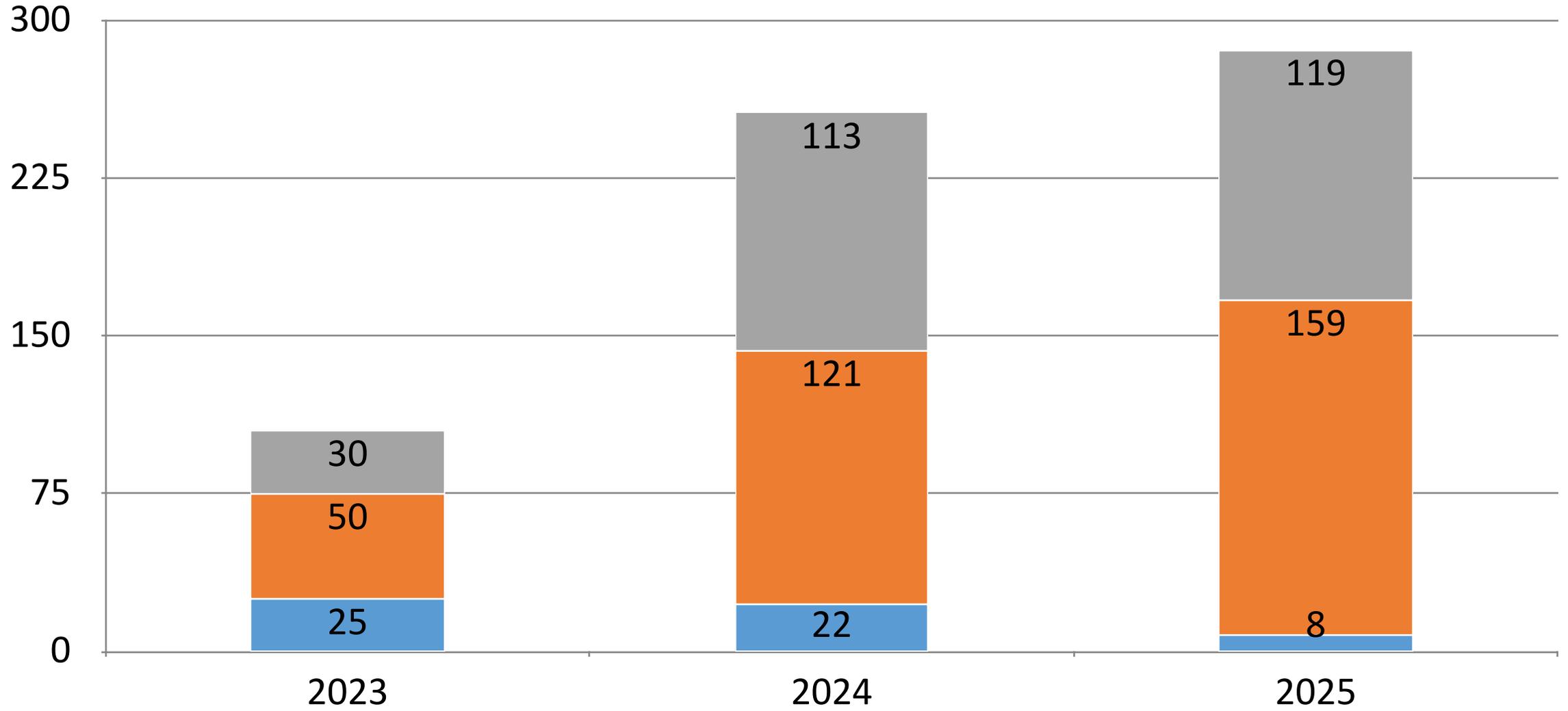
Additional Publication can be made through a conference or book chapters without affecting the respective category rule.

Patent

Patent Grant

Filed

Published



Idea - PoC - Patent - market - Commercialization



- 500 IoT Problem Launched on 24th November 2025
- Mini Project
- 350 SoC
- 150 SoEC

Patent Enhancement Initiative - Converting Innovation to IP

Intensive Projects-to-Patents Program

Current Implementation:

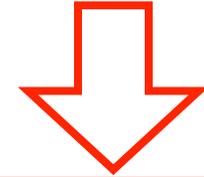
- **Smart India Hackathon Screening:** 130 student project presentations evaluated by industry juries
- **40 High-Potential Projects** identified for immediate patent conversion
- **Expert Technical Support:** Professional patent drafting assistance engaged
- **Timeline:** All 40 projects targeted for patent submission this month

Systematic Expansion Strategy:

- **Department-by-Department Evaluation:** Comprehensive review of past and present student projects
- **Industry Expert Integration:** Professional assessment of patentability scope
- **Intensive Development Process:** Technical refinement and IP documentation support

SMART INDIA HACKATHON 2025
TITLE PAGE

- Problem Statement ID – SIH25120
- Problem Statement Title- Student Innovation
- Theme- Travel & Tourism
- PS Category- Hardware
- Team ID- VTU 32857
- Team Name – Stellar Floaters



FORM 2 – COMPLETE SPECIFICATION

Title of the Invention
System and Method for Zero-Gravity Simulation using Spherical Neutral Buoyancy Tanks with Laminar Flow Thrusters and VR/AR Integration

Field of the Invention
The present invention relates to simulation technologies for aerospace training, education, tourism, and entertainment. More particularly, it pertains to a system and method for simulating near-zero gravity conditions by utilizing a spherical neutral-buoyancy enclosure filled with degassed liquid, thruster-generated laminar flow for turbulence-free six-degree-of-freedom motion, and synchronized VR/AR overlays for immersive astronaut-like experiences.

Patent-to-Grant Initiative - EDII IVP Scheme Success

Transforming Patents into Funded Projects

Comprehensive Support Framework:

- **End-to-End Assistance:** Application drafting to presentation preparation
- **Expert Engagement:** Professional support for intensive patent-to-grant conversion
- **Faculty Empowerment:** Leveraging existing patent portfolios for funding success

Strategic Pipeline:

- **40-50 additional submissions** in preparation
- **Strong momentum:** Only 2 rejections at shortlisting stage, 6 at presentation stage

Campus Born Faculty Startups - Raised External funding

Faculty Name	Startup name	EDII TN Fund in Rs.
Dr. A. Soundhar	M/s. Ani Sou Packaging	330000
Dr. Nannam Haricharan	M/s. ADONAI Power Converters	310000
Dr. P. Kalpana Devi	M/s. Greenfin	330000
Dr. Prasanna Ramaiyan	M/s. PND Solutions	330000
Dr. K. Tarangini	M/s. Vishwamitra Technologies	330000
Dr. S. Mugesh	M/s. Park's Bio Labs	325000
Dr. T. Vaishnavi	M/s. Health Care Mission	340000
Dr. Udhaya Kumar T	M/s. ShaiShree Green Build Solutions	329997
Dr. S. Vishnu Kumar	M/s.Megam Industrial Dryers (Megam Groups)	330000
Dr. S. Vijayalakshmi	M/s. Ampere Power Solutions	300000
Dr. Kavitha Thandapani	M/s.Yazhdeen Technologies	300000
Dr. Dhanabalan G	M/s. Autonomous Electrical Automation	369000
Mr. Ralph Stephenson S	M/s. Ralph Technologies	330000
Dr. Kanagachidambaresan GR	M/s. Eazythings Technology private Limited	700000
Dr. Vinod Kumar M	M/s. VS industries	330000

Our Efforts towards Patent to Commercialization

- 78 Innovations Submitted to EDII TN
- 19 Sanction received

Institute Funded Seed Money

Objectives

- Foster a strong research-driven culture through structured support mechanisms, frameworks, and clear guidelines.
- Encourage socially relevant and impact-oriented research with clear commercialization potential.
- Enable faculty to undertake real-world research projects and attract external funding and sponsorships.
- Support proof-of-concept studies by facilitating testing of novel ideas and generation of preliminary results prior to applying to external funding agencies.
- Promote inter-faculty and interdisciplinary collaboration in emerging and high-impact research areas.
- Facilitate the development of intellectual property (IPR) and the translation of research outcomes into innovative products and processes.
- Attract, nurture, and retain high-quality researchers and innovators within the university.

Eligibility Criteria

- Applicants must demonstrate a strong research background relevant to the proposed area.
- Funding will not be provided for previously explored or outdated ideas.
- Faculty members who have previously received seed money are not eligible to apply.
- Cross-departmental research groups are encouraged to apply.

Duration

12 months

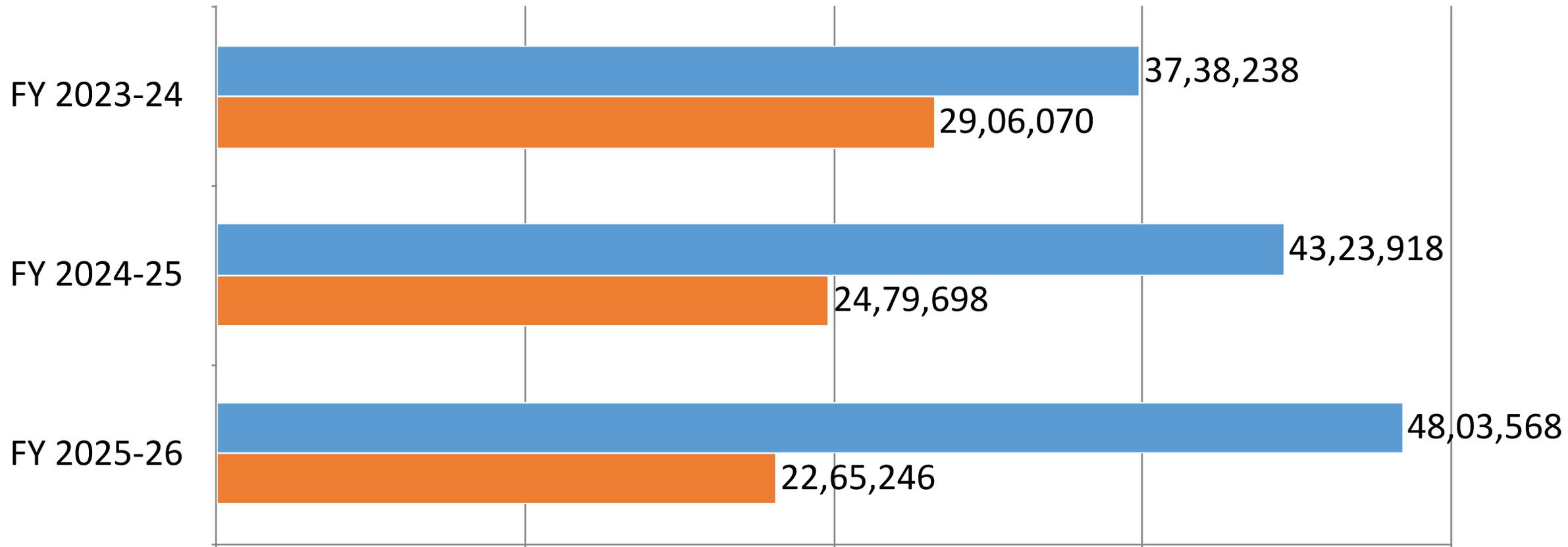
Expected Outcomes (Not limited to)

- One patent
- At least two Q1 publications
- Submission of a research proposal aligned with funding agency expectations
- Collaboration with a national institute or a TOP 100 NIRF-ranked institution

Institute Funded Seed Money

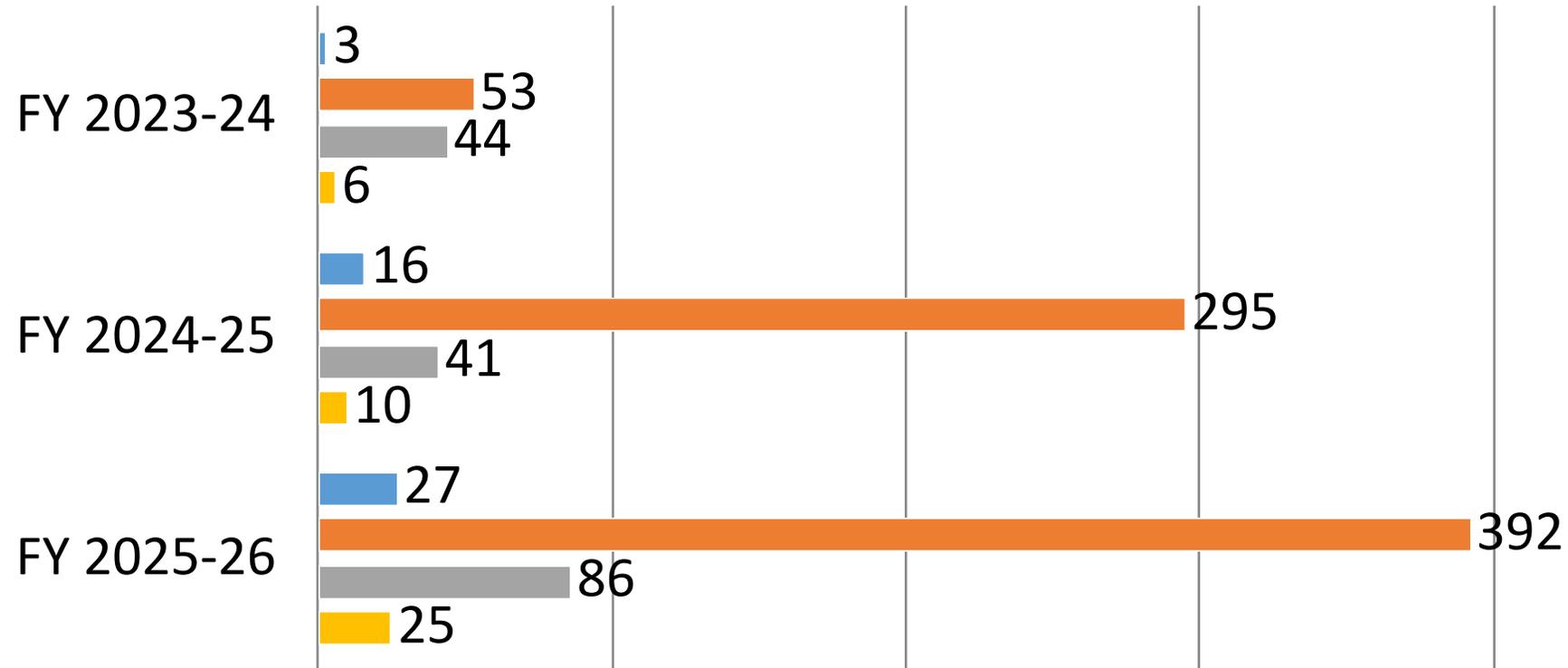
Sanctioned in Rs.

