Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
DEEMED TO BE
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(Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai

Accredited by NAAC with the HIGHEST GRADE A++

Recognised as CATEGORY-1 DEEMED TO BE UNIVERSITY by the UGC University Grants Commission

ACADEMIC COUNCIL
ATTENDANCE SHEET FOR 52nd MEETING OF
THE ACADEMIC COUNCIL ON 22.02.2026 AT 10.30 am
VENUE: SENATE 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.	Ex-officio	
3	Prof. R.Venkata Rao Vice Chancellor, International University of Legal Education and Research (IIULER) Goa	External Member	Attended (online)
4	Mr. K. Balaji Vice President – People and Culture Delphi – TVS Technologies Chennai	External Member	Absent
5	Dr. OR. Nandagopan Director, DRDO Industry Academia, Ramanujan Centre of Excellence, IIT, Madras	External Member	
6	Mr. Raghuraman Krishnamurthy Chief Enterprise Architect P&R Practice, Cognizant Chennai.	External Member	Absent

S.No	Name	Position	Signature
7	Dr. K. Sankaranarayanasamy Professor (HAG), National Institute of Technology (NIT), Tiruchirappalli.	External Member	Absent
8.	Prof. Dr. Krishnan BASKAR. D.Sc. (KTH-Sweden), FRSC (London). Director, Indian Institute of Information Technology - Senapati, Manipur Imphal – 795002, India. Mobile: +919444125126, E-mail: director@iiitmanipur.ac.in, drbaskar2009@gmail.com	External Member	22/02/2026
9	Dr. S. Raju Professor & Dean (Academics) Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	22/2/26
10	Dr. M. Rajeev Kumar, Professor & Dean (Quality Assurance) Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology.	Ex-officio	
11	Dr. R.S.Valarmathi Professor & Dean (SoEC) Dept of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	Absent
12	Dr. P. Chandrakumar Professor & Dean (R&D and Industry Relations) Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	

S.No	Name	Position	Signature
13	Dr. Muralidhar M S Professor & Dean (FME) Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	22/4/26
14	Dr. P. Suresh Professor & Dean (International Relations & HRDC) Dept of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
15	Dr.P.Vijayaraman Assistant Professor (SG) & Dean (Campus to Corporate) Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
16	Prof. Dr. B. Venugopal Professor & Dean (SoL) Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	Absent
17	Dr. S. P. Chokkalingam Professor & Dean (SoC) Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science andTechnology.	Ex-officio	Absent
18	Dr. K. Ravishankar, Professor & Dean (SoM) and HoD Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	22/4/26

S.No	Name	Position	Signature
19	Dr. A. Jayabal Professor & Dean - School of Commerce Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	Absent
20	Dr. E. Suresh Paul Professor & Dean (SoMT) Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
21	Dr. K. Jagajjanani Rao Professor & Dean (Research Studies) Dept of Biotechnology Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology.	Ex-officio	
22	Dr. V. Dhilipkumar Professor & Associate Dean (SoC) Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	
23	Dr. R. Parthasarathy Professor & Assistant Dean (SoC) Dept. of Computer Science and Design Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	
24	Dr. S. Ramesh Professor & Controller of Examinations, Dept. of Electrical & Electronics Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Permanent Invitee	
25	Dr. Shahnaz K V Associate Professor & Associate Dean (Hostels) Dept. of Electronics and Communication Engineering Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology.	Ex-officio	Absent

S.No	Name	Position	Signature
26	Mrs.D.Kasthuri, Dean-incharge (Alumni Relations and Development) Dept. of Electrical & Electronics Engineering Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	
27	Dr. R. Jaganraj Professor & HoD Dept. of Aeronautical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
28	Dr. A. Geetha Selvarani, Professor & HoD Dept. of Civil Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
29	Dr. Karunanithi K Professor & HoD Dept. of Electrical & Electronics Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	22/02/26
30	Dr. S. Jayavelu Professor & HoD Dept. of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	
31	Dr. J. Viswanath Professor & HoD Dept. of Mathematics, Vel Tech RangarajanDr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	

S.No	Name	Position	Signature
32	Dr. D. Senthil Kumar Professor & HoD Dept. of Physics, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
33	Dr. CH. Hazarathaiah Yadav Professor & HoD Dept. of Chemistry, Vel Tech Rangarajan Dr. Sagunthala R &D Institute of Science and Technology.	Ex-officio	22/2/26
34	Dr. P. Revathi Associate Professor & HoD Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	22/2/26
35	Dr. D. Balasubramaniam Associate Professor & HoD Dept. of Biomedical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	22/02/2026
36	Dr. P. Azhagu Saravana Babu Professor & HoD Dept. of Biotechnology, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	22/2/26
37	Dr. B. Someswara Rao Professor & HoD School of Law, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	22/2/26

S.No	Name	Position	Signature
38	Dr. A. Arumugam Professor & HoD Dept. of Commerce, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	22/2/26
39	Dr. S. Alex David Professor & HoD Dept. of Artificial Intelligence and Machine Learning Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	22.2.26
40	Dr. M. Kavitha Professor & HoD Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Ex-officio	22/2/26
41	Dr. R. Aruna Professor & HoD Dept. of Computer Science and Design Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	22/2/26
42	Dr. T. Rajendran, Professor & HoD Department of CSE (Cyber Security) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	
43	Dr.M Gokuldhev, Professor & HoD Department of CSE(Data Science) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	

S.No	Name	Position	Signature
44	Dr. P Santhi, Professor & HoD Department of CSE (Artificial Intelligence (AI) and Data Science) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	22/2/26
45	Dr. S. Lalitha Associate Professor & HoD Department of CSE (AIML) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	22/2/26
46	Dr. A. Peter Soosai Anandraj Professor & HoD Dept. of Information Technology Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
47	Dr. Amala Justus Selvam Professor Dept. of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Internal Member Professor Nominee	22/2/26
48	Dr. Kavitha T. Professor Department of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/2/26
49	Dr. Jana S. Professor & HoD Department of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/2/26

S.No	Name	Position	Signature
50	Dr.Dhal P.K. Professor Department of Electrical and Electronics Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/2/26
51	Dr. Prakash A. Professor Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	Absent
52	Dr. Kanni Raj A. Professor Department of Chemistry Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/2/26
53	Dr. R. Srinivasan Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	R. Srinivasan
54	Dr. A. Bhagyalakshmi Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/2/26
55	Dr. S. Sridevi Professor & Dean (Student Affairs) Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/2/26

S.No	Name	Position	Signature
56	Dr. Boopathy. G Professor Department of Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor nominee	
57	Dr. T. Kamaleshwar Associate Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Associate Professor nominee	22/2/2026
58	Dr. J. Naresh Kumar Professor Department of Mathematics Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Associate Professor nominee	20/02/26
59	Dr.C.Vijai Professor Department of Commerce Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Associate Professor nominee	23/2/26
60	Dr. Ajitha E. Associate Professor School of Law Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Associate Professor nominee	
61	Dr.D Sundara Narayana Associate Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Associate Professor nominee	Absent

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S.No	Name	Position	Signature
62	Dr. Sai Nandhini R. Assistant Professor Department of Biotechnology Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	Absent
63	Dr. E. Madeshwari Assistant Professor Department of Biomedical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	E. Madesh 22/2/26
64	Dr.T.Kujani Associate Professor & Assistant - HoD Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	T. Kuj 22/2/26
65	Dr.K.Prema Assistant Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	Prem 22/2/26
66	Dr.S.Saran Raj Assistant Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	22/2/2026
67	Dr.E.Kannan Professor & Registrar Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.	Secretary	22/02/2026

VICE CHANCELLOR
Prof. Rajat Gupta
Vice Chancellor

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Avadi, Chennai

52nd MEETING
OF
THE ACADEMIC COUNCIL

Sunday, February 22, 2026

MINUTES

No. 42, Avadi-Vel Tech Road, Avadi, Chennai, Tamil Nadu, Pincode-600 062.
Email: registrar@veltech.edu.in, Website: www.veltech.edu.in.

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MINUTES OF THE 52nd MEETING OF THE ACADEMIC COUNCIL

Sunday, February 22, 2026, at 10.30 a.m.

Venue : SENATE HALL

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

A. Opening

52.1 To record leave of absence of the members.

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

* **Dr. K. Balaji**
Vice President - People and Culture
External Member

* **Dr. K. Sankaranarayanasamy**
Professor (HAG), National Institute of Technology (NIT)
External Member

* **Dr. Raguraman Krisnamurthy**
Cheif Enterprise Architect, Cognizant
External Member

* **Dr. R. S. Valarmathi**
Professor & Dean (SoEC),
Dept. of Electronics and Communication Engineering

* **Prof. Dr. B. Venugopal**
Professor & Dean - School of Law

* **Dr. S. P. Chokkalingam**
Professor & Dean - School of Computing

* **Dr. A. Jayabal**
Professor & Dean - School of Commerce

Prof. Rajat Gupta
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
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* **Dr. Shahnaz K V**
  Associate Professor & Associate Dean (Hostels),
  Dept. of Electronics and Communication Engineering

* **Dr. Prakash A**
  Professor, Dept. of English

* **Dr. D. Sundara Narayana**
  Associate Professor, Dept. of Computer Science and Technology

* **Dr. R. Sai Nandhini**
  Assistant Professor, Dept. of Biotechnology

The list of members attended the 52nd 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.

52.2 Call to Order and Approval of Agenda of the 52nd meeting of the Academic Council.

The Vice Chancellor called to order and placed the agenda of the 52nd meeting of the Academic Council for confirmation which was circulated to members by e-mail.

52.3 Confirmation of the minutes of 51st meeting of the Academic Council held on Saturday, November 22, 2025.

The draft minutes of the 51st meeting of the Academic Council held on November 22, 2025 were placed before the council for approval.

The draft minutes of the 51st meeting of the Academic Council can be accessed *here*

Appendix A

RESOLVED, that the Minutes of the 51st meeting of the Academic Council held on November 22, 2025 be confirmed and recorded.

52.4 To review the Action Taken Report on the minutes of the 51st meeting of the Academic Council held on Saturday, November 22, 2025.

The Vice Chancellor, placed the Action Taken Report in respect of the 51st meeting of the Academic Council as described in Table 1 for review and approval by the Academic Council.

Prof. Rajat Gupta
Vice Chancellor

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Table 1: Action Taken Report in respect of 51st meeting of the Academic Council

Item No. & Page No.	Agenda Item	Discussions	Action Taken Report
51.5 and Page No. 3	To consider and approve the minutes of the Research Advisory Board.	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.	The matter has to be taken to the URC for discussion and necessary action.
51.8 and Page No. 5	To ratify and record the Amendments to the Academic Calendar for Winter Semester of AY 25-26	Dr. P. Chandrakumar, suggested to allocate specific slot for offering the Industry /Higher Learning Institute (IHL) Courses.	Allocation of slots for industry courses is under process.
51.14 and Page No. 9	To report and record the status of Faculty attended FDP/ Workshop details.	Dr. P. Chandrakumar, suggested to schedule the Faculty Training in Industry for more than one week.	The suggestion of the member is taken into the consideration. The schedule will be finalized at the Deans/HoD meeting and implemented accordingly.
51.16 and Page No. 10	To report and record the status of implementation of 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.	The Controller of Examinations (CoE) has been requested to take care of the follow-up actions.
51.18 and Page No. 11	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.	Members suggested to create an awareness on the importance of Honours/Minor to Fast Learner among the students.	Awareness sessions were conducted and subsequently, there are good number of students enrolled for Honours and minor degree.