Utilized in Rs.



Institute Funded Seed Money - Outcome

■ No of Q1 ■ Other Publications ■ Proposal Submitted ■ Patent filed



Research & Development Fund (RDF)

- Annual exercise to find top 75 Research Faculty
- Top 1-10 - Rs. 1 Lakh
- Top 11-40 - Rs. 75,000/-
- TOP 41-75 - Rs. 50,000/-

- Beneficiary can use this money for any research Connected activities

Table 1

Year	Sanctioned Amount	Utilized Amount
FY 2025-26	50	29.79
FY 2024-25	50	34.29

Table 1-1

	Outcomes			
	Patent Filed	Publications Count	Q1 Count	Proposal Submitted
FY 2025-26	46	689	53	46
FY 2024-25	11	576	47	22

Sponsored Projects & Consultancy

Sponsored Project

	Sanctioned Amount	Received Amount
FY 2025-26	₹2,33,37,679.00	₹90,42,520.00
FY 2024-25	₹1,49,86,156.00	₹1,55,80,360.00
FY 2023-24	₹86,87,471.00	₹1,34,50,288.00

Consultancy Revenues

	Recieved Amount(INR in Lakhs)
FY 2025-26	120.02
FY 2024-25	149.06
FY 2023-24	126.48

Funded Project FY 2025-2026

S.No	Project Seal	Project Title	Principal Investigator (PI)	Department of PI	Funding Agency	Scheme	Sanctioned Project Cost (Rupees)
1	DST ASEAN 1	Development of Titanium-steel and Nickel-titanium bimetallic structures through additive manufacturing for structural and aerospace applications	Dr Rajamani	Mechanical	DST	ASEAN	₹ 3,132,742
2	ANRF (SERB) ITS - 4	16th International Conference on Materials and Manufacturing Technologies, Japan	Dr Rajamani	Mechanical	ANRF	ITS	₹ 113,437
3	VTU DBT-10	UAAV based eDNA mapping of an aquatic ecosystem of Loktak lake for fishery management	Dr Surendar	Aeronautical	DBT	NER	₹ 4,453,850
4	VTU TNSCST-SSW-1	Significance of Intellectual Property protection for individuals and Statrups	Dr Udhaykumar	Civil	TNSCST	Workshop	₹ 20,000
5	VTU TNSCST-YSF-2	Young Scientist Fellowship	Dr. Babu Balraj	Physics	TNSCST	Fellowship	₹ 24,400
6	VTU TNSCST-Student 7	Classification of diabetes using discriminant analysis	Dr. D. Kanagajothi	Maths	TNSCST	Student Project	₹ 7,500
7	VTU TN RRGSA-1	Handholding support for CB & T activities in collaboration with Academic Institution/Institutions of Excellence under Revamped RRGSA scheme	Dr. R. Gowri Shankar	Physics	SIRD&PR	RRGSA	₹ 20,000
8	VTU DBT-11	Bio E3	Dr. Ravikumar & Dr.Mugesh	Biotechnology			₹ 3,958,000
9	VTU ICSSR-4	ICSSR	Dr.Monika	Law	ICSSR		₹ 800,000
10	VTU DRDO-3	DRDO	Dr. Sai Prasanna	Aeronautical			₹ 4,110,000
11	VTU DBT-12 (Majuli)	Bio - Tech - Smart Agriculture	Dr. Dhilip	CSE	DBT		₹ 6,634,000
12	VTU TNSCST IPD-1	Innovation Grant	Dr. Kishore kanna	Biomedical	TNSCST	Innovation and Product Development	₹ 63,750
Total							₹ 23,337,679

Consultancy FY 2025-26

S.NO	Name of consultancy project	Name of the teacher consultant	Department	Amount	GST@18%	Total	Incentive
1	Safety Audit for M/S Winwin Speciality Insulators Limited	Dr. Harisivasri Phanindra K	Mechanical	₹ 10,000	₹ 1,800	₹ 11,800	₹ 7,000
2	OSEP for M/S Raghunath Dye Chem Pvt Ltd, Kurnool, Andhra Pradesh	Dr. Harisivasri Phanindra K	Mechanical	₹ 10,000	₹ 1,800	₹ 11,800	₹ 7,000
3	HARA for M/S Knauf India Private Limited	Dr. Harisivasri Phanindra K	Mechanical	₹ 16,949	₹ 3,051	₹ 20,000	₹ 11,864
4	Safety Audit and HARA for M/S Toray Industries (India) Private Limited	Dr. Harisivasri Phanindra K	Mechanical	₹ 25,424	₹ 4,576	₹ 30,000	₹ 17,797
5	Safety Audit for M/S Vishnu Barium Pvt Ltd	Dr. Harisivasri Phanindra K	Mechanical	₹ 10,000	₹ 1,800	₹ 11,800	₹ 7,000
6	Safety Audit and OSEP for M/S Rockman Industries Limited	Dr. Harisivasri Phanindra K	Mechanical	₹ 25,424	₹ 4,576	₹ 30,000	₹ 17,797
7	Safety Audit for M/S International Flavors & Fragrances	Dr. Harisivasri Phanindra K	Mechanical	₹ 21,186	₹ 3,813	₹ 24,999	₹ 7,000
8	Safety Audit for M/S Aurobindo Pharma, Naidupeta, Andhra Pradesh	Dr. Harisivasri Phanindra K	Mechanical	₹ 12,712	₹ 2,288	₹ 15,000	₹ 17,797
9	Design and Visualization of Pressure Sensor Module Through 3D Animation Video	Mr. J. Jabez David Dr. Mutharasan"	Media Technology and communication & ECE"	₹ 114,406	₹ 20,593	₹ 134,999	₹ 14,830
10	THIRD PARTY REPORT DINDIGUL CITY MUNICIPAL CORPORATION	Dr. G.Kumar, Dr.M.Vinodkumar Dr. S.Baskar	Civil	₹ 16,949	₹ 3,051	₹ 20,000	₹ 8,898
11	DEVELOPMENT THANDURAI FISH MARKET STABILITY REPORT - Avadi Municipal Corporation	Dr. S.Baskar Dr. S.Samson Dr.M.Vinodkumar	Civil	₹ 169,492	₹ 30,509	₹ 200,001	₹ 80,084
12	DESIGN OF PROPOSED COMMUNITY HALL BUILDING (G+1) Block Development Office - Minjur	Dr. S.Baskar Dr. S.Samson	Civil	₹ 57,966	₹ 10,434	₹ 68,400	₹ 11,864
13	THIRD-PARTY SITE INSPECTION REPORT-Vallimayil Properties Pvt. Ltd.	Dr. S.Baskar, Dr. G.Kumar Dr.M.Vinodkumar	Civil	₹ 30,000	₹ 5,400	₹ 35,400	₹ 118,644
14	THIRD-PARTY SITE INSPECTION REPORT-Thillai Nataraja Road Construction Pvt Ltd	Dr. S.Baskar, Dr. G.Kumar Dr.M.Vinodkumar	Civil	₹ 15,000	₹ 2,700	₹ 17,700	₹ 40,576
15	THIRD-PARTY SITE INSPECTION REPORT-Thillai Nataraja Road Construction Pvt Ltd	Dr. S.Baskar, Dr. G.Kumar Dr.M.Vinodkumar	Civil	₹ 20,000	₹ 3,600	₹ 23,600	₹ 21,000

Consultancy FY 2025-26

16	THIRD-PARTY SITE INSPECTION REPORT- Jayadhitya Groups	Dr. S.Baskar, Dr. G.Kumar Dr.M.Vinodkumar	Civil	₹ 15,593	₹ 2,807	₹ 18,400	₹ 10,500
17	THIRD-PARTY SITE INSPECTION REPORT- Mars Constrction	Dr. S.Baskar, Dr. G.Kumar Dr.M.Vinodkumar	Civil	₹ 10,000	₹ 1,800	₹ 11,800	₹ 14,000
18	THIRD PARTY REPORT DINDIGUL CITY MUNICIPAL CORPORATION	Dr. G.Kumar, Dr.M.Vinodkumar Dr. S.Baskar	Civil	₹ 105,932	₹ 19,068	₹ 125,000	₹ 7,000
19	Development of GPS Module as per specifications	Dr. R. Jaganraj	Aeronautical	₹ 62,273	₹ 11,209	₹ 73,482	₹ 29,400
20	AESTHETICS DESIGN OF THE OUTER SHELL OF THE THERMAL FLASK	Dr. R. Jaganraj	Aeronautical	₹ 4,500	₹ 810	₹ 5,310	₹ 43,591
21	3D Scan of Digital Model Creation	Dr..G.R Kanagachidambaresan , Dr.Balaji	CSE & Mechanical	₹ 21,000	₹ 3,780	₹ 24,780	₹ 10,915
22	Fully Automated Oil drop Spiller IoT with Dashboard Support	Dr.G.R Kanagachidambaresan , Dr.Balaji	CSE & Mechanical	₹ 42,000	₹ 7,560	₹ 49,560	
23	Sand Plant Temperature Monitoring System-SPU	Dr.G.R.Kanagachidambaresan Dr.C.A.Arun	CSE & ECE	₹ 82,651	₹ 14,877	₹ 97,528	₹ 14,700
24	Sand Plant Temperature Monitoring System-ENNORE	Dr.G.R.Kanagachidambaresan Dr.C.A.Arun	CSE & ECE	₹ 49,400	₹ 8,892	₹ 58,292	
25	JH4.0 Application Development	Dr.G.R.Kanagachidambaresan Dr.C.A.Arun	CSE & ECE	₹ 20,000	₹ 3,600	₹ 23,600	
26	Smart Viscosity Measurement System-SPU	Dr.G.R.Kanagachidambaresan Dr.C.A.Arun	CSE & ECE	₹ 78,000	₹ 14,040	₹ 92,040	
27	Smart Viscosity Measurement System- ENNORE	Dr.G.R.Kanagachidambaresan Dr.C.A.Arun	CSE & ECE	₹ 78,000	₹ 14,040	₹ 92,040	
29	Apprenticeship Training Programme	Dr Sumithra	CSE	₹ 38,000	₹ 6,840	₹ 44,840	

Publication Incentive Status

Publication Incentive Status

	Incentive Amount (in Lakhs)				
Calendar Year	Publications	Books published	Consultancy	Patent	Funded Project
2025-26 (Phase I)	71.9	-	7.28	0.46	3.98
2024 -25	108.02	2.23	10.08	12.75	6.69
2023 -24	44.72	0.82	9.91	2.13	4.85

Plan of Action

Publication Acceleration programme

- 10 Individual Sitting with faculty
- Aiming for Q1 Journal
- 310 Faculty involved
- 76 Papers Submitted
- 5 Paper Published

Technology Commercialization

- 78 Patent Granted
- 19 Patent have been commercialized through EDII TN Innovation fund
- Total Grant received Rs. 57 Lakhs Sanctioned

Research equipment Procured

- FESEM
- Optical Microscope
- Thermal Gas Analyser
- XRD
- Bio reactor
- Particle Size Analyzer
- Impedance Alalyzer
- UV Spectrometry
- High Speed Centrifuge

Plan of Action

One faculty One patent Initiative

- 523 Industrial IoT problem Statements received
- Allotted as Minor Project
- Structured Mentoring / Guidance
- Aiming for 500 Patent and further guided for technology Transfer/ Startup