The Council has taken note on the Action Taken report of the 52nd meeting of the Academic Council held on February 22, 2026.

RESOLVED, the Action Taken Report be approved.

Prof. Rajat Gupta
Vice Chancellor

Vel Tech
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R&D Institute of Science and Technology

52.5 To place the Institutional Development Plan (IDP) duly approved by the Executive Council(EC) at its 66^{th} meeting held on December 27, 2025 for discussion and implementation.

The Vice Chancellor, placed before the Academic Council to place the Institutional Development Plan (IDP) duly approved by the Executive Council(EC) at its 66^{th} meeting held on December 27, 2025 for discussion and implementation.

Dr. P. Chandrakumar, Professor & Dean (R&D and Industry Relations), presented the Institutional Development Plan (IDP) duly approved by the Executive Council(EC) at its 66^{th} meeting held on December 27, 2025 for discussion and implementation.

The Institutional Development Plan (IDP) can be accessed *here*



Appendix (IDP)

The Members expressed their appreciation for this initiative.

Prof. Venkat Rao, External Member, suggested to offer the courses related with sustainable literacy in collaboration with the School of Law.

Dr. P. Chandrakumar, Professor & Dean (R&D and Industry Relations), moved "the Institutional Development Plan (IDP) duly approved by the Executive Council(EC) at its 66^{th} meeting held on December 27, 2025" for discussion and implementation.
The motion was seconded by **Dr. M. Rajeev Kumar**, Professor & Dean - Quality Assurance.

The motion was carried.

B. Items for Consideration and Approval

52.6 To discuss and approve the revised vision and mission of the various departments.

52.7 To discuss and approve the minutes of the Board of Studies of various departments.

- **Engineering and Technology - Under Graduate & Post Graduate Programme**

1. School of Mechanical and Construction

A. Department of Aeronautical Engineering

The Vice Chancellor, placed before the Academic Council to consider and approve the recommendations of the revised vision and mission of the department and 30^{th} Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Aeronautical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Prof. Rajat Gupta
Vice Chancellor
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Dr. R. Jegan Raj, Professor & Head - Department of Aeronautical Engineering & BoS - Chairman, presented the recommendations of the revised vision and mission of the department and minutes of the 30^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. R. Jegan Raj, Professor & Head - Department of Aeronautical Engineering & BoS - Chairman, moved the recommendations of the revised vision and mission of the department and minutes of the 30^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Aeronautical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr.K. Karunanidhi, Professor & Head, Department of Electrical and Electronics Engineering, seconded it.

The motion was carried

B. Department of Civil Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and minutes of the 30^{th} and 31^{st} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Civil Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Dr. A. Geetha Selvarani, Professor & Head - Department of Civil Engineering & BoS - Chairman, presented the recommendations of the revised vision and mission of the department and Minutes of the 30^{th} and 31^{st} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix Civil

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. A. Geetha Selvarani, Professor & Head - Department of Civil Engineering & BoS - Chairman, moved the recommendations of the revised vision and mission of the department and minutes of the 30^{th} and 31^{st} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Civil Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for

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Vice Chancellor
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consideration and approval.

Dr. D. Balasubramaniam, Associate Professor & Head, Department of Bio Medical, seconded it.

The motion was carried

C. Department of Mechanical Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 42^{nd} and 43^{rd} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Mechanical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Dr. S. Jayavelu, Professor & Head - Department of Mechanical Engineering & BoS - Chairman, presented the recommendations of the revised vision and mission of the department and Minutes of the 42^{nd} and 43^{rd} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix MECH

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. S. Jayavelu, Professor & Head, Department of Mechanical Engineering, moved the recommendations of the revised vision and mission of the department and Minutes of the 42^{nd} and 43^{rd} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Mechanical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. R. Jegan Raj, Associate Professor & Head - Department of Aeronautical Engineering, seconded it.

The motion was carried.

2. School of Electrical and Communication

A. Department of Bio Medical Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 15^{th} and 16^{th} meeting of the Board of Studies of Department of Bio Medical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

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)

Dr. D. Balasubramaniam, Associate Professor & Head - Department of Bio Medical Engineering & BoS - Chairman, presented the recommendations of the revised vision and mission of the department and Minutes of the 15^{th} and 16^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix BIOMED

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. D. Balasubramaniam, Associate Professor & Head - Department of Bio Medical Engineering & BoS - Chairman, moved the recommendations of the revised vision and mission of the department and Minutes of the 15^{th} and 16^{th} meeting of the Board of Studies of Department of Bio Medical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

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

The motion was carried.

B. Department of Biotechnology

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 16^{th} meeting of the Board of Studies of Department of Biotechnology to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Dr. P. Azhagu Saravana Babu, Professor & Head - Department of Biotechnology & BoS - Chairman, presented the recommendations of the revised vision and mission of the department and Minutes of the 16^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix Biotech

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. P. Azhagu Saravana Babu , Professor & Head - Department of Biotechnology & BoS - Chairman, moved the recommendations of the revised vision and mission of the department and Minutes of the 16^{th} meeting of the Board of Studies of Department of Biotechnology to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Prof. Rajat Gupta
Vice Chancellor

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

Dr. J. Viswanath, Professor & Head - Department of Mathematics, seconded it.

The motion was carried.

C. Department of Electrical and Electronics Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 35^{th} and 36^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Electrical and Electronics Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

The Minutes of the BoS meeting can be accessed here

Dr. K. Karunanithi, Professor & Head - Department of Electrical and Electronics Engineering & BoS - Chairman, presented the recommendations of the revised vision and mission of the department and Minutes of the 35^{th} and 36^{th} meeting of the Board of Studies.

Appendix EEE

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. K. Karunanithi, Professor & Head - Department of Electrical and Electronics Engineering & BoS - Chairman, moved the recommendations of the revised vision and mission of the department and Minutes of the 35^{th} and 36^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Electrical and Electronics Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. B. Someswara Rao, Professor & Head - School of Law, seconded it.

The motion was carried.

D. Department of Electronics and Communication Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 44^{th} and 45^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Electronics and Communication Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

The Minutes of the BoS meeting can be accessed here

Dr. S. Jana, Professor & Head - Department of Electronics and Communication Engineering & BoS - Chairman, presented the recommendations of the revised vision and mission of the department and Minutes of the 44^{th} and 45^{th} meeting of the Board of Studies.

Appendix ECE

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)

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. S. Jana, Professor & Head - Department of Electronics and Communication Engineering & BoS - Chairman, moved the recommendations of the revised vision and mission of the department and Minutes of the 44^{th} and 45^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Electronics and Communication Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. A. Geetha Selvarani, Professor & Head - Department of Civil Engineering, seconded it.

The motion was carried.

3. School of Computing

A. Department of Computer Science and Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 43^{rd} and 44^{th} meeting of Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Computer Science and Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

On behalf of Dean - School of Computing, **Dr. M. Kavitha**, Professor & Head - Department of Computer Science and Engineering, was permitted and presented the recommendations of the revised vision and mission of the department and Minutes of the 43^{rd} and 44^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. M. Kavitha, Professor & Head - Department of Computer Science and Engineering, moved the recommendations of the revised vision and mission of the department and Minutes of the 43^{rd} and 44^{th} Board of Studies of Under Graduate (UG)and Post Graduate (PG) Programmes under the Department of Computer Science and Engineering to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

Dr. D. Senthil Kumar, Professor & Head - Department of Physics, seconded it.

The motion was carried.

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)

B. Department of Artificial Intelligence and Data Science

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} meeting of Board of Studies of Under Graduate (UG) Programmes under Department of Artificial Intelligence and Data Science to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

On behalf of Dean - School of Computing, **Dr. P Santhi**, Professor & Head - Department of Artificial Intelligence and Data Science was permitted and presented the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. P Santhi, Professor & Head - Department of Artificial Intelligence and Data Science, moved the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} Board of Studies of Under Graduate (UG) Programmes under the Department of Artificial Intelligence and Data Science to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

Dr. P. Azhagu Saravana Babu , Professor & Head - Department of Biotechnology, seconded it.

The motion was carried.

C. Department of Artificial Intelligence and Machine Learning

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Minutes of 9^{th} meeting of Board of Studies of Under Graduate (UG) Programmes under Department of Artificial Intelligence and Machine Learning to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

On behalf of Dean - School of Computing, **Dr. S. Alex David**, Professor & Head - Department of Artificial Intelligence and Machine Learning, presented the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

Dr. S. Alex David, Professor & Head - Department of Artificial Intelligence and Machine Learning, moved the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} Board of Studies of Under Graduate (UG) Programmes under the Department of Artificial Intelligence and Machine Learning to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

Prof. Rajat Gupta
Vice Chancellor

Vel Tech
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Dr. S. Jana, Professor & Head - Department of Electronics and Communication Engineering, seconded it.

The motion was carried.

D. Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 30^{th} meeting of Board of Studies of Under Graduate (UG) Programmes under Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

On behalf of Dean - School of Computing, **Dr. S. Lalitha**, Associate Professor & Head - Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning), was permitted and presented the recommendations of the revised vision and mission of the department and Minutes of the 30^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. S. Lalitha, Professor & Head - Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning), moved the recommendations of the revised vision and mission of the department and Minutes of the 30^{th} Board of Studies of Under Graduate (UG) Programmes under the Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

Dr. CH. Hazarathaiah Yadav, Professor & Head - Department of Chemistry, seconded it.

The motion was carried.

E. Department of Computer Science and Design

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} meeting of Board of Studies of Under Graduate (UG) Programmes under Department of Computer Science and Design to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Prof. Rajat Gupta
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On behalf of Dean - School of Computing, **Dr.R.Aruna**, Professor & Head - Department of Computer Science and Design, was permitted and presented the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

The Members have suggested to make some corrections in the department revised vision and mission.

Dr.R.Aruna, Professor & Head - Department of Computer Science and Design, moved the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} Board of Studies of Under Graduate (UG) Programmes under the Department of Computer Science and Design to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

Dr. P. Revathi, Professor & Head - Department of English, seconded it.

The motion was carried.

F. Department of Computer Science and Engineering (Data Science)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} meeting of Board of Studies of Under Graduate (UG) Programmes under Department of Computer Science and Engineering (Data Science) to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

On behalf of Dean - School of Computing, **Dr. M. Gokuldhev**, Associate Professor & Head - Department of Computer Science and Engineering (Data Science), was permitted and presented the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. M. Gokuldhev, Professor & Head - Department of Computer Science and Engineering (Data Science), moved the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} Board of Studies of Under Graduate (UG) Programmes under the Department of Computer Science and Engineering (Data Science) to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

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Dr. E. Suresh Paul, Professor & Dean - School of Media and Technology, seconded it.