Student Startups

- 73 Students ideas identified
- 14 Students teams registered MSME
- Submitted Idea funding to EDII TN/ NIDHI PRAYAS
- 7 Idea funded by In house NIDHI PRAYAS/EDII TN

Collaboration Established

- ARCI Hyderabad
- CECRI
- CIBA
- VSSC, Trivandrum
- NASSCOM ER&D

Project Submitted - Status

Proposal Submission Details CY 2025 as on November'25		
Agency - Scheme Details	Submission count	Status
AICTE		
AICTE Research Promotion Scheme (RPS)	3	NOT Known
VAANI	8	1 Sanctioned
ANRF		
Advanced Research Grant	24	1 Sanctioned
ARG MATRICS	16	Not Known
Convergence Research Centres of Excellence (CoE)	2	Under review
Prime Minister Early carrer Research Grant	35	Rejected
DBT		
Bio E3 - Smart Proteins	2	1 Under Review
Biomanufacturing of Bio-Based Chemicals, Biopolymers and Active Pharmaceutical Ingredients (APIs) in Production Strains'	2	Rejected
Climate Resilient Agriculture	2	Under review
DBT NER programme	1	Under review
Emerging Frontiers in Biotechnology	6	Under review
Frontiers in Biotechnology	2	Under review
Futuristic Marine Research	1	Under review
Theoretical and Computational Intelligence	1	Under review

Project Submitted - Status

Proposal Submission Details CY 2025 as on November'25

DST	Total	Status
Advanced Manufacturing Technologies	2	Rejected
Advanced Research Grant	1	Rejected
DST Young Scientist Scheme	3	Rejected
DST-NQM Project	1	Under review
FIST	1	Rejected
National Quantum mission	2	Rejected
Quantum Computing	1	Under Review
Setting up Undergraduate Teaching Laboratories in Quantum Technologies under National Quantum Mission (NQM)	2	Under Review
SHRI	1	Under Review
SUNIL	2	Under Review
SYST Young Scientist	5	Under Review
Waste Management Technologies	7	Under Review
Young Scientist & Technologist (SYST) Scheme	18	Under Review
ICMR		
ICMR small grant	1	Under Review

Project Submitted - Status

ICSSR	Total	Status
Family and Family Systems in India	18	Rejected
Guidelines for Multi-Disciplinary Studies on Particularly Vulnerable Tribal Groups (PVTGs) of India (2024-25)	1	Sanctioned
Multi-Disciplinary Studies on Particularly Vulnerable Tribal Groups (PVTGs)	1	Under review
Punyashloka Devi Ahilyabai Holkar Special Call for Women-Led Research on Women-Led Development	5	Under review
SUNIL	1	Under review
Indian Knowledge Systems Division		
Indian Knowledge Systems Division	1	Under review
ISRO		
Respond Basket	7	Under review
Meity		
Cyber Security	7	Under review
NATIONAL BOARD FOR HIGHER MATHEMATICS		Under review
RESEARCH PROJECT	6	Under review
TNSCST		
APPLICATION FOR THE GRANT OF PARTIAL FINANCIAL ASSISTANCE UNDER POPULARIZATION OF SCIENCE ACTIVITIES	1	Under review
DISSEMINATION OF INNOVATIVE TECHNOLOGY	1	Under review
Innovation and Product Development 2025	2	Under review
PARTIAL FINANCIAL GRANT FOR "SEMINAR/ SYMPOSIA/ WORKSHOP/ CONFERENCE	1	Under review
Grand Total	204	

Research Centre - Progress Report

Centre for Molecular Photoscience

- Centre Head Name : Dr. A. Kathiravan
- Research Centre Thrust area : Photoscience
- No. of Scholar Working in Lab (full time): 04
- No of Q1 Publication in 2025 : 01
- Other Publications in 2025 : 04
- No of Patent Filed in 2025: 01
- No of patent Granted in 2025: -
- On going Sponsored Projects : 01
- Proposal Submitted & their Status in 2025 : 02

Centre for High-Speed Aerodynamics

- Centre Head Name : Dr. A. Selwin Mich Priyadharson
- Research Centre Thrust area : Industrial Automation, Process Control, Agricultural Engineering
- No. of Scholar Working in Lab (full time): One JRF
- No of Q1 Publication in 2025 : One SCIE Q2 Article
- Other Publications in 2025 : Two scopus indexed conference proceedings
- No of Patent Filed in 2025: One patent filed and published
- No of patent Granted in 2025: One patent granted

Center for Bioenergy and Bioproducts

- Centre Head Name : Dr.R.Ravikumar
- Research Centre Thrust area : Bioenergy- Biomethane , Functional Food, Enzyme production
- No. of Scholar Working in Lab (full time): 04
- No of Q1 Publication in 2025 : Nil
- Other Publications in 2025 :03
- No of Patent Filed in 2025: 01
- No of patent Granted in 2025: Nil
- On going Sponsored Projects : 1 Accepted (BioE3-Enzyme DBT-BIRAC)

Research Centre - Progress Report

Centre for Composites Materials Research

- Centre Head Name : Dr SOUNDHAR A (TTS 3874)
- Research Centre Thrust area : CENTRE FOR COMPOSITE MATERIALS RESEARCH
- No. of Scholar Working in Lab (full time): NIL
- No of Q1 Publication in 2025 : 03 (Q1)
- Other Publications in 2025 : 03 (Q2)
- Total Publications in 2025: 06
- No of Patent Filed in 2025: 02
- No of patent Granted in 2025: NIL
- On going Sponsored Projects : 02

Centre for Materials and Manufacturing

- Centre Head Name : Dr. Arun Prasad. M
- Research Centre Thrust area : Metal foams, Thermal Energy Storage, Powder Metallurgy, Additive Manufacturing, Composite Materials
- No. of Scholar Working in Lab (full time): 1
- No of Q1 Publication in 2025 : 3
- Other Publications in 2025 : 8
- No of Patent Filed in 2025: 1
- No of patent Granted in 2025: 0
- On going Sponsored Projects : 1

Centre for Battery Engineering

- Centre Head Name : Dr. Divya D.
- Research Centre Thrust area : Coin-cell Batteries, Gel electrolytes, Supercapacitors, Corrosion, Impedance, Theoretical DFT studies, Spectroscopy.
- No of Q1 Publication in 2025 : 02
- Other Publications in 2025 : 03
- No of Patent Filed in 2025: Submitted 01 to the office of R&D
- No of patent Granted in 2025: Received FER and submitted the response file to the office of R&D
- On going Sponsored Projects : Consultancy project with Iniciotek (Rs. 1,64,020.00/-)

Research Centre - Progress Report

Centre for Materials Research

- Centre Head Name : Dr. J. Gajendiran
- Research Centre Thrust area : Nanomaterials for photocatalytic applications
- No. of Scholar Working in Lab (full time): 4 (1 scholar- synopsis completed)
- No of Q1 Publication in 2025 : 12 Q1 (WOS)
- Other Publications in 2025 : 5 (Q2-4, Q3-1), 2-Book chapter
- Proposal Submitted & their Status in 2025 : 1-IUAC and 1-ISRO (under evaluation)

Centre For Thermal Management

- Centre Head Name : Dr. A. Saranya
- Research Centre Thrust area : Thermal Applications, Supercapacitors, Therapeutic Applications, Nano coatings
- No. of Scholar Working in Lab (full time): 3
- No of Q1 Publication in 2025 : 2
- Other Publications in 2025 : 8
- No of Patent Filed in 2025: NIL
- Proposal Submitted & their Status in 2025 : NIL
- Seed Money Received in 2025 (Including Top up Grant in lakhs): Rs. 1,00,000.00

Centre of Health Management information System

- Centre Head Name : Dr. R. Kishore Kanna
- Research Centre Thrust area : Cognitive Computing & Health Informatics
- No. of Scholar Working in Lab (full time): -
- No of Q1 Publication in 2025 : 2
- Other Publications in 2025 :20 [WoS- 2-Q3,1-Q4] [Scopus -2-Q1, 1-Q2,3-Q4] [Scopus Conference- & Book Chapter-11]
- No of Patent Filed in 2025: 3
- No of patent Granted in 2025: 0
- On going Sponsored Projects : 1

Research Centre - Progress Report

Centre for Energy Harvesting and Fluid Engineering

- Centre Head Name : Dr. Mohamed Iqbal Shajahan
- Research Centre Thrust area : Heat transfer, Solar Thermal technology, Building and electronic cooling, Hydrogen technology.
- No. of Scholar Working in Lab (full time): 2
- No of Q1 Publication in 2025 : 6
- Other Publications in 2025 : 2
- No of Patent Filed in 2025: 1
- No of patent Granted in 2025: Nil
- On going Sponsored Projects : 1

Centre for Autonomous System Research (CASR Lab)

- Centre Head Name : Dr. Surendar
- Research Centre Thrust area : Unmanned Systems (Drones/ UAVs) and Robotics
- No of Q1 Publication in 2025 : In Review: 1
- Other Publications in 2025 : In Review: 05 | Accepted: 03 | Published: 03
- No of Patent Filed in 2025: Filed: 03 | Published: 04 | FER Completed: 01
- On going Sponsored Projects : 03 (ISRO – 1; DBT – 02 in all combined the Veltech part is Rs.127 Lakhs)

Centre for Biomedical Signal Processing

- Centre Head Name : Dr. A. Bakiya
- Research Centre Thrust area : Biomedical Signal/ Image Processing
- No. of Scholar Working in Lab (full time): 01
- No of Q1 Publication in 2025 : 01 (Non-Claiming)
- Other Publications in 2025 : 04
- No of Patent Filed in 2025: 01 (Published)
- No of patent Granted in 2025: Nil
- On going Sponsored Projects : 01

Research Centre - Progress Report

Healthcare Technology Innovation Centre

- Centre Head Name : Dr. M. Valliammai
- Research Centre Thrust area : Biosensor
- No. of Scholar Working in Lab (full time): 01
- No of Q1 Publication in 2025 : 01
- Other Publications in 2025 : 02
Scopus
- No of Patent Filed in 2025: 02
- No of patent Granted in 2025: Nil
- On going Sponsored Projects : 01

Centre for Antenna and Electronic Materials

- Centre Head Name : Dr.R.Prasanna
- Research Centre Thrust area : Antennas and Electronic Materials
- No. of Scholar Working in Lab (full time): Nil
- No of Q1 Publication in 2025 : Nil
- Other Publications in 2025 : 2
- No of Patent Filed in 2025: 2
- No of patent Granted in 2025: 1
- On going Sponsored Projects : 2

Centre for Additive Manufacturing

- Centre Head Name : Dr. Praveen A. S.
- Research Centre Thrust area : 3D printing of Ceramics/Polymers, Bone Tissue Engineering, Surface coating
- No. of Scholar Working in Lab (full time): 01
- No of Q1 Publication in 2025 : 01
- Other Publications in 2025 : 02
- No of Patent Filed in 2025: 01
- Proposal Submitted & their Status in 2025 : 03 (02 - Under Review, 01 – Review completed (Result not declared))

Research Centre - Progress Report

Centre for Metabolic Engineering and Synthetic Biology

- Centre Head Name : Dr. Mugesh Sankaranarayanan
- Research Centre Thrust area : Metabolic engineering, Synthetic Biology, Biorefinery and Fermentation technology
- No. of Scholar Working in Lab (full time): 3
- No of Q1 Publication in 2025 : 1
- Other Publications in 2025 : 4
- No of Patent Filed in 2025: 4
- No of patent Granted in 2025: Nil
- On going Sponsored Projects : 2

Center for Interfaces & Nanomaterials

- Centre Head Name : Dr. Mugesh Sankaranarayanan
- Research Centre Thrust area : Metabolic engineering, Synthetic Biology, Biorefinery and Fermentation technology
- No. of Scholar Working in Lab (full time): 3
- No of Q1 Publication in 2025 : 1
- Other Publications in 2025 : 4
- No of Patent Filed in 2025: 4
- No of patent Granted in 2025: Nil
- On going Sponsored Projects : 2

Centre for IoT & Expert systems

- Centre Head Name : Kanagachidambaresan G.R
- Research Centre Thrust area : IoT and Expert systems
- No. of Scholar Working in Lab (full time) : 5
- No of Q1 Publication in 2025 : NIL
- Other Publications in 2025 : 2 (SCI) , 1 Book
- No of Patent Filed in 2025: 3
- No of patent Granted in 2025: 1
- On going Sponsored Projects : 1 -DBT-9
- Proposal Submitted & their Status in 2025 : 5

Centre for Antenna and Electronic Materials Technology/Product development details-2025

Sl.No	Product development details	Industry partner
1	Development of RadioSonde for weather monitoring applications	ISRO SDSC SHAR, Sriharikota
2	Development of multi frequency band antenna development for Radio Silence project	ISRO SDSC SHAR, Sriharikota
3	Development of fog lines by using industrial glass waste	FUSO Glass India Pvt Ltd
4	Development of graphene from leather waste for electrode applications	CSIR-CLRI, Chennai
5	Development of quantum material based electrodes for hydrogen extraction applications	TNAU, Coimbatore
6	Development of graphene electrode for ECG/ EEG applications (Voucher-A)	EDII-TN

Centre for Antenna and Electronic Materials
Technology/Product development details-2025

Sl.No	Product development details	Industry partner
7	Development of underwater autonomous vehicle for multi observation application	IIT Guwahati-TIH
8	Development of thin film heat dissipater for launch vehicle applications	ISRO URSC
9	Metallic/graphene coating CFRP substrates for high frequency antenna reflectors applications	ISRO VSSC Trivandrum
10	Development of heat sink for antenna applications	ISRO VSSC Trivandrum
11	Development of Transparent antenna for satellite applications	Celestial Aerospace, Germany
12	Development of graphene skin for payload applications	Grahas Aerospace Pvt Ltd

CoE on IoT and Smart Factory Initiatives

Name of the Product: Universal IoT Trainer Kit

Delivered to: Ashok Leyland Ltd., Ennore Mfg. Plant Ennore, Chennai-600057.

Amount: Rs.41,890.00/-

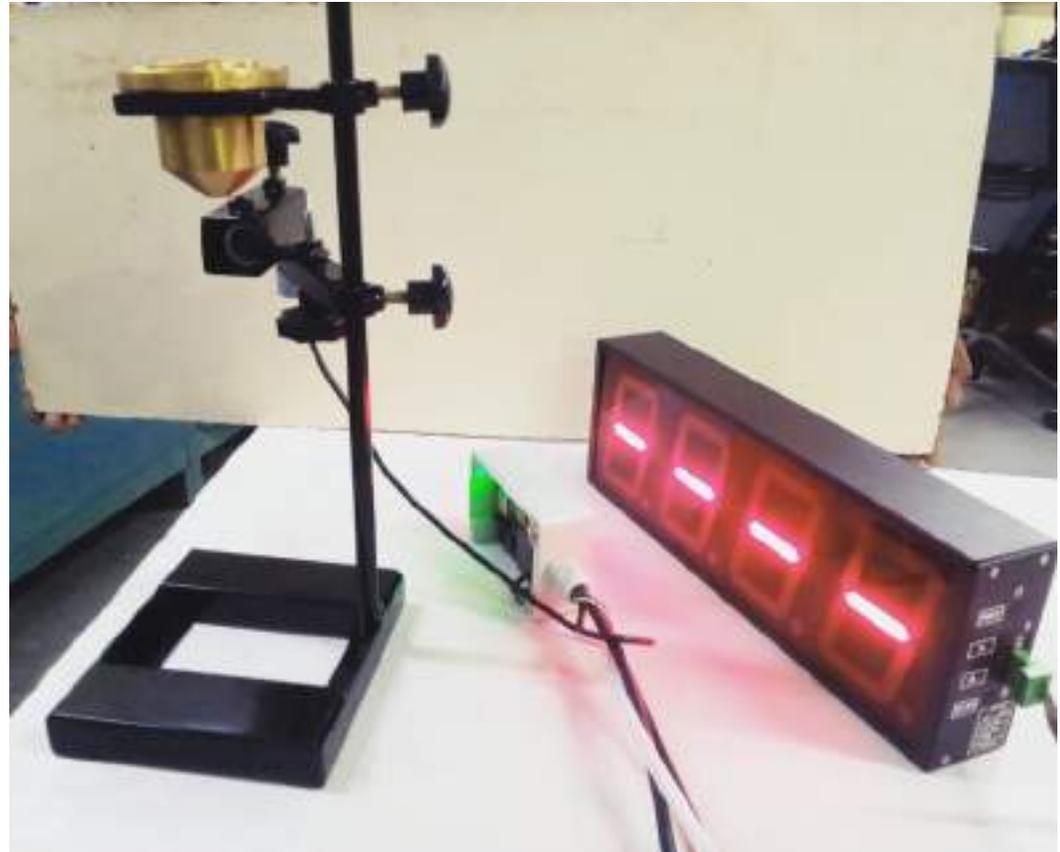


CoE on IoT and Smart Factory Initiatives

Name of the Product: Smart Viscosity IoT System

Delivered to: Ashok Leyland Ltd., Ennore Mfg. Plant Ennore, Chennai-600057.

Amount: Rs.92,040.00/-



CoE on IoT and Smart Factory Initiatives

Name of the Product: Sand Plant Temperature Monitoring System

Delivered to: Ashok Leyland Ltd., Ennore Mfg. Plant Ennore, Chennai-600057.

Amount: Rs.58,292.00/-

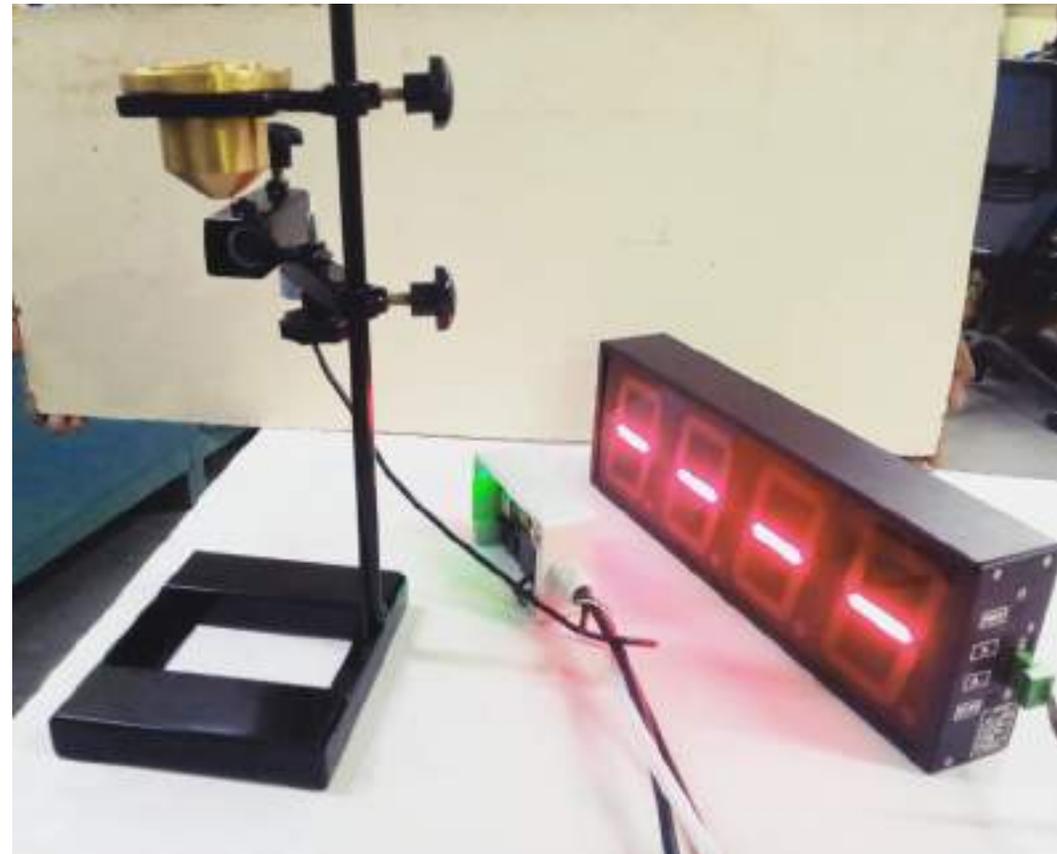


CoE on IoT and Smart Factory Initiatives

Name of the Product: Smart Viscosity IoT System

Delivered to: Ashok Leyland Ltd Foundry Divn-SPU, Sriperumbudur-602105

Amount: Rs.92,040.00/-



CoE on IoT and Smart Factory Initiatives

Name of the Product: Hopper Sand Temperature data monitor

Delivered to: Ashok Leyland Ltd Foundry Divn-SPU, Sriperumbudur-602105

Amount: Rs.97,528.00/-





Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



VEL TECH TECHNOLOGY INCUBATOR

Journey of Vel Tech TBI

2010

- TBI Recognized by DST – NSTEDB
Rs. 5 Crore
- Established Incubation and waste management facility

2013

- Established e-waste/ Plastic recycling Centre
- 12 Startups Supported & 8000 people given training

2015

- DST – SSS – Financial Support **Rs. 2 Crore**

2017

- NIDHI-PRAYAS
Rs. 7 Crore
- Supported idea stage innovation

2019

- MeiT y TIDE 2.0
Rs. 1.7 Crore
- Financial support for ICT innovations

2021

- Startup India Seed Fund SISFS
Rs. 5 Crore
- Early stage funding for DPIIT recognized Startups

2023

- Startup India Seed Fund SISFS
Rs. 5 Crore
- Early stage funding for DPIIT recognized Startups

2023

- Startup India Seed Fund SISFS
Rs. 5 Crore
- Early stage funding for DPIIT recognized Startups

2024

- MeiT y Investment Grant
Rs. 1.05 Crore Financial support

2025

EDI TN funded **Rs. 79 Lakhs** to 25 start-ups under Voucher A & B Innovation Programme

Programs implemented by Vel Tech TBI

NIDHI PRAYAS

- 82 Innovations Supported
- 5 Crore Fund Supported
- 8.84 Crore of Ad on funding raised
- 43 IPR Filed and 3 Patent Granted
- 40 National Recognitions received

DST Seed Support System

- 18 Innovations Supported
- 2.8 Crore Fund Supported
- 8 crore of Ad on funding raised
- 3 IPR Filed and 1 Patent Granted
- 12 National Recognitions received

Meity TIDE 2.0 (G3C)

- 12 Innovations Supported
- 66 Lakh Fund Supported
- 1.5 Crore of Ad on funding raised
- 3 IPR Filed and 1 Patent Granted
- 10 National Recognitions received

Startup India Seed Fund

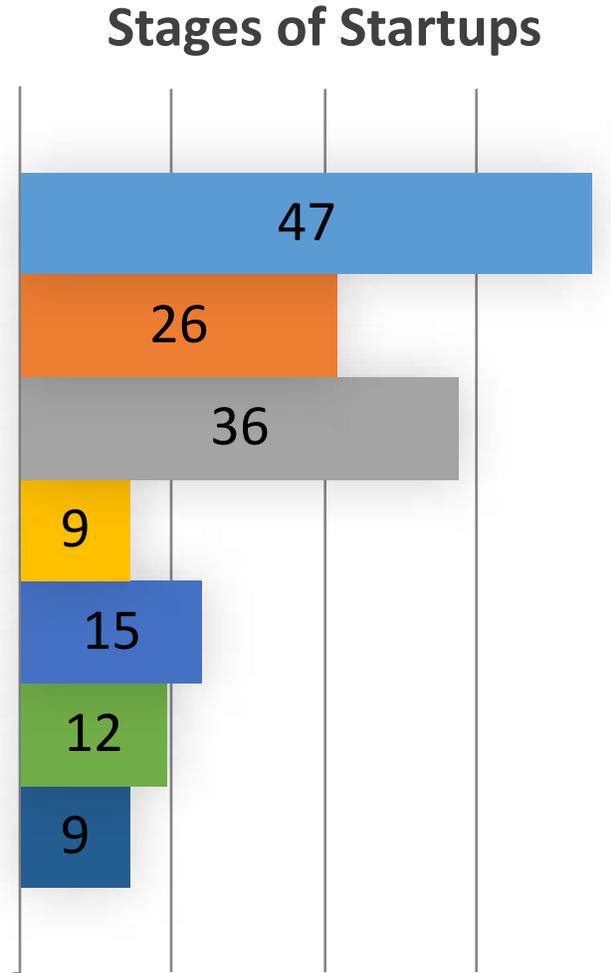
- 58 Innovations Supported
- 10 Crore Fund Supported
- 3 Crore of Ad on funding raised
- 10 IPR Filed and 3 Patent Granted
- 15 National Recognitions received