The motion was carried.

G. Department of Computer Science and Engineering (Cyber Security)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} meeting of Board of Studies of Under Graduate (UG) Programmes under Department of Computer Science and Engineering (Cyber Security) to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

On behalf of Dean - School of Computing, **Dr. T. Rajendran**, Associate Professor & Head - Department of Computer Science and Engineering (Cyber Security), was permitted and presented the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. T. Rajendran, Professor & Head - Department of Computer Science and Engineering (Cyber Security), moved the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} Board of Studies of Under Graduate (UG) Programmes under the Department of Computer Science and Engineering (Cyber Security) to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

Dr. A. Arumugam, Professor & Head - Department of Commerce, seconded it.

The motion was carried.

H. Department of Information Technology

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 41^{st} and 42^{nd} meeting of Board of Studies of Under Graduate (UG) Programmes under Department of Information Technology to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

On behalf of Dean - School of Computing, **Dr. A. Peter Soosai Anandaraj**, Associate Professor & Head - Department of Information Technology, was permitted and presented the recommendations of the revised vision and mission of the department and Minutes of the 41^{st} and 42^{nd} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

The Members have suggested to make some corrections in the department revised vision

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

and mission.

Dr. A. Peter Soosai Anandaraj, Professor & Head - Department of Information Technology, moved the recommendations of the revised vision and mission of the department and Minutes of the 41^{st} and 42^{nd} Board of Studies of Under Graduate (UG) Programmes under the Department of Information Technology to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

Dr. S. Alex David, Professor & Head - Department of Artificial Intelligence and Machine Learning, seconded it.

The motion was carried.

I. M.Sc. (Data Analytics)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Minutes of the 8^{th} meeting of Board of Studies of M.Sc. (Data Analytics) to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

On behalf of Dean - School of Computing, **Dr. R. Aruna**, Professor & Head - M.Sc. (Data Analytics) was permitted and presented the recommendations of the Minutes of 8^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix AERO

Dr. R. Aruna, Professor & Head - Department of Information Technology, moved the recommendations of the revised vision and mission of the department and Minutes of the 8^{th} Board of Studies of M.Sc. (Data Analytics) to be implemented with effect from the Winter Semester of the Academic Year 2025-26, be approved.

Dr. M. Kavitha, Professor & Head - Department of Computer Science and Engineering, seconded it.

The motion was carried.

• School of Law - Under Graduate(UG) Programmes

a. B.A.,LL.B.(Hons) and B.Com., LL.B.(Hons)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 14^{th} meeting of the Board of Studies for **B.A., LL.B.(Hons)** and **B.Com., LL.B.(Hons)** to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

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Dr. B. Venugopal, Professor & Dean, School of Law, presented the recommendations of the revised vision and mission of the department and minutes of the 14^{th} meeting of Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix LAW

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. B. Venugopal , Professor & Dean, School of Law, moved the recommendations of the revised vision and mission of the department and Minutes of the 14^{th} meeting of the Board of Studies for **B.A., LL.B.** and **B.Com., LL.B.** to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. A. Jayabal, Professor & Dean - School of Commerce, seconded it.

The motion was carried.

- **Arts and Science - Under Graduate (UG) Programmes**

a) **B.Sc. Multimedia and B.Sc. Visual Communication**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 19^{th} meeting of the Board of Studies of Under Graduate (UG) Programmes under School of Media to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Dr. E. Suresh Paul, Professor & Dean - School of Media Technology & Communication, presented the recommendations of the revised vision and mission of the department and Minutes of the 19^{th} meeting of the Board of Studies meeting.

The Minutes of the BoS meeting can be accessed here

Appendix Media

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. E. Suresh Paul, Professor & Dean , School of Media Technology & Communication, moved the recommendations of the revised vision and mission of the department and Minutes of the 19^{th} meeting of the Board of Studies of Under Graduate (UG) Programmes under School of Media to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

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

Dr. V. Dhilipkumar, Professor & Associate Dean - School of Computing, seconded it.

The motion was carried.

b) Bachelor of Commerce (B.Com.)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} meeting of the Board of Studies of Under Graduate (UG) Programmes under School of Commerce to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Dr. A. Arumugam, Professor & Head, Department of Commerce, presented the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix Commerce

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. A. Arumugam, Professor & Head, Department of Commerce, moved the recommendations of the revised vision and mission of the department and Minutes of the 7^{th} and 8^{th} meeting of the Board of Studies of Under Graduate (UG) Programmes under School of Commerce to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. Amala Justus Selvam, Professor & Department of Mechanical Engineering, seconded it.

The motion was carried.

- **Arts and Science - Post Graduate Programmes**

a) Department of English

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 8^{th} and 9^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under **Department of English** to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

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Dr. P. Revathi, Associate Professor & Head, Department of English, presented the recommendations of the revised vision and mission of the department and Minutes of the 8^{th} and 9^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix ENG

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. P. Revathi, Associate Professor & Head, Department of English, moved the recommendations of the revised vision and mission of the department and Minutes of the 8^{th} and 9^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under **Department of English** to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. E. Suresh Paul, Professor & Dean (SoMT), seconded it.

The motion was carried.

b) Department of Mathematics

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 10^{th} and 11^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under **Department of Mathematics** to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Dr. J. Viswanath, Professor & Head, Department of Mathematics, presented the recommendations of the revised vision and mission of the department and Minutes of the 10^{th} and 11^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix MATHS

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr.J. Viswanath, Professor & Head, Department of Mathematics, moved the recommendations of the revised vision and mission of the department and Minutes of the 10^{th} and 11^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under **Department of Mathematics** to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

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Mrs.D.Kasthuri, Dean-incharge (Alumni Relations and Development), seconded it.

The motion was carried.

c) Department of Physics

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} and 10^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under **Department of Physics** to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

The Minutes of the BoS meeting can be accessed here

Dr. D. Senthil Kumar, Professor & Head, Department of Physics, presented the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} and 10^{th} meeting of the Board of Studies.

Appendix Physics

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. D. Senthil Kumar, Professor & Head, Department of Physics, moved the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} and 10^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under **Department of Physics** to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. Boopathy. G, Professor & Department of Aeronautical Engineering, seconded it.

The motion was carried.

d) Department of Chemistry

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} and 10^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under **Department of Chemistry** to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

The Minutes of the BoS meeting can be accessed here

Dr. CH. Hazarathaiah Yadav, Professor & Head, Department of Chemistry, presented the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} and 10^{th} meeting of Board of Studies.

Appendix Chemistry

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Vice Chancellor
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The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. CH. Hazarathaiah Yadav, Professor & Head, Department of Chemistry, moved the recommendations of the revised vision and mission of the department and Minutes of the 9^{th} and 10^{th} meeting of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under **Department of Chemistry** to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr.S.Saran Raj , Assistant Professor & Department of Computer Science and Engineering, seconded it.

The motion was carried.

- **Management - Under Graduate (UG) and Post Graduate (PG) Programmes**

A) Bachelor of Business Administration (B.B.A.)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and 7^{th} meeting of the Minutes of the Board of Studies for **Bachelor of Business Administration (B.B.A.)** to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Dr. K. Ravishankar, Professor & Dean - School of Management, presented the revised vision and mission of the department and minutes of 7^{th} meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix BBA

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. K. Ravishankar, Professor & Dean - School of Management, moved the recommendations of the 7^{th} meeting of the Board of Studies for **Bachelor of Business Administration (B.B.A.)** to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. Ajitha E., Associate Professor & School of Law, seconded it.

The motion was carried.

B) Master of Business Administration (M.B.A.)

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

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the revised vision and mission of the department and 31st meeting of the Minutes of the Board of Studies for **Master of Business Administration (M.B.A.)** to be implemented with effect from the Winter Semester of the Academic Year 2025-26.

Dr. K. Ravishankar, Professor & Dean - School of Management, presented the revised vision and mission of the department and recommendations of the minutes of 31st meeting of the Board of Studies.

The Minutes of the BoS meeting can be accessed here

Appendix MBA

The Summary and presentation of the BoS Minutes can be accessed here.

The Members have suggested to make some corrections in the department revised vision and mission.

Dr. K. Ravishankar, Professor & Dean - School of Management, moved the recommendations of the 31st meeting of the Board of Studies for **Master of Business Administration (M.B.A.)** to be implemented with effect from the Winter Semester of the Academic Year 2025-26 for consideration and approval.

Dr. S. Sridevi , Professor & Dean (Student Affairs), seconded it.

The motion was carried.

C. Items for Ratification

52.8 To ratify and record the admissions under Re-Admission category during the Winter Semester of the Academic Year 2025-26.

The Vice Chancellor, placed before the Academic Council, the admissions under Re-Admission category in the Winter Semester of the Academic Year 2025-26 for ratification.

Dr.E. Kannan, Professor & Registrar, presented that the list of students admitted through Re Admission category in the Winter Semester of the Academic Year 2025-26.

Table 2: Students admitted through Re-Admission - AY 2025-26 (Winter Semester)

S.No	Batch	ID No	Name of the Student	Degree	Depart -ment	Sem/ Year	Circular No
1	2022-23	VTA2378	T.Mouni-dharan	B.Com.LL.B (Hons)	-	VI/III	Circular No. 93 dated on 7.01.2026
2	2024-25	VTA3354	D.Sakthivel	B.B.A.	-	II/I	Circular No. 98 dated on 30.01.2026
3	2022-23	VTU 23288	K.Lakshmi Reddy	B.Tech	ECE	VII/IV	Circular No. 99 dated on 30.01.2026

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Table 2 continued from previous page

S.No	Batch	VTU No	Name of the Student	Degree	Depart -ment	Sem/ Year	Circular No
4	2023-24	VTU 28389	Katta Akhil	B.Tech	ECE (CS)	IV / II	Circular No. 99 dated on 30.01.2026
5	2023-24	VTA2930	K.Gokul	B.Com.	-	IV / II	Circular No. 100 dated on 3.02.2026
6	2024-25	VTA3368	N.Srinivasan	B.B.A.	-	II / I	Circular No. 101 dated on 4.02.2026
7	2024-25	VTU 30328	Patchala Akhil	B.Tech	CSD	III/ II	Circular No. 101 dated on 4.02.2026
8	2023-24	VTU 27379	K.Mohamed Sirajudeen	B.Tech	Aero	V / III	Circular No. 101 dated on 4.02.2026
9	2024-25	VTA3794	S.J.Abiman -yuva Raj	B.Com.LL.B (Hons)		II / I	Circular No. 103 dated on 11.02.2026
10	2022-23	VTA2322	B.Dhanush Kumar	B.Com.		IV / II	Circular No. 105 dated on 13.02.2026
11	2021-22	VTU 20811	Koya Sriram	B.Tech	ECE	V1 / III	Circular No. 105 dated on 13.02.2026

Dr.E. Kannan, Professor & Registrar, submitted "the list of students admitted through Re-Admission category in the Winter Semester of the Academic Year 2025-26" for ratification.