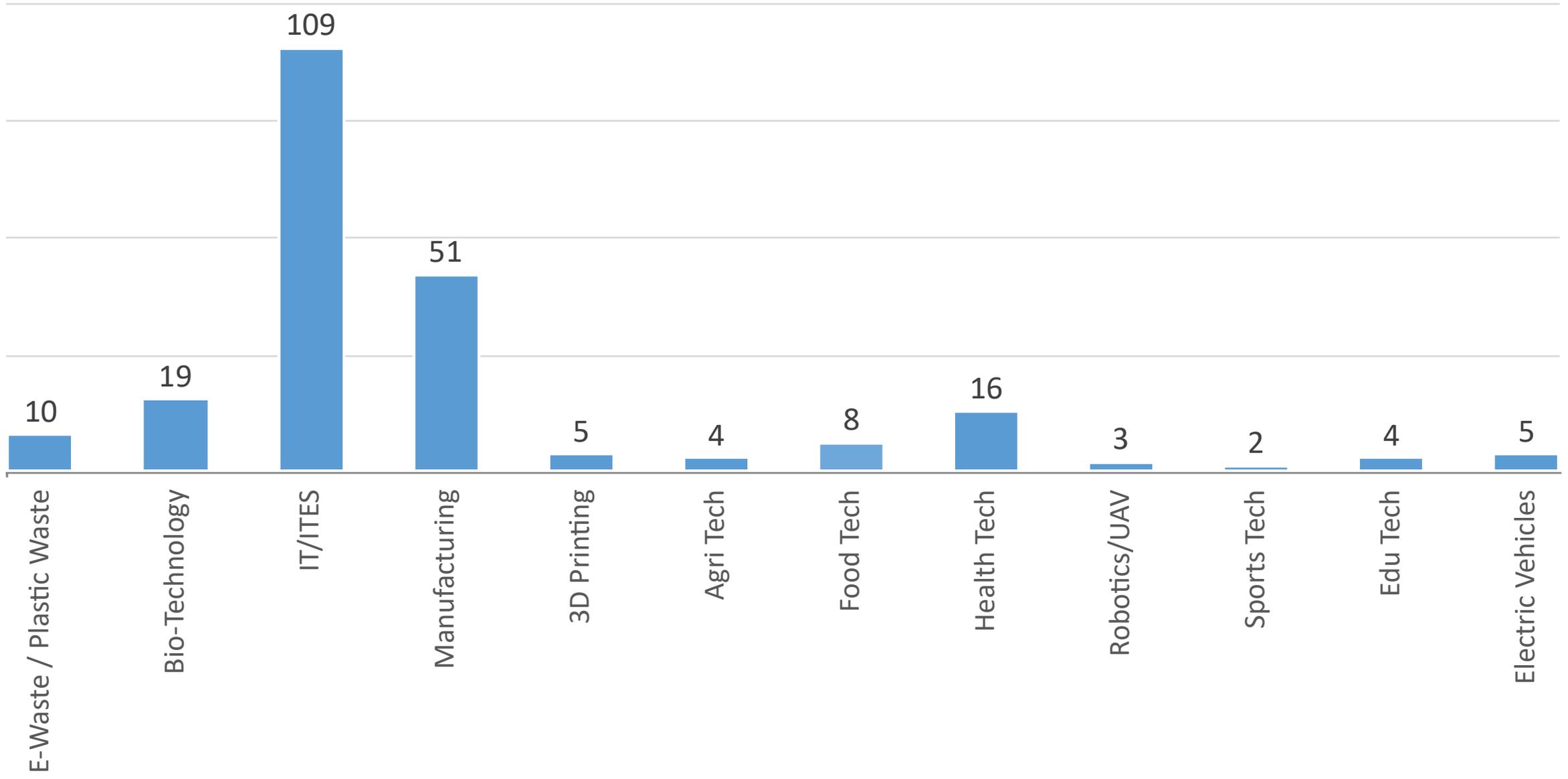
Incubatees Admitted (2023-2025)

Year	Startups Incubated
2023	50
2024	30
2025	74
Total	154

Startup Supported (2023-2025)	154
Physical Supported	71
Virtual engaged	83
Active	149
Graduated	15
Dropped	05
Women	42
Student	39
Faculty	24



Start-Ups Supported(Thrust Areas)



Facility Created to Support Innovation and Entrepreneurship (I&E)

- CoE for Manufacturing
- E-waste and Plastic waste recycling facility
- Additive Manufacturing facility
- CoE for SMD & SMT Technologies
- CoE for AI, ML & DL – Supported by NVIDIA
- CoE for Autonomous Systems (Drones and UAVs)
- CoE for NDT Centre

NIDHI - EMS Facility

•Expertise in:

- Design & Development of PCB (Software & Firmware)
- Prototype, Low-Volume, High-Volume and Turnkey PCB Assembly
- PCB Design, Stimulation, firmware Development and Gerber Generation.
- Single and Double - Sided Assembly
- Surface Mount (SMT), Through-hole (THT), and mixed technologies, Conformal coating, Shield Cover Assembly for EMI Emission Control
- Ball Grid Array (BGA) 0.35mm pitch, POP Packaged Components
- RoHS- Compliant and leaded Compliant
- Technical Program Management



NIDHI - Manufacturing CoE

- **1.Startup** – Prototype development(34 Startups benefited)
- **2. Skill Development courses on**
 - i. CNC Programming and Operational Techniques
 - ii. Advanced Welding Techniques

Partnered with

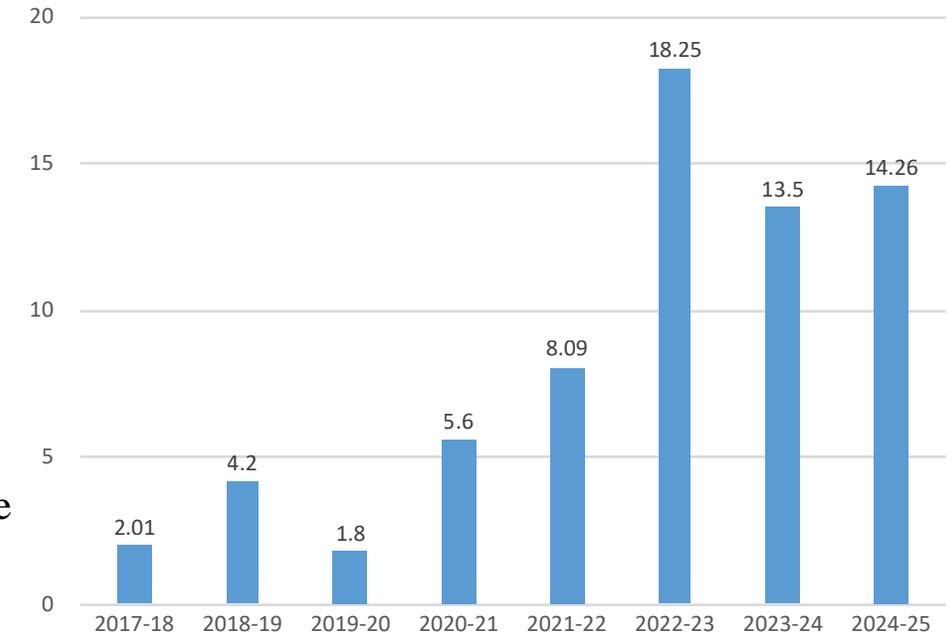
1. SIDCO Womens Industrial Estate
2. Ambattur Component manufacturers Association
3. ARKO Engineering
4. KVR Industries
5. Jeeva Industries
6. AIMA
7. MSMES
8. VPM Engineering
9. Diamond Fabtech
10. Techmake Industries



Revenue generation through the Manufacturing equipments

- CNC Horizontal Machining Centre
- CNC Vertical Machining Centre MCV-350
- CNC Vertical Machining Centre MCV-400
- CNC Turning Centre
- CNC High Speed Moving Column VMC
- CNC 5 Axis Vertical Machining Centre
- Plastic Injection Moulding Machine
- Heavy Duty Double Column Bandsaw Machine

Revenue generated in lakhs



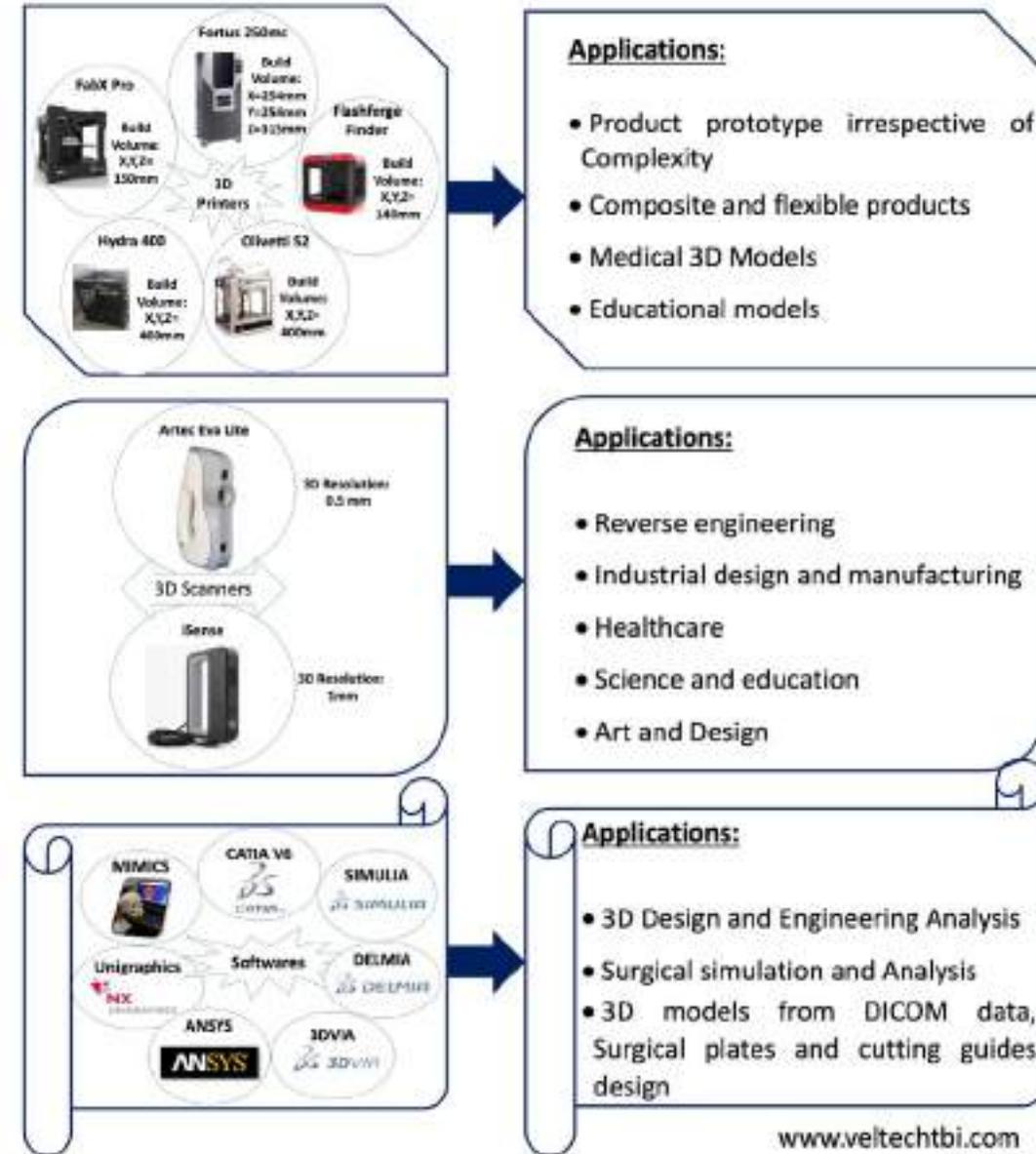
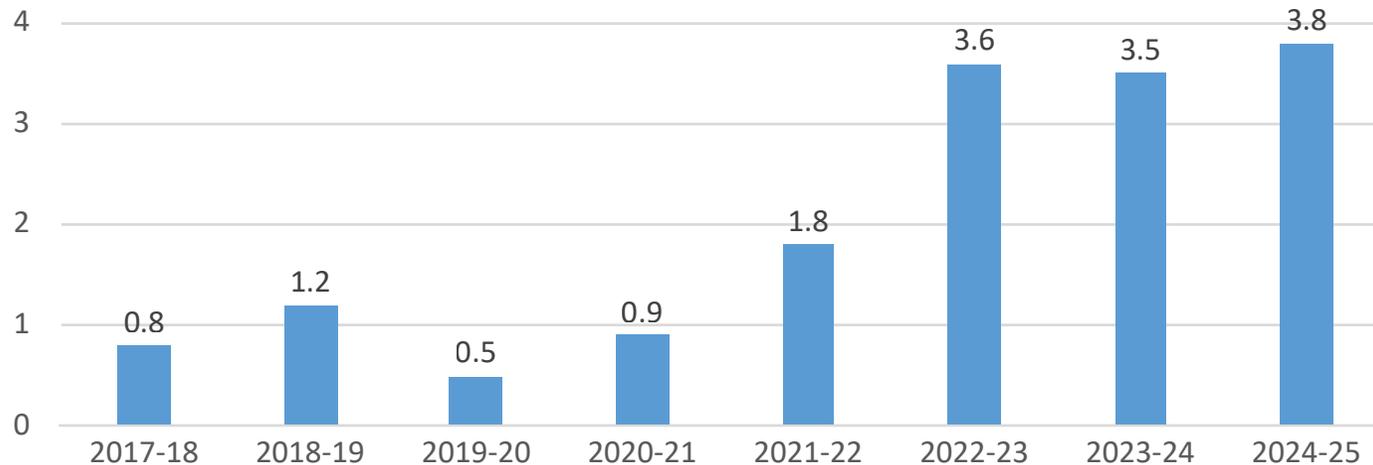
NIDHI - 3D Printing Facility

Expertise in:

1. Supported 20 + Startups for their PoC Development
2. Associated With Ramachandra Medical University for MIMICS Software Utilization
3. Skill Development courses on Additive Manufacturing



Revenues Generated in lakhs



Centre for AI research and Business Solution

KEY FACILITY

- **Cutting-Edge Technology:** Equipped with Nvidia GPUs and software platforms, enabling high-performance computing for AI applications.
- **Hands-On Learning:** Provides students and researchers with access to state-of-the-art tools and resources for developing AI models and algorithms.
- **Collaborative Research:** Encourages partnerships between students, faculty, and industry experts to drive advancements in AI and machine learning.
- **Training Programs:** Offers workshops and courses focused on AI and deep learning, enhancing skills for future careers in technology.
- **Innovation Hub:** Serves as a space for experimentation and development of AI solutions to address real-world challenges.



Partnered with

1. Boston IT Solutions
2. Crystal Delta

Institution Innovation Council (IIC)

- ❖ Established in 2018 with the support of the **Ministry of Education & AICTE**, the Institution's Innovation Council (IIC) has been actively promoting innovation and entrepreneurship across the campus.
- ❖ **52 faculty members** trained and recognized as “**Innovation Ambassadors**”
- ❖ **Star Ratings Achieved:**
 - ❖ *2018-19*: 4 Star
 - ❖ *2019-20*: 5 Star
 - ❖ *2020-21*: 5 Star
 - ❖ *2021-22*: 4 Star
 - ❖ *2022-23*: 3.5 Star
 - ❖ *2023-24*: 4 Star
- ❖ **390+ events** conducted on Innovation & Entrepreneurship
- ❖ Institutional **Innovation and Startup Policy** aligned with **NISP, MHRD-MIC**
- ❖ Overall **10000 + Students & 1400 + Faculty** benefitted in Innovation / Entrepreneurship programs
- ❖ Mentoring support extended to **8 adopted institutes**
- ❖ Featured in **NIRF Innovation Ranking Band 11–50**
- ❖ **14 collaborations** established with institutes and organizations to foster innovation and entrepreneurship

ACTIVE MENTORS



Prof. Mandi Prasad
Professor of Student Start-ups @ IIM Mumbai



Mr. Ramasubramanian
Angel investor



Mr. Ashwin Badri
CTO, Blaer Motors



Mr. Chandran Krishnan
Managing Director & CEO
- Campus Angels Network



Dr. Senthil Kumaran
Professor, IIITDM



Mr. Balram Nair
Partner | Early Hustle
Ventures, Capital
Architects & Co-Founder



Mr. Ponmanivannan
Consulting and advisory
Innovation & IPR, KM,
Digital transformation, SDG
in organisation



Sujaya Rao
Cofounder - Teenr, EDII-
TN Master Trainer &
Startup Mentor



Dr. Shankar Venugopal
Vice President @ Mahindra
& Mahindra



Dr. Aravind
Automotive
Manufacturing
(Machining) Expert



Ms. Boshi Kaviya
Legal Expert



Mr. Eswar
Nirvaaha Consultant
Legal Expert

Strategic Partners



Thank you

Contact us:

Vel Tech Technology Incubator (Vel Tech TBI)

Research park 2nd floor, Vel Tech campus

E-Mail : veltechbi@veltech.edu.in

Follow us on : www.veltechtbi.com

 : @TBI_veltech

 : @veltechtbi24

About Vel Tech TBI

Vel Tech Technology Incubator (Vel Tech-TBI), catalyzed and supported by the Department of Science and Technology (DST), NSTEDB Division, Government of India, empowers technology-driven and innovation-led startups to survive, grow, and scale. We provides comprehensive support across diverse thrust areas through funding assistance, infrastructure, mentorship, industry networking, access to resources, and capacity-building programs.

Vel Tech TBI Impact

432/74(2025)-7 Pipeline

Incubated Startups

15

Angel Investors & VCs

45+

Women-led Startups

390+

Events

150+

Awards & Recognitions

96+

Partnership

217

Funded Startups

226

Lakh(2025)

Active Startups

39+

Student Startups

24+

Faculty Startups

1600+

Permanent Jobs Created by Vel Tech Incubatees

60

Mentors – International & National

115 / 500 (Pipeline)

Patent Filed

447 Lakh/ 106

Income generated

27Cr

External Fund raised

Key Functions of Vel Tech TBI:

- Incubation support with zero equity and zero fee model
- Management of national & state funding schemes (SISFS, SSS, NIDHI PRAYAS, MeitY TIDE 2.0, EDII Voucher A & B)
- Mentorship and networking with industry experts
- Organizing entrepreneurship training, pitch events, and innovation showcases
- Managing CoEs and advanced labs in AI, PCB, 3D printing, and manufacturing
- IP Support to start-ups



FACULTY EXIT INTERVIEW FORM

Dear Colleague,

We thank you for the contributions you made during your employment at Vel Tech. We hope that you take a moment to complete the exit interview form. The goal of this survey is to gather valuable information to enhance employment practices and improve working conditions at Vel Tech. You can contribute to this by providing us with your honest opinions about your working experience. The information you furnish will be kept confidential.

Faculty Name: Dr. R. Remya TTS No: TTS 3619 Department: ECE

Date of Joining: 05.06.2023 Date of Leaving: 24.5.2025

1. For which of the following reasons are you leaving Vel Tech? (mark all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Career change | <input type="checkbox"/> Maternity leave |
| <input type="checkbox"/> Personal health issues | <input type="checkbox"/> Expectations were not met |
| <input type="checkbox"/> Lack of recognition for work | <input checked="" type="checkbox"/> Family or personal needs |
| <input type="checkbox"/> Laid off | <input type="checkbox"/> Retirement |
| <input type="checkbox"/> Anticipated denial of tenure | <input type="checkbox"/> Pay dissatisfaction |
| <input type="checkbox"/> Higher Studies | <input type="checkbox"/> Others - _____ |

2. Please answer the questions below using the rating scale provided:

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Rating
5	4	3	2	1	
a) My work experience was what I expected, based on the information received during the hiring process					5
b) I felt that my role was important.					5
c) I had sufficient equipment/resources to successfully perform my job.					5
d) I received recognition from my higher authorities for my work accomplishments.					5
e) The process used to conduct my self-appraisal was fair and objective					5
f) My colleagues treated me with respect.					5
g) My healthcare benefits were reasonably competitive.					5
h) My overall experience working for Vel Tech was rewarding					5

3. Choose any three areas which are significant in your perception we should focus on improving in order to make a better place to work (3 – highest, 2 – median & 1 – lowest).

Benefits

3 Salary

Training Opportunities

Feedback about Job Performance

4. Do you think your department has the required number of qualified people to do the work expected of it?

No, we need additional qualified people

Yes, there was the required number of qualified people

No, there were excess qualified people than needed

5. Have you already accepted a position for employment elsewhere? Yes/No

6. In what type of organization will you be working?

Another college or university

The private sector (e.g., business, industry)

A governmental organization

A non-profit organization

Self employment

Others

7. Have your challenges resolved? Yes/No

8. Did you witness any harassing or discriminatory behaviour during the service? Yes/No

9. Have you treated fairly and with respect during your employment at Vel Tech? Yes/No

10. Do you feel that Vel Tech welcomes people of different cultures and beliefs? Yes/No

11. Would you recommend employment in your department or at Vel Tech to a friend or colleague? Yes/No

12. Would you consider working for Vel Tech in the future? Yes/No

13. Suggestions and Comments:

a) What was most satisfying about your job?

I gathered hands-on experience in IoT Lab (Research Park)
It gave me a lot of satisfaction in my research field

b) What would you change about your job?

Nil

c) What would you improve to make our workplace better?

Nil. Already both the lab & class are well equipped. I felt very happy to work here for the past two years

d) Additional comments that you believe will assist us in maintaining and improving the working environment.

Nil. Because of my family situation only. I planned to migrate. It is a very good working environment to upgrade the knowledge.

Ravi
Signature



FACULTY EXIT INTERVIEW FORM

Dear Colleague,

We thank you for the contributions you made during your employment at Vel Tech. We hope that you take a moment to complete the exit interview form. The goal of this survey is to gather valuable information to enhance employment practices and improve working conditions at Vel Tech. You can contribute to this by providing us with your honest opinions about your working experience. The information you furnish will be kept confidential.

Faculty Name: DR R. KALA TTS No: 2956 Department: Mathematics

Date of Joining: 27/01/2020 Date of Leaving: 25/08/2024

1. For which of the following reasons are you leaving Vel Tech? (mark all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Career change | <input type="checkbox"/> Maternity leave |
| <input type="checkbox"/> Personal health issues | <input type="checkbox"/> Expectations were not met |
| <input type="checkbox"/> Lack of recognition for work | <input checked="" type="checkbox"/> Family or personal needs |
| <input type="checkbox"/> Laid off | <input type="checkbox"/> Retirement |
| <input type="checkbox"/> Anticipated denial of tenure | <input type="checkbox"/> Pay dissatisfaction |
| <input type="checkbox"/> Higher Studies | <input type="checkbox"/> Others - _____ |

2. Please answer the questions below using the rating scale provided:

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Rating
5	4	3	2	1	
a) My work experience was what I expected, based on the information received during the hiring process					5
b) I felt that my role was important.					5
c) I had sufficient equipment/resources to successfully perform my job.					5
d) I received recognition from my higher authorities for my work accomplishments.					5
e) The process used to conduct my self-appraisal was fair and objective					5
f) My colleagues treated me with respect.					5
g) My healthcare benefits were reasonably competitive.					5
h) My overall experience working for Vel Tech was rewarding					5

3. Choose any three areas which are significant in your perception we should focus on improving in order to make a better place to work (3 – highest, 2 – median & 1 – lowest).

Benefits 2 Salary 2

Training Opportunities 3 Feedback about Job Performance 2

4. Do you think your department has the required number of qualified people to do the work expected of it?

- No, we need additional qualified people
 Yes, there was the required number of qualified people
 No, there were excess qualified people than needed

5. Have you already accepted a position for employment elsewhere? Yes/ No

6. In what type of organization will you be working?

- Another college or university
 The private sector (e.g., business, industry)
 A governmental organization
 A non-profit organization
 Self employment
 Others

7. Have your challenges resolved? Yes / No

8. Did you witness any harassing or discriminatory behaviour during the service? Yes / No

9. Have you treated fairly and with respect during your employment at Vel Tech? Yes / No

10. Do you feel that Vel Tech welcomes people of different cultures and beliefs? Yes / No

11. Would you recommend employment in your department or at Vel Tech to a friend or colleague? Yes / No

12. Would you consider working for Vel Tech in the future? Yes / No

13. Suggestions and Comments:

a) What was most satisfying about your job?

I was able to work peacefully with my own way of teaching.

b) What would you change about your job?

Looking for more research activities.

c) What would you improve to make our workplace better?

Research with funding would help improve workspace better.

d) Additional comments that you believe will assist us in maintaining and improving the working environment.

Feel comfortable with the present scenario & thanking for the same.

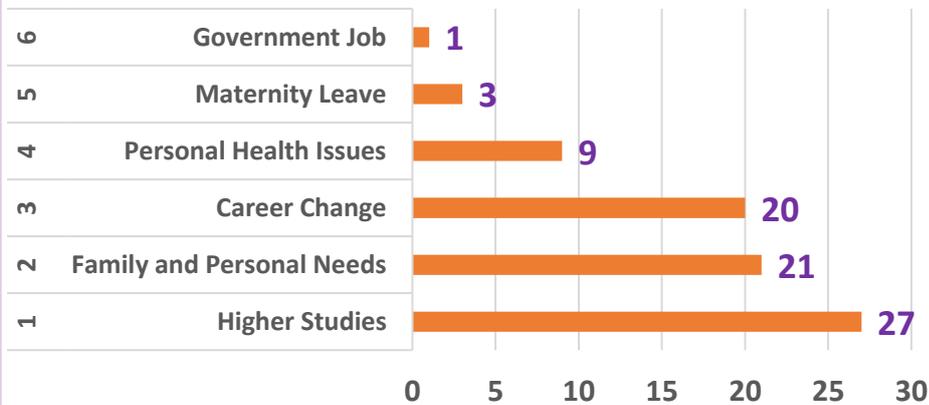
Signature [Signature] 3/1/08



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Est. u/s 3 of UGC Act, 1956)

Faculty Exit Interview Analysis		
S.No.	Parameters	May / June2025 (End of Last AY 2024-25)
1	Higher Studies	27
2	Family and Personal Needs	21
3	Career Change	20
4	Personal Health Issues	9
5	Maternity Leave	3
6	Government Job	1
Total		81

**Faculty Resigned during May / June2025
(End of Last Academic Year)**





FACULTY RETENTION POLICY

1. Preamble

The Institution firmly believes that qualified, committed, and motivated faculty members are the backbone of academic excellence, research innovation, and institutional reputation. Retaining experienced faculty ensures continuity in teaching–learning processes, strengthens research culture, and supports sustainable institutional growth. This Faculty Retention Policy is framed to create a supportive, transparent, and motivating work environment that encourages long-term association, professional growth, and job satisfaction among faculty members.