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

The motion was carried.

52.9 To ratify and record the admissions under Institution Transfer category during the Winter Semester of the Academic Year 2025-26.

The Vice Chancellor, placed before the Academic Council to ratify the list of students admitted through "Institution Transfer" category in the Winter Semester of the Academic Year 2025-26 for ratification.

Dr. E. Kannan, Professor & Registrar, presented the list of students admitted through Institution Transfer category in the Winter Semester of the Academic Year 2025-26.

Table 3: Institution Transfer Students Name List - AY 2025-26 (Winter Semester)

S.No	Name	Student ID	Year/ Sem	Department
1	Adithya Jithesh	VTU33820	II / IV	B.Tech. - CSE (AI & DS)

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Vice Chancellor
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Rangarajan Dr. Sagunthala
R&D Institute of Science & Technology

Dr. E. Kannan, Professor & Registrar, submitted "the list of students admitted through Institution Transfer category in the Winter Semester of the Academic Year 2025-26" for consideration and ratification.

The motion was seconded by **Dr. P. Chandrakumar** , Professor & Dean (R&D and Industry Relations).

The motion was carried.

52.10 To ratify and record the examination results of Semester End Examinations held during the Summer Semester of Academic Year 2025-26.

The Vice Chancellor, placed before the Academic Council to record the result analysis of the Semester end examination held during Summer Semester of the Academic Year 2025-26 for ratification.

Dr. S. Ramesh, Professor & Controller of Examinations, presented the result analysis of the Semester end examination held during Summer Semester of the Academic Year 2025-26.

The Result Analysis can be accessed here

Appendix Result Analysis

Members suggested to conduct special class for low percentage students.

Dr. S. Ramesh, Professor & Controller of Examinations, submitted "the result analysis of the semester end examination held during Summer Semester of the Academic Year 2025-26" for consideration and ratification.

The motion was seconded by **Dr. Muralidhar M S**, Professor & Dean (FME).

The motion was carried.

52.11 To ratify and record the admissions of candidates to the Doctoral (Ph.D.) level programmes in Engineering and Technology/ Science / Law /Management / Humanities /Arts for Winter Semester of the Academic Year 2025-26.

The Vice Chancellor, placed before the Academic Council, the admissions of candidates to Doctoral (Ph.D.) level programmes for Winter Semester of the Academic Year 2025-26 for ratification.

Dr. K. Jagajjanani Rao, Professor & Dean - Research Studies, presented the admissions of candidates to Doctoral (Ph.D.) level programmes for Winter Semester of the Academic Year 2025-26.

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

Table 4: Statistics of Ph.D. Admission AY 2025-26 (Winter Semester)

S.No.	Depart -ment	Applied	Shortlisted	Eligible for Entrance Exam	Through Entrance Exam	Provisionally Admitted		
						Full Time	Part Time	Total
Engineering								
1	AERO	3	3	3	2	1	1	2
2	BIO MEDICAL	2	2	2	1	1	0	1
3	BIOTECH	4	4	3	1	1	0	1
4	CIVIL	19	19	19	9	1	7	8
5	CSE	113	113	113	54	3	49	52
6	IT	10	9	9	4	0	1	1
7	ECE	36	36	35	15	4	9	13
8	EEE	7	7	7	2	0	2	2
9	MECH	11	11	11	5	2	3	5
TOTAL		205	204	202	93	13	72	85
S&H								
10	CHEM -ISTRY	9	9	5	2	0	3	3
11	COMPUTER SCIENCE	39	38	30	13	5	12	17
12	ENGLISH	31	20	5	2	0	7	7
13	MATHS	40	40	12	6	9	11	20
14	PHYSICS	11	11	9	0	1	0	1
TOTAL		130	118	61	23	15	33	48
MBA, Law, Commerce & Media and Communication								
15	MBA	20	15	13	6	0	7	7
16	LAW	15	12	9	4	0	5	5
17	COMMERCE	13	8	2	0	0	4	4
18	MEDIA	3	3	3	3	0	3	3
TOTAL		51	38	27	13	0	19	19
OVER ALL TOTAL		**386**	**360**	**290**	**129**	**28**	**124**	**152**

Dr. K. Jagajjanani Rao, Professor & Dean - Research Studies, submitted "the admissions of candidates to Doctoral (Ph.D.) level programmes for Winter Semester of the Academic Year 2025-26" for consideration and ratification.

The motion was seconded by **Dr. P. Suresh**, Professor & Dean (International Relations & HRDC).

The motion was carried.

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

D. Items for Reporting

52.12 To report and record the results of the Ph.D. viva voce conducted since last Academic Council held on November 22, 2025.

The Vice Chancellor, placed before the Academic Council, the results of the Ph.D. viva voce examinations conducted since last Academic Council held on November 22, 2025 for consideration and record.

Dr. S. Ramesh, Professor & Controller of Examinations, presented the report on results of the Ph.D. viva voce examinations conducted since last Academic Council held on November 22, 2025.

Ph.D. viva voce completed candidates list can be accessed here

Appendix Ph.D. viva voce

Table 5: Ph.D. viva voce Completed – Status – since last meeting held on 22.11.2025

Part Time Research Scholars		Full Time Research Scholars	Total Research Scholars since last ACM
Internal	External		
–	07	06	13

Table 6: 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
18	20	5	2	2	47	3 (All Published)

Total Number of Q1 Journals Published – 06 Research Articles
Total Number of Q2 Journals Published – 20 Research Articles

Table 7: Ph.D. Awarded details

S.No	Department	Mode of Study			Total No. of Scholars
		Part Time (External)	Part Time (Internal)	Full Time	
1	Aeronautical Engineering			1	1
2	Automobile Engineering	1			1
3	Biotechnology			1	1
4	Electronics and Communication Engineering	2		2	4
5	English			1	1

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

Table 7 continued from previous page

S.No	Department	Mode of Admission			Total No. of Scholars
		Part Time (External)	Part Time (Internal)	Full Time	
6	Management Studies	1			1
7	Mathematics	1		1	2
8	Mechanical Engineering	1			1
9	Law	1			1
	TOTAL	**7**	**-**	**6**	**13**

Dr. S. Ramesh, Professor & Controller of Examinations, submitted the report on "results of the Ph. D. viva voce examinations conducted since last Academic Council held on November 22, 2025" for considerations and recording.

The motion was seconded by **Dr.P.Vijayaraman**, Assistant Professor (SG) & Dean (Campus to Corporate).

The motion was carried.

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

The Vice Chancellor, placed before the Academic Council to report the progression of Department of Aeronautical, Civil, Mechanical Engineering, School of Media Technology and Office of Research and Development and their academic achievements.

a) Department of Aeronautical

Dr. R. Jegan Raj, Professor, Head - Department of Aeronautical Engineering, presented the Progression of Department of Aeronautical Engineering and their academic achievements.

Progression of the Department of Aeronautical Engineering can be accessed here

RESOLVED that "the Progression of Department of Aeronautical Engineering and their academic achievements" moved by **Dr. R. Jegan Raj**, Professor & Head - Department of Aeronautical Engineering, be approved and recorded.

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

b) Department of Civil Engineering

Dr. A. Geetha Selvarani, Professor & Head - Department of Civil Engineering, presented the Progression of Department of Civil Engineering and their academic achievements.

Progression of the Department of Civil Engineering can be accessed here

RESOLVED that "the Progression of Department of Civil Engineering and their academic achievements" moved by **Dr. A. Geetha Selvarani**, Professor & Head - Department of Civil Engineering, be approved and recorded.

c) Department of Mechanical Engineering

Dr. S. Jayavelu, Professor & Head - Department of Mechanical Engineering, presented the Progression of Department of Mechanical Engineering and their academic achievements.

Progression of the Department of Mechanical Engineering can be accessed here

RESOLVED that "the Progression of Department of Mechanical Engineering and their academic achievements" moved by **Dr. S. Jayavelu**, Professor & Head - Department of Mechanical Engineering, be approved and recorded.

d) School of Media Technology & Communication

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

Progression of the School of Media Technology & Communication can be accessed here

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

e) Office of Research and Development

Dr. P. Chandrakumar, Professor & Dean – R&D and Industry Relations, presented the Office of Research and Development and their academic achievements.

Progression of the Office of Research and Development can be accessed here

RESOLVED that "the Progression of Office of Research and Development and their academic acheivements" moved by **Dr. P. Chandrakumar**, Professor & Dean (R&D and Industry Relations), be approved and recorded.

Prof Rajat Gupta
Vice Chancellor
Vel Tech
R&D Institute of Science

E. Closing

52.14 Any other items with the permission of the Chairperson.

No item other than those listed in the Agenda was taken up for discussions.

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

It has been decided that the 53^{rd} Regular Meeting of the Academic Council will be held tentatively on **Saturday, May 30, 2026**.

52.16 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.

52.17 Adjournment

The meeting was closed at 02.00 PM.

Prof. Rajat Gupta
Vice Chancellor

Vel Tech
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R&D Institute of Science and Technology

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

No. 42, Avadi-Vel Tech Road, Avadi, Chennai, Tamil Nadu, Pincode-600 062.
Email: registrar@veltech.edu.in, Website: www.veltech.edu.in.

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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 15th Convocation of this Institution.	The proposal for the conduct of 15th 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 50^{th} 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 28^{th} 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 28^{th} 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 28^{th} 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 propesed 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 Ammendments

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 15^{th} Convocation held on November 29 & 30, 2025.

The Vice Chancellor, placed the proposal of the "15^{th} 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 15^{th} 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 "15^{th} 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 atteneded FDP/Workshop details.

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

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

The list of Faculty atteneded 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 atteneded 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.

ABC/APAAR ID list can be accessed here

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

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 Continous 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 Continous 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 Continous 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 Continous 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 acheivements.

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 acheivements" 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 acheivements.

Progression of the School of Media Technology can be accessed here

RESOLVED that "the Progression of School of Electrical and Communication and their academic acheivements" 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 acheivements" 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 52^{nd} 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.

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Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
DEEMED TO BE
University
(Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai



Vel Tech University

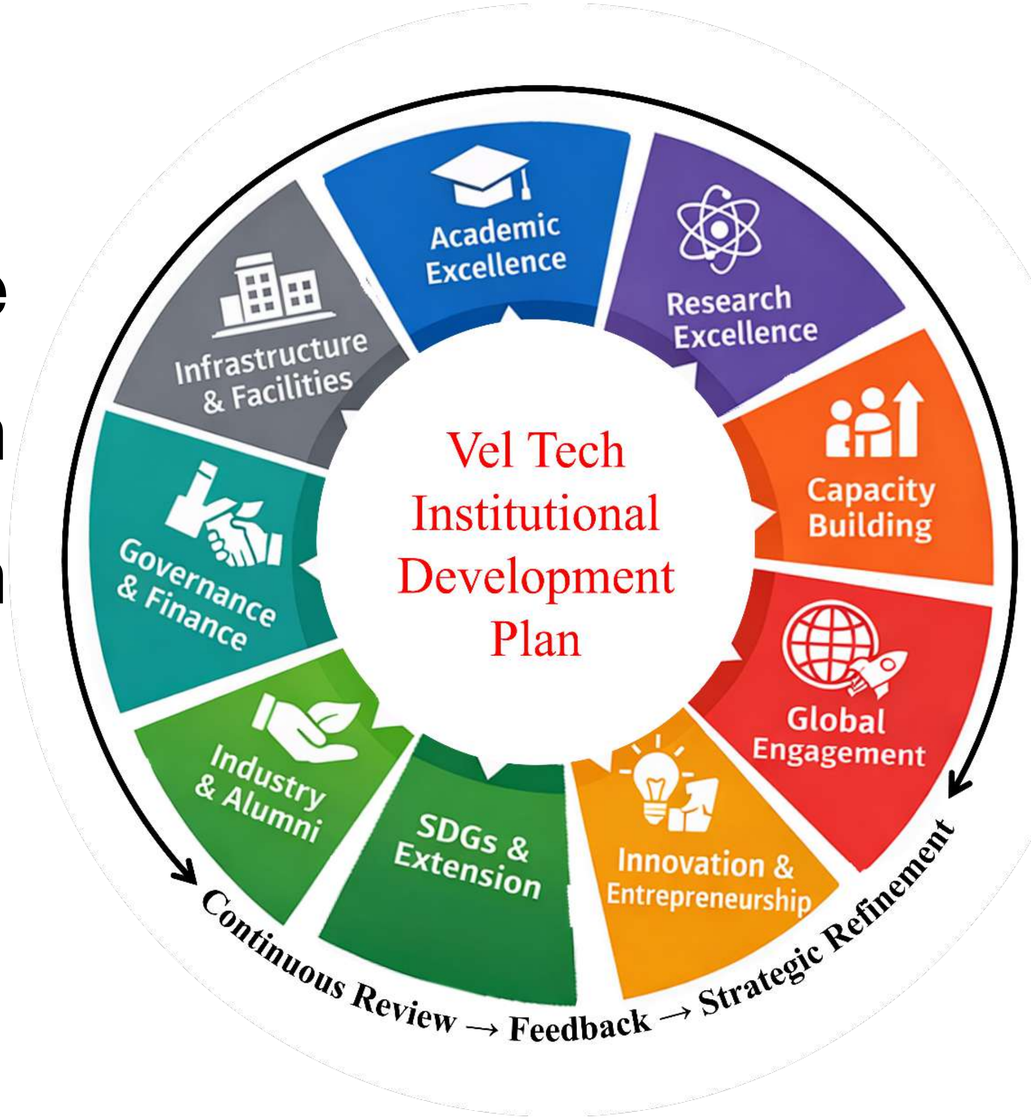
52nd MEETING OF THE ACADEMIC COUNCIL

Institutional Development Plan (IDP)

Dr. P. Chandra Kumar, Dean, Research & Development, Industry Relations and TBI

Institutional Development Plan

IDP duly approved by the Executive Council at its 66th Meeting held on December 27th, 2026 for the Discussion and Implementation



Agenda

- Academic Excellence
- Research Excellence
- Capacity Building – Faculty and Students
- Global Visibility and Collaboration
- Innovation, Incubation and Entrepreneurship
- Sustainable Development Goals & Extension activities
- Industry Collaborations and Alumni Engagement
- Governance and Finance
- Infrastructure and Facilities

Steps followed to Revise University Vision and Mission

Initiation and Committee Formation (Top Management, IQAC and Senior Faculty members)

Stakeholder Engagement

Gather input through meetings and surveys from stakeholders, including faculty, students, employers, and alumni to ensure the statements are relevant.

Drafting the Revision : Discussion and review

Feedback and Refinement:

Approval Process

Old Vision & Mission - Institute

Vision

To create, translate and disseminate frontiers of knowledge embedded with creativity and innovation for a positive transformation of emerging society.

Mission

M1: To nurture excellence in teaching, learning, creativity and research translate knowledge into practice
M2: To foster multidisciplinary research across science,medicine, engineering, technology and humanities
M3: To incubate entrepreneurship; instill integrity and honour
M4: To inculcate scholarly leadership towards global competence and growth beyond self in a serene, inclusive and free academic environment.

Revised Vision & Mission

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

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

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(Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai

SWOC

S

- 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

W

- 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

O

- 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

C

- 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

Enabler 1: Academic Excellence 2026-2040

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

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

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

Enabler 4: Global Visibility And Collaboration 2026-2040

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

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

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

SDG - Adaptation Schedule

Multidisciplinary education	SDG 4 – Quality Education	Long Term
Research & Innovation	SDG 9 – Industry Innovation	Long Term
Academic Flexibility	SDG 8 – Decent Work	Medium Term
Technology Integration	SDG 9 –Infrastructure	Long Term
Quality & Accountability	SDG 10 – reduced inequality	Long Term
Internalization	SDG 17 – Partnerships	Long Term

SDG - Adaptation Schedule

Sustainability Initiatives	SDG - 6, 11, 12 & 13	Medium Term
Solar campus	SDG 7– Affordable and Clean Energy	Long Term
Digital Village	SDG 4 – Quality Education	Long Term
Startup Accelerator	SDG 9 –Infrastructure	Long Term

Enabler 7: Industry Collaboration And Alumni Engagements 2026-2040

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

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

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

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

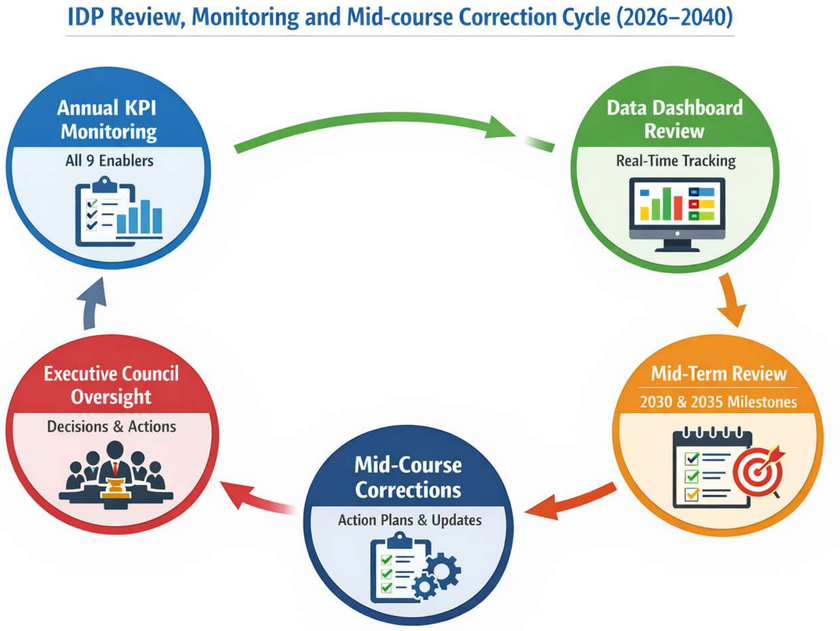
2. Digital Data Dashboards for Continuous Monitoring

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

4. Executive Council Oversight and Governance Review

5. Mid-course Corrections and Action Planning

6. Continuous Improvement and Institutional Learning



Review, Monitoring and Mid-course Correction Framework

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	Dean Academics/ 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

Review, Monitoring and Mid-course Correction Framework

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

REVIEW, MONITORING AND MID-COURSE CORRECTION FRAMEWORK

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

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Department of Aeronautical Engineering

VELTECH AERONAUTICAL ENGINEERING



52*nd* MEETING OF THE ACADEMIC COUNCIL

Sunday, February 22, 2026, at 10.30 a.m

Summary of 30th BoS Minutes

Hearty Welcome to the Members of the Academic Council

Summary of BoS

Revision of Vision & Mission

Strategic Context & Need:

1. Revision of Institute Vision and Mission
2. Strategic Planning of the Department

Methodology:

Institute Vision and Mission, SWOC analysis, Market study, Benchmarking with leading global institutions, Industry, alumni, faculty, and student feedback.

Key Insights from Market Study:

- Aerospace shifting toward indigenous design and manufacturing.
- Strong growth in autonomous systems, AI, digital engineering, and space economy.
- Rising demand for sustainable propulsion and smart materials.
- Increasing need for interdisciplinary, software-driven aerospace education.
- Ethical leadership and responsible innovation becoming critical.

Stakeholders' Inputs on Vision & Mission:

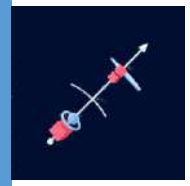
- Align emerging aerospace trends while retaining core intent.
- Added focus on digital aerospace, AI, autonomy, and rapid prototyping.
- Strengthened practice-immersive and research-driven learning.
- Expanded industry engagement with startups and translational collaboration.
- Emphasized ethical, sustainable use of intelligent systems.
- Improved clarity, future-readiness, and industry relevance

Summary of BoS

Recommended Vision and Mission

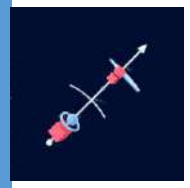
Vision : To ***pioneer Air, Space, Defence, and Unmanned Systems*** by advancing research-driven indigenous technologies, nurturing a diverse, ethical aerospace community that ***creates sustainable and responsible societal*** impact.

Mission



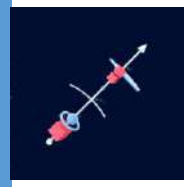
To empower aerospace professionals through ***a stimulating learning ecosystem*** that delivers ***practice-immersive, outcome-based, globally aligned*** education fostering interdisciplinary and research-driven learning integrated with emerging technologies.

PBL & Makerspace
Student-Centric Class Room



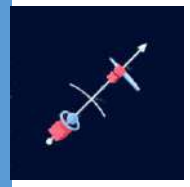
To advance an ***interdisciplinary research ecosystem*** that develops ***indigenous***, sustainable, and secure aerospace solutions in emerging aerospace technologies, ***translating innovation into impactful technologies*** addressing global challenges.

CASR – Research Park
Consultancy on Indigenous Tech



To strengthen the ***aerospace ecosystem*** by aligning with emerging technologies and building ***strategic partnerships with industry, startups and global organizations***, enabling responsible ***translational research and the exchange of talent***, technology and knowledge.

Abroad & Industry Expert Courses
Joint PG & RPTO Programs



To nurture ***inclusive, diverse, and ethical aerospace professionals*** advancing responsible ***innovation and research through sustainable practices***, human–machine collaboration, and the ***accountable use of autonomous and intelligent*** aerospace systems toward a sustainable, equitable, and future-ready world.