2. Objectives

The objectives of the Faculty Retention Policy are to:

- Attract, retain, and nurture competent and experienced faculty members
- Ensure continuity and quality in teaching, research, and academic administration
- Promote professional development, research excellence, and career advancement
- Enhance faculty motivation, satisfaction, and institutional loyalty
- Reduce faculty turnover and minimize academic and administrative disruptions

3. Scope

This policy shall be applicable to:

- All full-time faculty members involved in Teaching and Research
- Faculty appointed on a regular basis across all departments of the Institution

4. Key Retention Strategies

4.1 Compensation and Benefits

- Salary and allowances shall be competitive and aligned with UGC / AICTE norms and institutional policies.
- Periodic revision of pay structure shall be considered based on performance, experience, and institutional capacity.
- Performance-based incentives, honoraria, and special allowances may be provided for exceptional academic and research contributions.

4.2 Career Progression and Promotion

- Transparent promotion policies shall be followed under the Career Advancement Scheme (CAS).
- Timely consideration for promotion shall be ensured based on eligibility, performance, research output, and experience.
- Opportunities shall be provided for faculty members to take up leadership roles such as Head of the Department, Program Coordinator, Dean, or other academic and administrative responsibilities.
- SEED funding shall be made available through the Research & Development (R&D) cell to encourage innovative research initiatives.

4.3 Professional Development

- Faculty members shall be encouraged and supported to participate in Faculty Development Programmes (FDPs), workshops, seminars, conferences, and training programmes.
- Financial assistance shall be provided for research publications, patents, and externally funded research projects as per institutional norms.
- Faculty members shall be encouraged to pursue higher studies, post-doctoral research, professional certifications, and skill enhancement programmes.

5. Research and Academic Support

- Adequate access shall be provided to research facilities, laboratories, library resources, e-journals, and software tools.
- Seed money and internal research grants shall be sanctioned to support research initiatives.
- Incentives shall be provided for publications in reputed journals and recognized indexing databases.
- An annual Research & Development Fund shall be allocated to faculty members demonstrating excellence in research and publications.

6. Work Environment and Institutional Culture

- Academic freedom shall be encouraged within the framework of institutional policies and regulatory norms.
- Faculty participation in decision-making processes shall be promoted through committees and academic bodies.
- A healthy work-life balance shall be facilitated through flexible academic scheduling wherever feasible.

- Transparent and effective grievance redressal mechanisms shall be in place to address faculty concerns promptly.

7. Recognition and Rewards

- Annual awards shall be instituted for teaching excellence, research contributions, and meritorious service to the Institution.
- Outstanding achievements shall be publicly recognized during institutional functions and events.
- Letters of appreciation and commendation shall be issued to motivate and acknowledge faculty achievements.

8. Welfare Measures

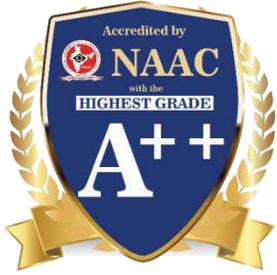
- Leave benefits like Special Leave, Maternity Leave, Medical Leave and encashment for earned leave shall be extended as per institutional leave rules and statutory norms.
- Medical health insurance coverage through Bajaj Allianz (or equivalent) shall be provided to all staff members.
- Welfare measures such as transport facilities and staff quarters shall be extended subject to availability.
- **Mother Fund:** A monthly contribution-based welfare scheme payable to the mother of the concerned faculty member.
- Interest-free salary advance equivalent to one- or two-months' salary may be provided under the Staff Welfare Fund.
- Gratuity shall be processed for faculty members upon completion of five years of continuous service, as per statutory provisions.

9. Performance Appraisal

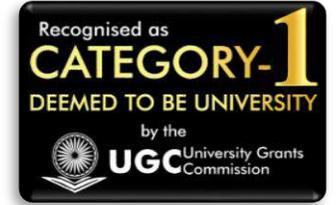
- An Annual Performance Appraisal System (APAS) shall be implemented for all faculty members.
- Performance evaluation shall focus on teaching effectiveness, research output, academic contributions, student feedback, and institutional service.
- Appraisal outcomes shall be linked to incentives, promotions, and career development opportunities.

10. Exit Management

- Structured exit interviews shall be conducted to understand the reasons for faculty attrition.
- Notice period and resignation procedures shall be governed by the terms and conditions of appointment.
- Genuine concerns raised during exit interviews shall be reviewed, and corrective measures shall be considered to improve retention strategies.



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



Office of Campus to Corporate

Placement Strategy

Current Status:

- Metric for Placement & Higher Studies (GPH) score is 22
- Median Salary (MS) score is 8.58

Proposed Improvement Strategy (Two-Fold Focus)

- **To Achieve Quantity**
 - Continuous semester-wise engagement (2 hours/day model)
 - Structured training in Spoken English, soft skills, aptitude, and core programming
 - Large-scale training of 600+ students for Dream and Super Dream categories
- **To Achieve Quality**
 - Increasing the **median salary by ₹1.5 lakh / year**
 - Preparation for Marquee and Pinnacle companies with 800+ programming problems

GPH & MS Comparison

Rank	Institution	GPH(40)	MS(25)
40	Shanmugha Arts Science Technology & Research Academy	35.14	12.9
41	Institute of Chemical Technology	29.43	13.6
42	Malaviya National Institute of Technology	31.51	15.5
43	UPES	27.61	11.3
44	Visvesvaraya National Institute of Technology, Nagpur	33.54	15.6
45	Saveetha Institute of Medical and Technical Sciences	14.87	9.04
46	Symbiosis International	32.25	12.6
47	Sri Sivasubramaniya Nadar College of Engineering	35.64	13.4
48	Lovely Professional University	30.09	12.5
49	National Institute of Technology Durgapur	38.31	15.8
50	National Institute of Technology Silchar	30.81	16.5
87	Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	22.03	8.58

Placement Strategy – 2027 YOP

A. 6th Semester B.Tech

Training Component	Present	Total Hrs.	Proposed	Hours per semester	Total Hrs.	School	Implementation Plan for 2027 YOP		
Spoken English + Soft Skills	Infosys Springboard	8+8	Infosys Springboard + Pro Speak / Cambridge English + Soft Skills	50+15 = 65	260	SoC	Mon – Fri (1 Hr./Day)	5 Hrs./Week = 15 weeks * 5 (Totally 75 Hrs.)	10213GE309/ Communicative English (OE) – 1 Credit
						SoEC	3 Hrs./Week (Week Days)	15 * 3 Hrs. = 45 Hrs.	
							2 nd and 4 th Saturdays (Totally 8 Saturdays)	8.45 am to 12.35 pm (4 Hrs. / Saturday) Totally 32 Hrs.	
Coding-Technical	Programming	60	Programming + Data Structures	60	240		Table B - SoC (Slide No. 3) Table C – SoEC (Slide No. 4)		
	Advanced	40	Full Stack Project Development (FSPD)	30	120				
Aptitude Skills + CCT*	Quantitative + Verbal Activity	12+60	No Change	-	-	As per usual plan at the end of the semester			

*CCT – Career Competency Training

Placement Strategy – 2027 YOP

B. School of Computing

No. of Students to be Trained	Target Companies	Training Agenda	Level	Training per day	Implementation Plan for 2027 YOP		
					Training per day	Total Hrs.	Courses
1500	Dream CTC – 6 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 400 programming Questions	Foundation	3 Hrs.	3 Hrs.	3 Hrs./Day = 15 Hrs./Week = 225 Hrs. for 15 Weeks	a) 10211CS292 – Applied Programming Skills (Program Elective) (75 Hrs. – 4 Credits)
	Super Dream CTC - 10 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 600 programming Questions	Core	4 Hrs.			b) 10211CS225 – Problem Solving and Testing Using Java (Program Core) (75 Hrs. – 3 Credits)
300	Marquee CTC - 20 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 800 programming Questions	Proficient	5 Hrs.	6 Hrs.	6 Hrs./Day = 30 Hrs./Week = 450 Hrs. for 15 Weeks	c) 10211CS224 – Full Stack Application Development (Program Core) (75 Hrs. – 3 Credits) (Totally 10 Credits – 225 Hrs.)
	Pinnacle CTC – 50 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 1000 programming Questions	Mastery	6 Hrs.			Assessments – CIA1, CIA2, MODEL & SEE (3 * 12 = 36 Hrs.)

Placement Strategy – 2027 YOP

C. School of Electrical and Communication

No. of Students to be Trained	Target Companies	Training Agenda	Level	Training per day	Implementation Plan for 2027 YOP		
					Training per day	Total Hrs.	Courses
401	Dream CTC – 6 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 400 programming Questions	Foundation	3 Hrs.	3 Hrs.	3 Hrs./Day = 15 Hrs./Week = 225 Hrs. for 15 Weeks.	a) 10212EC243 – Applied Programming Skills (Program Elective) (75 Hrs. – 4 Credits)
	Super Dream CTC - 10 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 600 programming Questions	Core	4 Hrs.			b) 10213GE206 – Problem Solving and Testing Using Python (Open Elective) (75 Hrs. – 3 Credits)
180	Marquee CTC - 20 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 800 programming Questions	Proficient	5 Hrs.	6 Hrs.	6 Hrs./Day = 30 Hrs./Week = 450 Hrs. for 15 Weeks	c) 10213GE205 – Full Stack Application Development using Python (Open Elective) (75 Hrs. – 3 Credits) (Totally 10 Credits – 225 Hrs.)
	Pinnacle CTC – 50 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 1000 programming Questions	Mastery	6 Hrs.			Assessments – CIA1, CIA2, MODEL & SEE (3 * 12 = 36 Hrs.)

Placement Strategy – 2028 YOP

A. 4th to 6th Semester B.Tech

Training Component	Present	Total Hrs.	Proposed	Hours per semester	Total Hrs.	Offered in Sem.	Implementation Plan for 2028 YOP
Spoken English + Soft Skills	Infosys Springboard	8+8	Infosys Springboard + Pro Speak / Cambridge English + Soft Skills	50+15 = 65	260	Open Elective 2 Cr. 75 Hrs.	4 th Sem 10213GE307 – Active Professional Communication (75 Hrs. – 2 Cr.) SoC: 5 Hrs./ Week SoEC: 3 Hrs./ Week & 4 Hrs. / 2 nd and 4 th Sat
						Open Elective 2 Cr. 75 Hrs.	5 th Sem 10213GE308 – Professional Communication for Engineers (75 Hrs. – 2 Cr.)
						Open Elective 2 Cr. 75 Hrs.	6 th Sem 10213GE309 – Communicative English (75 Hrs. – 2 Cr.)
Coding-Technical	Programming	60	Programming + Data Structures	60	240		Table B - SoC (Slide No. 6) Table C - SoEC (Slide No. 7)
	Advanced	40	Full Stack Project Development (FSPD)	30	120		
Aptitude Skills + CCT*	Quantitative + Verbal Activity	12+60	No Change	-	-	As per usual plan at the end of the semester	

*CCT – Career Competency Training

Placement Strategy – 2028 YOP

B. School of Computing

Target Companies	Training Agenda	Level	Training per day	Bifurcation	Implementation Plan for 2028 YOP	
Dream CTC – 6 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 400 programming Questions	Foundation	3 Hrs.	All Students	4 th Sem	10211CS226 – Java Programming (PC) (75 Hrs. – 3Cr.)
Super Dream CTC - 10 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 600 programming Questions	Core	4 Hrs.			
Marquee CTC - 20 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 800 programming Questions	Proficient	5 Hrs.	25% of Students for Marquee & Pinnacle – 6Hrs. / Day 75% of Students for Dream & Super Dream – 3Hrs. / Day	5 th Sem	a) 10211CS225 – Problem Solving & Testing using Java (PC) (75 Hrs. – 3Cr.) b) 10212CS292 – Applied Programming Skills (PE) (75 Hrs. – 4Cr.)
Pinnacle CTC – 50 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 1000 programming Questions	Mastery	6 Hrs.			6 th Sem

Placement Strategy – 2028 YOP

C. School of Electrical and Communication

Target Companies	Training Agenda	Level	Training per day	Bifurcation	Implementation Plan for 2028 YOP	
Dream CTC – 6 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 400 programming Questions	Foundation	3 Hrs.	All Students	4 th Sem	10213GE206 – Problem Solving & Testing using Python (OE) (75 Hrs. – 3Cr.)
Super Dream CTC - 10 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 600 programming Questions	Core	4 Hrs.			
Marquee CTC - 20 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 800 programming Questions	Proficient	5 Hrs.	25% of Students for Marquee & Pinnacle – 6Hrs. / Day 75% of Students for Dream & Super Dream – 3Hrs. / Day	5 th Sem	10212EC243 – Applied Programming Skills (PE) (75 Hrs. – 4Cr.)
Pinnacle CTC – 50 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 1000 programming Questions	Mastery	6 Hrs.			