Norms & Ethical Practices
Design Thinking

Summary of BoS

Revision of PEOs & PSOs

Strategic Context & Need: Revision of the Department Vision & Mission, Strategic Planning of the Department
Methodology: Institute & Department Vision and Mission, SWOC analysis, Market study, Benchmarking with leading global institutions, Industry, alumni, faculty, and student feedback.

PEO Revision — Key Board Decisions:

PEO wording reduced without changing core meaning.

- Aligned with revised Vision & Mission and market study insights.
- Added emphasis on emerging technologies, autonomy, and global outlook.
- Strengthened focus on responsible impact, innovation, and interdisciplinary practice.
- Improved clarity, measurability, and professional relevance.

Revised PEO Focus Areas:

- Professional practice, leadership, and emerging air–space–defence technologies.
- Higher studies, global engagement, and complex problem solving.
- Responsible innovation, sustainability, and lifelong learning.

PSO Revision — Key Board Decisions:

- Converted multi-point PSOs into concise outcome-based statements.
- Updated terminology to reflect state-of-the-art engineering tools and emerging technologies.
- Expanded scope toward air, space, defence, autonomy, and product innovation.
- Strengthened alignment with practice-immersive education, research ecosystem, and ethical leadership.

Revised PSO Focus Areas:

- Autonomous drones and emerging aerospace systems integration.
- Space & defence aerospace systems design and analysis.
- Aerospace product development using design thinking and rapid prototyping.

Summary of BoS

Recommended PEOs & PSOs for B.Tech. Aeronautical Engg.

Graduates are expected to perform and achieve during the first few years after graduation.

PEO1 – Professional Practice & Leadership

Practice successful careers in aeronautical and allied sectors by contributing to the design, development, and operation of emerging air, space, and defence technologies, demonstrating innovation, teamwork, and leadership in professional environments.

PEO2 – Higher Studies & Global Impact

Pursue higher studies and professional advancement by applying engineering principles and emerging technologies to address complex air, space, defence, and autonomous systems challenges at national and global levels.

PEO3 – Responsible Innovation & Lifelong Learning

Solve real-world aerospace problems by integrating technological, ethical, business, and sustainable practices and continuously enhancing professional, managerial, and lifelong learning competencies in emerging technologies.

Summary of BoS

Recommended PEOs & PSOs for B.Tech. Aeronautical Engg.

Revised PSOs are given below:

PSO1 – Autonomous Drone & Emerging Aerospace Systems
Design, develop, and integrate aerial platforms with autonomous navigation, sensing, and control systems using aeronautical principles and state-of-the-art engineering tools, addressing real-world applications through sustainable and ethical deployment of emerging aerospace technologies.

PSO2 – Space & Defence Aerospace Systems Design and Integration
Analyse, design, and integrate air, space, and defence aerospace systems by applying aerodynamics, propulsion, structures, and mission performance principles using emerging engineering technologies, delivering reliable, standards-compliant, and ethically responsible solutions.

PSO3 – Aerospace Product Development and Innovation

Conceptualize, prototype, and validate aerospace components and systems using design thinking, simulation-driven engineering, rapid prototyping, and emerging technologies, enabling safe, sustainable, and responsible product realization aligned with industry and societal needs.

Summary of BoS

Revision of R25
B.Tech. Aeronautical Engg.

Curriculum Modernization

- Revised based on stakeholder feedback, market study, and updated Vision–Mission, PEOs, PSOs.
- Strategic shift toward autonomy, digital aerospace, sustainability, and space technologies.
- Alignment with national initiatives, global workforce trends, and institutional priorities.

Stakeholder-Driven Enhancements:

- Increased experiential learning: internships, design–build–fly, flight testing.
- Early integration of software tools: MATLAB, Python, ANSYS, FEM, CATIA.
- Inclusion of AI/ML, UAV autonomy, satellite basics, and electric propulsion.
- Strengthening systems engineering, certification awareness, and safety concepts.
- Enhanced industry alignment through projects, lectures, and innovation electives.

Benchmarking & Syllabus Directions:

- Benchmarked with IITM, MIT USA, and NTU.
- Industry case studies, standards, and regulations across courses.
- Makerspace with AIML, data-driven and PCB design projects.
- Sustainability integration and hypersonics exposure in aerodynamics.
- Focus on apply–analyze–design–evaluate learning outcomes.

Course-Level Strategic Changes

Streamlined aerodynamics sequence and integrated lab components, Expanded flight mechanics toward aircraft & spacecraft mission design. Propulsion updated toward thermodynamics and sustainable energy focus, Structures strengthened with FEM and emerging materials content.

ESA domain introduced and enhanced with AI, autonomy, avionics, and digital aerospace.

Summary of BoS

Revised Curriculum R25 – UG Aero

Course Code	Course Name	L	T	P	A	C
AD-C1	Fundamentals of Aerodynamics	1	1	2	2	3
AD-C2	High speed Aerodynamics	1	1	2	2	3
AD-C3	Computational Aerodynamics	2	1	2	3	4
AD-C4	Experimental Aerodynamics	1	0	4	1	3

Course Code	Course Name	L	T	P	A	C
FMC-C1	Introduction to Flight	1	0	2	1	2
FMC-C2	Aircraft and Spacecraft Performance & Mission Design	2	1	0	3	3
FMC-C3	Flight Dynamics & Stability	2	2	0	4	4
FMC-C4	Flight Control Systems & Flight Testing Laboratory	1	1	4	2	4

Course Code	Course Name	L	T	P	A	C
PROP-C1	Thermodynamics for Aeronautical Engineers	1	1	2	2	3
PROP-C2	Gas Turbine & Sustainable Propulsion	1	1	2	2	3
PROP-C3	Rocket Propulsion & Space Systems	1	1	2	2	3
PROP-C4	Computational Heat Transfer	2	0	2	2	3
PROP-C5	Propulsion & Energy Laboratory	0	0	2	0	1

Course Code	Course Name	L	T	P	A	C
STR-C1	Statics & Dynamics	1	1	0	2	2
STR-C2	Strength of Materials	1	1	2	2	3
STR-C3	Aircraft Structural Analysis	1	1	2	2	3
STR-C4	Structural Dynamics & Aero elasticity	2	1	0	3	3
STR-C5	Materials & Manufacturing Laboratory	0	0	2	0	1
STR-C6	Finite Element Methods	1	0	2	1	2

Course Code	Course Name	L	T	P	A	C
ESA-C1	Aircraft Systems, Instruments & Avionics	1	0	2	1	2
ESA-C2	AI, Autonomous Systems, & Digital Aerospace Engineering	1	0	2	1	2
ESA-C3	Makerspace Laboratory	0	0	2	0	1

Summary of BoS

Revision in Existing Regulations

Addition of MooC Electives in R21 & VEE in R15, MooC Electives in PG R23

Open Elective from Nasscom:

S No	Title	Hours / Credit	Link
1	Data Processing and Visualisation	15 Hrs / 1 Credit	www.futureskillsprime.in/course/data-processing-and-visualisation/
2	Digital Application Fundamentals (STEM)	30 Hrs / 2 Credit	https://www.futureskillsprime.in/journey/daf-stem/

Program Electives from NPTEL:

Specialization	Name	Credit	Offering by	Link
ADT-NPTEL-WS2526	Aeromechanics of Unmanned Aerial Vehicles / Drone	3	IIT Kanpur, Prof. Prof. Abhishek	https://nptel.ac.in/courses/101104807
CE-NPTEL-WS2526	COMPUTATIONAL GAS DYNAMICS	3	PROF. RAJESH RANJAN Department of Aerospace Engineering PROF. NIRANJAN SAHOO Department of Mechanical Engineering IIT Kanpur	https://archive.nptel.ac.in/content/syllabus_pdf/101104806.pdf
A&D-NPTEL-WS2526	Fundamentals of Supersonic and Hypersonic Flow	3	IIT Kharagpur Prof. Arnab Roy	https://nptel.ac.in/courses/101105333
A&D-NPTEL-WS2526	Advanced Aircraft Control Systems with MATLAB/SIMULINK	3	By Prof. Dipak Kumar Giri, Prof.Prabhjeet Singh | IIT Kanpur, PEC, Chandigarh	https://onlinecourses.nptel.ac.in/noc26_ae09/preview

B.Tech. / M.Tech.	Course Code	Cat	Credit
M.Tech.	UAV in Engineering Applications	MOOC-PE	3
M.Tech.	Remote Sensing: Principles and Applications-Remote Sensing: Principles and Applications	MOOC-PE	3
M.Tech.	Rocket Propulsion	MOOC-PE	3
M.Tech.	Advance Aircraft Maintenance	MOOC-PE	3
M.Tech.	Introduction to Airplane Performance	MOOC-PE	2
M.Tech.	Design of Fixed Wing Unmanned Aerial Vehicles	MOOC-PE	2
M.Tech.	Drone Systems and Control	MOOC-PE	3
M.Tech.	Introduction to CFD	MOOC-PE	3
M.Tech.	UAV Design - Part II	MOOC-PE	2
M.Tech.	Introduction to Aircraft Design	MOOC-PE	3
B.Tech.	Professional Ethics, Human Values & industrial Practice	VEE	4

Summary of BoS

Thank you
Comments & Discussion

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School of Mechanical & Construction

Department of Civil Engineering

30th &31ST Board of Studies Meeting

27.12.2025 & 14.02.2026

Minutes of the Meeting

Vision and Mission of the Department

VISION OF THE DEPARTMENT

To emerge as a globally recognized department committed to quality in education, research, and innovation, fostering sustainable, resilient infrastructure through collaborative and technology-integrated learning for societal benefit.

MISSION OF THE DEPARTMENT

- To deliver globally benchmarked, outcome-based education through industry-aligned curricula, experiential learning, and integration of emerging technologies to develop competent professionals.
- To promote industry collaboration, entrepreneurship, innovation and interdisciplinary research contributing to global development in alignment with sustainable development goals
- To build strong industry and global institutional partnerships for joint research, innovation, faculty and student mobility.
- To nurture ethical values, leadership, teamwork, safety and quality consciousness among students and faculty while fostering diversity and gender equity among all stakeholders.

The following items were discussed by the members, and the BoS recommended to the ACM.

- The BOS members approved the Action Taken Report on the minutes of the 29th BOS Meeting, held on 09-05-2025.
- The BOS Chairman discussed the proposed Programme Elective Courses for the B.Tech. Civil Engineering programme under the “VTR UGE 2025” regulation. The BOS members evaluated each course under the respective domains and provided valuable recommendations and comments.
- The members highlighted the need to incorporate topics related to sustainable construction materials, green building concepts, and smart construction tools in appropriate courses.
- The members recommended the implementation of smart city infrastructure requirements, and advanced automation tools and software in higher-level Programme Elective Courses.
- The proposed Specialized Programme Elective Course under Section 7.2.2 of VTR UGE 2021 titled “10212CE903-Whole Building Life Cycle Assessment”and the Industry/Higher Learning Interaction Course under Section 7.2.6 titled “10215CE905-Embodied Carbon Management and Life Cycle Assessment in Buildings”, to be offered during the Winter Semester of the Academic Year 2025–26, were approved by the BOS members.
- The BOS members also approved the transfer of credits for students who completed NPTEL MOOC courses under the Open Elective category in the M.Tech. programme and under the Programme Elective/Open Elective categories in the B.Tech. programme during the Summer Semester of the Academic Year 2025–26.

Thank you

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DEPARTMENT OF MECHANICAL ENGINEERING

SCHOOL OF MECHANICAL AND CONSTRUCTION

MINUTES OF MEETING
42nd and 43 rd Board of Studies
Mechanical Engineering

Members Present

1. Dr. Jayavelu S., Chairman, Board of Studies & Head of the Department, Mechanical Engineering.

2. Dr. G. L. Samuel, Professor, Manufacturing Engineering Section, Department of Mechanical Engineering, IIT

3. Dr. M. Omkumar, Professor, Department of Manufacturing Engineering, Anna University

4. Mr. Ravikumar Samuthiram, Chief of R&I Testing and Validation, Iniciotek Pvt. Ltd.

5. Mr. Prabhu, Alumni Representative, SPP Industries Pvt. Ltd.

6. Faculty members of the Department of Mechanical Engineering

The BoS members reviewed the proposed Department Vision statement and observed that it was generic and suitable for any engineering branch. It was suggested that the Vision should explicitly reflect **Mechanical Engineering and convergent technologies**.

The members recommended that the Department Mission statements should be **programme-specific for UG and PG programmes**, clearly reflecting the outcomes of Mechanical Engineering education.

It was suggested to emphasize the development of **ethical, responsible, and professionally competent mechanical engineers** in the Mission statements.

The importance of incorporating **latest technologies and high-quality engineering education** was highlighted to meet global and industry expectations.

The members suggested including emerging domains such as **Mechatronics, Artificial Intelligence, Robotics, and other convergent technologies** in the Mission statements.

Based on the deliberations, the Department Vision and Mission statements were **refined to align with the Institutional Vision and Mission, emphasizing core mechanical engineering, convergent technologies, research orientation, industry relevance, and professional ethics**.

Department Vision and Mission

Department Vision

To achieve world class excellence in Mechanical Engineering education and research by nurturing innovative and responsible professionals committed to sustainable societal development

Department Mission

M1: To impart quality education through innovative teaching–learning processes that prepares competent mechanical engineers.

M2: To foster a vibrant research environment that promotes interdisciplinary research and sustainable solutions for societal challenges.

M3: To establish strong collaborations with convergent industries and research organizations to promote experiential learning, career opportunities, and entrepreneurship.

M4: To develop mechanical engineering professionals with integrity, inclusive leadership, excellence, and commitment to diversity and gender equity through value-based education.

ITEMS FOR CONFIRMATION

Agenda No.	Agenda
42.00	Action taken report on Minutes of 41st BoS meeting
42.01	To confirm and approve the 41st Board of Studies minutes of the meeting held on 10th May 2025.
42.02	To record the leave of absence of members.

ITEMS FOR DISCUSSION AND APPROVAL

42.03 To discuss and approve the semester-wise course structure for B.Tech. Mechanical Engineering – VTRUGE 2025.

42.04 To discuss and approve the syllabi for III and IV Semester B.Tech. Mechanical Engineering under VTRUGE 2025 .

42.05 To discuss and approve the list of Self-Learning Courses offered through NPTEL/SWAYAM for Winter Semester (WS) 2025–26.

ITEMS FOR RATIFICATION

42.06 To ratify the list of Ph.D. coursework courses with newly assigned course codes.

42.07 To ratify the list of students who completed Industry / Higher Learning Institute Interaction Courses during Summer Semester (SS) 2025–26.

42.08 To ratify the list of students who completed NPTEL/SWAYAM courses during Summer Semester (SS) 2025–26.

ITEMS FOR REPORTING

42.09 To report faculty and student accomplishments for the Calendar Year (CY) 2025.

Thank You

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SCHOOL OF ELECTRICAL AND COMMUNICATION

DEPARTMENT OF BIOTECHNOLOGY

VISION & MISSION OF THE DEPARTMENT



Department of Biotechnology

Vision

To pioneer academic and interdisciplinary research excellence in biotechnology for sustainable real-world solutions.

Mission

M1: To impart holistic **academic excellence in biotechnology** through experiential learning and emerging technologies to enhance global employability and professional readiness.

M2: To promote **bio-entrepreneurship** for sustainable societal, healthcare, and environmental solutions**.**

M3: To foster **strong collaborations with global institutions- industry** through **translational research**, technology transfer and joint innovation.

M4: To nurture ethical, leadership-driven biotechnologists committed to excellence, equity, and **inclusion for sustainable global development.**

15th Board of Studies Minutes -Summary

The 15th BOS meeting was held on 11th DEC 2025.

The discussions have been made on the following points.

1. The actions taken report of the previous 14th BoS meeting was confirmed.
2. The list of courses to be offered for the upcoming Winter Semester of the Academic Year 2025–26 was presented and recommended.
3. The Board reviewed and recommended the New B.Tech Biotechnology curriculum and structure in alignment with the NEP 2020 guidelines under the VTR UGE 2025 regulations.
4. The syllabus revision of the courses Bioprocess Engineering (10211BT110) and prerequisite for Metabolic Engineering (10211BT113) under VTR UGE 2021 regulations were reviewed and approved.

15 TH Board of Studies Minutes -Summary

Contd..

5. The B. Tech (Honors) curriculum was revised and the Board members suggested introducing an integrated course (Theory and Lab) for Analytical and Instrumentation Engineering.

6. The proposed list of NPTEL courses for Program Electives, Open Electives, and Honors Courses, was presented and approved.

7. The list of Industry-based, IHL and value-added courses, was proposed and the members approved those courses.

8. The achievements of the faculty members and the students have been reported. The Board reviewed and recorded the results of the previous Semester End Examination.

9. Proposed Vision and Mission statements were presented and discussed at the 16th BOS meeting which was held on 18th Feb 2026.

THANK YOU

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Avadi, Chennai

School of Electrical and Communication

Department of Electronics and Communication Engineering

44th & 45th BoS Meeting Minutes

Held on 19th December 2025 & 16th February 2026
@ Conference Hall- 10.00 am



Board of Studies
VTU ECE

Presentation to 52nd ACM meeting

44th and 45th Meeting– Board of Studies – External Members

S.No.	Name of the Expert	Designation
1.	**Dr. M Manikandan,** Professor, Department of Electronics Engineering, MIT Campus, Anna University, Chennai - 600044. Email: maniiz@annauniv.edu Mobile: 9080505050	Academic Expert
2.	**Mr. Dhanapathy Krishnamoorthy,** Principal Engineer - Silicon Technologist Intel Start-Up Mentor, Bangalore	Industry Expert
3.	**Mr. Vinodhan P,** Organization name : Barclays Designation: Devops Engineer Email: vinodhan90@gmail.com Mobile: 8300594668	Alumni **[B.Tech. ECE - Graduation Year: 2015]**

Summary of 44th BoS Meeting – Items for Discussion

- The syllabi for the **UG programme core and elective courses** to be offered **under VTR UGE 2025** was discussed.
- The course contents of **8 programme core, 22 programme elective, 9 specialization elective, 1 open elective and 3 honour elective courses** were reviewed and recommended.
- As an outcome of the faculty industry training, **two industry-driven programme elective courses** were proposed and the course contents were discussed.
- The faculty members who attended NASSCOM ERD training programme proposed to offer **B.Tech. ECE with specialization in Embedded Systems and Software Technologies.**
- The list of courses under the **specialization 'Embedded Systems and Software Technologies'** and the syllabus for **'Embedded Software Engineering II'** was discussed.
- The list of **8 Value Added Courses** to be offered during Winter Semester (WS) 2025-26 was discussed and approved.

Summary of 44th BoS Meeting – Items for Discussion

- The BoS members reviewed and approved the **list of 12 Industry/Higher Learning Institute Interaction courses** for WS 2025-26.
- The list of **7 programme elective and 4 open elective courses** to be offered **under NPTEL MOOC** courses were recommended for inclusion.
- The syllabi for **3 newly introduced Ph.D. coursework** were reviewed and approved by the experts.

Summary of 44th BoS Meeting – Items for Ratification

•The BoS members ratified the **list of 6 Value Added Courses, 8 Industry/Higher Learning Institute Interaction courses, and NPTEL MOOC courses offered as programme elective (9) and open elective (4)** during Summer Semester 2025-26 were recommended for inclusion.

Summary of 44th BoS Meeting – Items for Reporting

- The BoS Chair reported the syllabi of the **industry-driven UG programme elective (4) courses** offered under VTR UGE 2021 and presented the details of **credit transfer** for programme elective courses completed through Swayam Plus provided by IITM Pravartak and through Industry/Higher Learning Institute Interaction.
- The **student performance, placements and achievements** for the academic year (AY) 2024-25, including results and national-level competition achievements were presented.
- The **faculty contributions and achievements during SS 2025-26**, including certification courses, industry training participation and IEEE funding received for event organization were reported.
- The **Academic Audit Report for AY 2024-25** and the corresponding action taken report were presented and reviewed by the members.
- The **consolidated faculty feedback on courses** handled during SS 2025-26 were reviewed and the improvements implemented were discussed.

Summary of 45th BoS Meeting – Items for Discussion

- The BoS members **reviewed and finalized the Department Vision and Mission statements** in alignment with the revised Institute Vision and Mission which has been framed based on the Institutional Development Plan and stakeholders' feedback.
- The vision and mission statements were recommended for approval by the members.

VISION:

To emerge as a centre of academic and research excellence in Electronics and Communication Engineering by fostering innovation, interdisciplinary learning and global engagement, contributing to sustainable technological development and societal progress.

MISSION:

M1: To provide outcome-based education through a strong foundation in core concepts, experiential learning and adoption of emerging technologies.

M2: To cultivate a research-driven academic environment that encourages innovation, entrepreneurship and interdisciplinary research addressing societal and sustainable development challenges.

M3: To enhance professional competence and global exposure through academic, industry and international collaborations for joint research, internships and academic mobility.

M4: To develop ethically grounded and socially responsible professionals by fostering teamwork, leadership, diversity and gender equity within a supportive academic and research ecosystem.

Summary of 45th BoS Meeting – Items for Discussion

- The proposal for introducing new academic programmes, namely **B.Tech. – VLSI, M.Tech. – VLSI and B.Tech ECE with specialization in Quantum Communication** was put forth in the meeting.
- The expert members highly recommended the introduction of the VLSI programmes and suggested assessing placement opportunities for the Quantum Communication specialization or initiating a research group as a preliminary step.