Placement Strategy – 2029 YOP

A. 2nd to 6th Semester B.Tech

Training Component	Present	Total Hrs.	Proposed	Hours per semester	Total Hrs.	Bifurcation	Implementation Plan for 2029 YOP	
Spoken English + Soft Skills	Infosys Springboard	8+8	Infosys Springboard + Pro Speak / Cambridge English + Soft Skills	50+15 = 65	260 (255 + Syllabus 90 Hrs.)	Not Applicable	1 st Sem	2510EN1100 – English for Global Careers-I (45 Hrs.) + Infosys Springboard Certification 1 & 2 (15 Hrs.) (2 Cr. – 60 Hrs)
							2 nd Sem	2515EN1100 – English for Global Careers-II (45 Hrs.) + Infosys Springboard Certification 1 & 2 (15 Hrs.) (2 Cr. – 60 Hrs)
							3 rd Sem	10213GE307 – Active Professional Communication (75 Hrs. – 2 Cr.) (OE)
							4 th Sem	10213GE308 – Profesisonal Communication for Engineers (75 Hrs. – 2 Cr.) (OE)
							5 th Sem	10213GE309 – Communicative English (75 Hrs. – 2 Cr.) ((OE)
Semester Long Industry Internship or International Internship/courses – 6th Semester								
Full Concentration on Placement Activities and Placement Drives								
Full Time Major Project – Completion of any outstanding courses								
Coding-Technical	Programming	60	Programming + Data Structures	60	240		Table B - SoC (Slide No. 9) Table C - SoEC (Slide No. 10)	
	Advanced	40	Full Stack Project Development (FSPD)	30	120			
Aptitude Skills + CCT*	Quantitative + Verbal Activity	12+60	No Change	-	-	As per usual plan at the end of the semester		

Placement Strategy – 2029 YOP

B. School of Computing

Target Companies	Training Agenda	Level	Training per day	Bifurcation	Implementation Plan for 2029 YOP	
Dream CTC – 6 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 400 programming Questions	Foundation	3 Hrs.	All Students	1 st Sem	a) 2510CS1001 – Problem Solving Using C (45 Hrs. – 3Cr.) b) 2510CS3001 – Problem Solving Using C Lab (30 Hrs. – 1Cr.)
Super Dream CTC - 10 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 600 programming Questions	Core	4 Hrs.		2 nd Sem	a) 2510CS1002 – Fundamentals of Data Structures (45 Hrs. – 3Cr.) b) 2510CS3002 – Fundamentals of Data Structures Lab (30 Hrs. – 1Cr.)
Marquee CTC - 20 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 800 programming Questions	Proficient	5 Hrs.	25% of Students for Marquee & Pinnacle – 6Hrs. / Day 75% of Students for Dream & Super Dream – 3Hrs. / Day	3 rd Sem	10211CS226 – Java Programming (PC) (75 Hrs. – 3Cr.)
Pinnacle CTC – 50 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 1000 programming Questions	Mastery	6 Hrs.		4 th Sem	a) 10211CS225 – Problem Solving and Testing using Java (PC) (75 Hrs. – 3Cr.) b) 10212CS292 – Applied Programming Skills (PE) (75 Hrs. – 4Cr.)
					5 th Sem	10211CS224 – Full Stack Application Development (PC) (75 Hrs. – 3Cr.)

Placement Strategy – 2029 YOP

B. School of Electrical and Communication

Target Companies	Training Agenda	Level	Training per day	Bifurcation	Implementation Plan for 2029 YOP	
Dream CTC – 6 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 400 programming Questions	Foundation	3 Hrs.	All Students	1 st Sem	a) 2510CS1001 – Problem Solving Using C (45 Hrs. – 3Cr.) a) 2510CS3001 – Problem Solving Using C Lab (30 Hrs. – 1Cr.)
Super Dream CTC - 10 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 600 programming Questions	Core	4 Hrs.		2 nd Sem	a) 2510CS1002 – Fundamentals of Data Structures (45 Hrs. – 3Cr.) b) 2510CS3002 – Fundamentals of Data Structures Lab (30 Hrs. – 1Cr.)
Marquee CTC - 20 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 800 programming Questions	Proficient	5 Hrs.	25% of Students for Marquee & Pinnacle – 6Hrs. / Day 75% of Students for Dream & Super Dream – 3Hrs. / Day	3 rd Sem	10213GE206 – Problem Solving and Testing using Python (OE) (75 Hrs. – 3Cr.)
Pinnacle CTC – 50 LPA & above	Problem Solving, Communication Skills, OOPS, DBMS, DSA & 1000 programming Questions	Mastery	6 Hrs.		4 th Sem	10212EC243 – Applied Programming Skills (PE) (75 Hrs. – 4Cr.)
					5 th Sem	10213GE205 – Full Stack Application Development using Python (PE) (75 Hrs. – 3Cr.)

Placement Strategy : Core Engineering Branches

Training Duration per day	Training to be imparted
2 Hours	Engineering Fundamentals / Spoken English

Training Component	Present	Total Hours	Proposed	Hours per semester	Total Hours
Spoken English	Infosys Springboard	8	Infosys Springboard + Pro Speak / Cambridge English	50	200
Soft Skills	Soft Skills	8	Soft Skills	15	60
Core Competency	Foundation	60	Engineering Fundamentals	60	240
	Proficient	40	GATE Preparatory Standard	30	120
Aptitude Skills + CCT*	Quantitative and Verbal ability	12 + 60	No change		

*CCT – Career Competency Training

Thank You!



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Established by the Charitable Trust, 26/3/2 of UGC Act, 1956)



List of Faculty Joined from end of September 2025

Sl. No.	Faculty_ID	Faculty_Name	Designation	Qualification	Department	Date of Joining	Ph.D. / Non Ph.D.	Ph.D Institution / Status	Gender	No. of Publications (Scopus / WoS / Others)	Name of the Previous Institution
1	TTS 4105	Ms. DURGA DEVI. P	ASSISTANT PROFESSOR	B.Tech., M.E.,	CSE (DS)	06-Oct-2025	Non Ph.D.	Thesis submitted / SRM Institute of Science and Technology	Female	3	SKR Engineering College
2	TTS 4106	Dr. SARAVANAN. R	ASSISTANT PROFESSOR	B.C.A., M.B.A., Ph.D.,	Business Administration	06-Oct-2025	Ph.D.	Vellore Institute of Technology	Male	5	Vellore Institute of Technology
3	TTS 4107	Mr. SUBHANKAR CHAKRABORTY	ASSISTANT PROFESSOR	B.Tech., M.Tech.,	ECE	06-Oct-2025	Non Ph.D.	Thesis submitted / Tezpur University	Male	6	-
4	TTS 4108	Dr. MINAKSHI BORUAH	ASSISTANT PROFESSOR	B.Tech., M.Tech., Ph.D.,	CSE	06-Oct-2025	Ph.D.	NIT Mizoram	Female	5	NIT Mizoram
5	TTS 4109	Ms. VIDHYA. V	ASSISTANT PROFESSOR	B.E., M.E.,	CSE (DS)	15-Oct-2025	Non Ph.D.	Thesis submitted / Indian Institute of Information Technology	Female	10	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
6	TTS 4110	Mr. ARULMOZHISELVIS	ASSISTANT PROFESSOR	B.E., M.E.,	CSE (DS)	28-Sep-2025	Non Ph.D.	Thesis submitted / Annamalai University	Female	3	Ragavendra Arts and Science College
7	TTS 4111	Dr. SHEIK YOUSUF. T	ASSISTANT PROFESSOR	B.E., M.E., Ph.D.,	CSE (AIML)	29-Aug-2025	Ph.D.	Anna University	Male	5	Mohammed Sathak Engineering College
8	TTS 4112	Dr. RASINA BEGUM. B	ASSISTANT PROFESSOR	B.E., M.E., Ph.D.,	CSE (DS)	16-Oct-2025	Ph.D.	Anna University	Female	5	Mohammed Sathak Engineering College
9	TTS 4114	Dr. ANBUCHZHIAN.G	PROFESSOR	B.E., M.E., Ph.D.,	MECH	12-Nov-2025	Ph.D.	Anna University	Male	95	Saveetha University
10	TTS 4115	Dr. PRABAGAR.S	ASSISTANT PROFESSOR (SG)	M.Tech., Ph.D.,	CSE(DS)	24-Nov-2025	Ph.D.	Anna University	Male	15	Alliance University
11	TTS 4116	Dr. SARANYA.K	ASSISTANT PROFESSOR (SG)	B.Tech., M.E., Ph.D.,	AI&DS	28-Nov-2025	Ph.D.	Anna University	Female	3	Bharathiyar Institute of Engineering for Women
12	TTS 4117	Dr. KATARI BALAKRISHNA	ASSISTANT PROFESSOR	B.Tech., M.Tech., Ph.D.,	CSE (AIML)	09-Dec-2025	Ph.D.	Vellore Institute of Technology - AP	Male	3	Vellore Institute of Technology - AP

Department	Assistant Professor		Assistant Professor (SG)	Professor	Grand Total
	Non Ph.D.	Ph.D.	Ph.D.	Ph.D.	
AI&DS			1		1
Business Administration		1			1
CSE		1			1
CSE (AIML)		2			2
CSE (DS)	3	1			4
CSE(DS)			1		1
ECE	1				1
MECH				1	1
Grand Total	4	5	2	1	12

Office of the Dean Research Studies

Statistics of Ph.D. National Admission Winter Session 2025-26 (Batch 48)

S.No.	DEPARTMENT	Application			Entrance Exam						Mode of Study		Selected for Interview					
		Applied	Shortlisted	Not Shortlisted	Exemption from	Full Time	Part Time	Eligible for Entrance	Full Time	Part Time	Full Time	Part Time	Exemption from	Full Time	Part Time	Through Entrance	Full Time	Part Time
Engineering																		
1	AERO	3	3	0	0	0	0	3	1	2	1	2	0	0	0	2	1	1
2	BIOMEDICAL	2	2	0	0	0	0	2	2	0	2	0	0	0	0	1	1	0
3	BIOTECH	4	4	0	1	1	0	3	2	1	2	0	0	0	0	1	1	0
4	CIVIL	19	19	0	0	0	0	19	7	12	7	8	0	0	0	9	1	8
5	CSE	113	113	0	0	0	0	113	14	99	9	78	0	0	0	54	5	49
6	IT	10	9	1	0	0	0	9	3	6	2	6	0	0	0	4	2	2
7	ECE	36	36	0	1	0	1	35	9	26	8	21	1	0	1	15	4	11
8	EEE	7	7	0	0	0	0	7	1	6	1	5	0	0	0	2	0	2
9	MECH	11	11	0	0	0	0	11	6	5	5	4	0	0	0	5	3	2
TOTAL		205	204	1	2	1	1	202	45	157	37	124	1	0	1	93	18	75
S&H																		
10	CHEMISTRY	9	9	0	4	0	4	5	3	2	2	4	2	0	2	2	1	1
11	COMPUTER SCIENCE	39	38	1	8	3	5	30	17	13	17	13	6	1	5	13	7	6
12	ENGLISH	31	20	11	15	0	15	5	0	5	15	11	8	0	8	2	0	2
13	MATHS	40	40	0	28	14	14	12	9	3	16	12	20	9	11	6	5	1
14	PHYSICS	11	11	0	2	2	0	9	9	0	10	0	2	2	0	0	0	0
TOTAL		130	118	12	57	19	38	61	38	23	60	40	38	12	26	23	13	10
MBA, Law, Commerce & Media and Communication																		
15	MBA	20	15	5	2	0	2	13	0	13	4	12	1	0	1	6	0	6
16	LAW	15	12	3	3	0	3	9	0	9	3	11	2	0	2	4	0	4
17	COMMERCE	13	8	5	6	0	6	2	0	2	6	4	4	0	4	0	0	0
18	MEDIA AND COMMUNICATION	3	3	0	0	0	0	3	0	3	0	3	0	0	0	3	0	3
TOTAL		51	38	13	11	0	11	27	0	27	13	30	7	0	7	13	0	13
OVER ALL TOTAL		386	360	26	70	20	50	290	83	207	110	194	46	12	34	129	31	98

66th Meeting of the Executive Council (EC)

Office of the Quality Assurance

Dr. M. Rajeev Kumar, Prof. (CSE) & Dean (Quality Assurance)



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



66.20 To report and record the status of the International & National rankings, awards received since the last EC meeting held on September 20, 2025.

Status of the International & National Rankings, Awards



International: Band 1001-1200
National: 44th Rank

Interdisciplinary Science Rankings 2026

Band 401-500

Powered by THE



Asia: Band 951-1000
Southern Asia: 312th Rank

AISHE

Institutional data submitted for AY 2024-25

All India Survey on Higher Education



Phase wise mock visits were conducted for UG Engineering Programmes in Biomedical, Civil, CSE and ECE



Elets World Education Summit 2025 - Excellence in Outcome-Based Education and New-Age Learning



IEI Engineering Education Excellence Award 2025

Registration has been completed under the following disciplines:

- ❖ Engineering
- ❖ Management
- ❖ Innovations
- ❖ SDG Institutions
- ❖ Research
- ❖ Overall



Work to Create Impact not Impression

Thank You!