Thank You

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SCHOOL OF
ELECTRICAL & COMMUNICATION

DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING

35th and 36th
BOARD OF STUDIES
MINUTES OF MEETING SUMMARY

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

BOARD OF STUDIES MEMBERS

S.No.	Name of the Member	Responsibility
1	**Dr. K. Karunanithi** Professor and Head/EEE Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai	Chairman, Board of Studies
2	**Dr. B. Arun Karuppaswamy** Associate Professor Department of Electrical Engineering Indian Institute of Technology Madras	Academic Expert
3	**Mr. Gurusamy Subramanian** Senior General Manager - Engineering Schneider Electric Systems India, Chennai	Industrial Expert
4	**Dr. S. Ramesh** Professor/EEE Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai	Special Invitee
5	**Mr. K. Sarath Babu** B.Tech. 2016 Batch & M.Tech. 2019 Batch, Project Manager, Sri Easwari Scientific Solution Pvt Ltd., Chennai	Alumni Representative

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

BOARD OF STUDIES MEMBERS

S.No	Name of the Member	Responsibility
1	**Dr. P. K. Dhal** Professor/EEE	Internal Member
2	**Dr. P. Chandrasekar** Professor/EEE	Internal Member
3	**Dr. S. Sivakumar** Professor/EEE	Internal Member
4	**Dr. K. Vinoth** Professor/EEE	Internal Member
5	**Dr. N. K. Rayaguru** Professor/EEE	Internal Member
6	**Dr. K. Karthikumar** Professor/EEE	Internal Member
7	**Dr. S. Vinoth John Prakash** Associate Professor/EEE	Internal Member
8	**Dr. P. Sivaraj** Assistant Professor/EEE	Internal Member

35th Meeting for Board of Studies (BoS) was held on 22nd December, 2025.

Minutes of the Meeting – Summary

Items Confirmed	The minutes of the 34th BoS meeting were presented to the members and confirmed after discussion.
Items Discussed	❑ The curriculum structure of B.Tech. – VTR UGE 2025 Regulations and the B.Tech. – Electrical and Electronics Engineering syllabi were reviewed and the experts provided their recommendations for approval. ❑ The list of NPTEL / SWAYAM / NASSCOM FutureSkills Prime self-learning courses for B.Tech. and M.Tech. programmes was reviewed and recommended for approval. ❑ The scheme of evaluation for the Value-Added Course (VAC) under VTR UGE 2025 Regulations was reviewed and recommended for approval.

35th Meeting for Board of Studies (BoS) was held on 22nd December, 2025.

Minutes of the Meeting – Summary

Items Ratified	❑ Course mapping for institute transfer students under VTR UGE 2021 Regulations was ratified. ❑ NPTEL / SWAYAM self-learning courses were ratified. ❑ Embedded Software Engineering Specialization course list and syllabi were ratified.
Items Reported	❑ Stakeholders' feedback on the curriculum was presented and recommendations for incorporation into VTR UGE 2025 Regulations syllabi framework were approved. ❑ Interim feedback report of Summer Semester AY 2025-26 courses was presented. ❑ Faculty and student accomplishments in CY 2025 were reported.
Any Other Items	❑ Events, placement details and WS AY 24-25 end-semester examination results were presented.

36th Meeting for Board of Studies (BoS) was held on 14th February, 2026.

Minutes of the Meeting – Summary

Items Confirmed	The minutes of the 35th BoS meeting were presented to the members and confirmed after discussion.
Items Discussed	❑ Stakeholders' feedback on the proposed revisions to the Vision and Mission statements was reviewed and considered for incorporation. ❑ The revised Vision and Mission statements were presented to the members. The members recommended the revised vision and mission statements for approval. ❑ The composition of the Department Advisory Committee (DAC) members was presented and approved by the members.

DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING

Revised Vision and Mission Statements

Vision		To offer quality education in Electrical and Electronics Engineering that builds strong principles, enhances employability skills, promotes interdisciplinary research and develops leaders capable of delivering technological solutions to societal and industrial challenges.
Mission	**M1**	To provide strong fundamentals and globally relevant education through outcome-based teaching and learning.
	M2	To enhance academic, industry and international collaborations for experiential learning, leadership development, teamwork and employability.
	M3	To cultivate a research-oriented academic environment that promotes innovation, interdisciplinary learning, and solutions to industrial challenges and societal needs.
	M4	To instil ethical values, sustainability, social responsibility, respect for diversity and lifelong learning in engineering practices.

School of Computing

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
Chennai, Tamil Nadu, India

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Board of Studies

Meeting Minutes Summary

in

52nd ACM



Academic Year : 2025-26

Welcome to ACM Members



Prof. Dr. SP. Chokkalingam

Dean - School of Computing

22nd Feb 2026, Sunday



Vel Tech

Bos - Department Details

S.No.	Department	BoS No.	Held on	Head of the Department
1	CSE	43 & 44	08.12.25 17.02.26	Dr. M.Kavitha, Professor & Head
2	AI&DS	9 & 10	28.11.25 18.02.26	Dr. P. Santhi Professor
3	AI&ML	9	24.11.25	Dr. S. Alex David Professor
4	CSD	9	19.12.25	Dr.R.Aruna Professor
5	CSE(AIML)	7 & 8	24.11.25 17.02.26	Dr. S. Lalitha Associate Professor
6	CSE(DS)	7	21.11.25	Dr. M. Gokuldhev Professor
7	CSE(CS)	7 & 8	13.12.25 17.02.26	Dr. Rajendran T. Professor
8	IT	41 & 42	13.12.25 18.02.26	Dr. A. Peter Soosai Anandaraj Professor
9	MSc (Data Analytics)	8	28.11.25	Dr. R.Aruna Professor

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Department of
B. Tech(Computer Science & Engineering)
M. Tech(Computer Science and Engineering)
M. Tech(Big Data Analytics)

43rd & 44th BoS Meeting Minutes

Held on 08.12.2025 and 17.02.2026

Board of Studies

BoS External Members



Dr.G.R.Gangadharan
Associate Professor
NIT Tiruchirappalli



Dr. P. Arish
Senior Associate in Innovation Hub, PWC, Bangalore



Mr.Praneeth
Senior Data Scientist
Impetus technologies

Summary of 43rd BoS Meeting – Curriculum Discussion

Items for Discussion

- Stakeholder feedback on the B.Tech CSE curriculum (Summer 2025–26) was presented, and the systematic collection, analysis, and incorporation of relevant suggestions into the curriculum were appreciated and approved.
-
- The new B.Tech CSE curriculum structure under Regulation VTR UGE 2025, aligned with NEP 2020, ACM/IEEE 2023 guidelines, AICTE Model Curriculum, NASSCOM competency frameworks, Digital India Skills, NBA Graduate Attributes, and the revised Vision and Mission of the Department, was reviewed and approved with suggestions to avoid overlapping content in Mathematics courses and to strengthen coding and placement-oriented training through structured problem-solving platforms such as LeetCode.
-
- New Foundation Core courses, including **Fundamentals of Data Structures** and **Python Programming with Laboratory** (to be implemented from Winter 2025–26), were reviewed and approved with recommendations to integrate practical coding platforms and real-world case studies.
-
- New Program Core, Program Elective, and Honors courses introduced based on stakeholder feedback and emerging technology trends were reviewed and approved, with suggestions to incorporate industry-driven case studies and application-based learning components.

Summary of 43rd BoS Meeting – Curriculum Discussion

Items for Discussion

- Revisions to existing courses based on industry expert inputs, including the incorporation of modern technologies such as GraphQL, TypeScript, DevOps practices, Cloud platforms, and Generative AI tools, were reviewed and approved.
- Open Elective and Communication-oriented courses aimed at enhancing employability and professional skills were reviewed and approved, with suggestions to include organizational data management concepts and streaming technologies such as Apache Kafka.
- NPTEL-based MOOC courses offered under Program Electives and Open Electives for B.Tech and M.Tech programmes (from Winter 2025–26) were reviewed and approved.
- The Board also ratified the following:
    - Value-added courses offered during Summer 2025–2026
    - MOOC courses offered during Summer 2025–2026
    - Industry Expert delivered courses under Industry Interaction category
    - Course mapping for migrated and exchange students
    - Program Electives for M.Tech CSE, M.Tech BDA, and Ph.D. scholars

Items for Discussion

Revised Vision of CSE Department

To nurture globally competent computing professionals and researchers through academic excellence, innovation, interdisciplinary practices focused on societal and sustainability challenges.

Revised Mission of CSE Department

M1: To impart quality education in computing through outcome-based curriculum and student-centric learning that empowers analytical, problem solving and technological competencies

M2: To promote excellence in research, innovation and interdisciplinary collaboration for developing sustainable solutions with societal impact.

M3: To foster partnerships with industry and global research institutions for collaborative projects, internships, mobility and start-ups.

M4: To cultivate ethical, responsible computing professionals with leadership, teamwork, creativity, and lifelong learning, fostering an inclusive ecosystem that promotes diversity and gender equity.

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Department of Artificial Intelligence and Data Science

9th and 10th
BoS Meeting Minutes

Held on 28.11.2025 & 18.02.2026

Board of Studies

Bos External Members



Prof.Dr.Debdatta Kandar
Professor, Dept of IT
North-Eastern Hill University,
Shillong



Prof. P. Radha Krishna
Professor, Department of CSE
National Institute of Technology, Warangal



Mr. G.Roy Antony Arnold
Senior Consultant
Infosys,
Bangalore.



Ms. Pathipati Saranya
Engineer – Software Development
Verizon, Hyderabad.

Summary of 9th BoS Meeting - Curriculum Discussion

Items for Discussion

- **Chairperson confirmed the minutes of 8th BoS meeting; action taken report was reviewed and approved.**
- **New Program Core introduced: Java Programming, Full Stack Application Development and Gen AI Laboratory.**
- **New Elective introduced: Applied Programming Skills, Problem Solving and Testing using Java,and Modeling for Data Science.**
- **Value Added Courses "Hands-On Natural Language Processing with PyTorch, Database and SQL, Understanding of Data Science Modeling, Analyze data with Power BI, Data Visualization with Tableau and Algorithm Design Paradigms were approved.**
- **VAC course - Reinforcement Learning and Go Language was ratified.**
- **Cloud Driven Artificial Intelligence , Quantum AI & Quantum Machine Learning were approved under IHL category.**

Summary of 10th BoS Meeting - Vision and Mission

Items for Discussion

Vision

To emerge as a center of excellence in Artificial Intelligence and Data Science by advancing frontier technologies through innovative education, interdisciplinary research, global collaboration for sustainable societal development.

Mission

M1 : To promote a future-ready education in Artificial Intelligence and Data Science through an industry-aligned curriculum integrating real-world applications and emerging technologies.

M2 : To establish an interdisciplinary and impactful research in frontier AI domains addressing societal and industrial challenges.

M3 : To foster strong global collaborations for knowledge exchange, innovation, entrepreneurship and academic mobility.

M4 :To nurture skilled and ethically grounded professionals capable of contributing to sustainable technological advancement.

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Department of Artificial Intelligence and Machine Learning

9th BoS Meeting
Minutes

Held on 24.11.2025

Board of Studies

Bos External Members



Prof. P.K Das
Professor, CSE,
IIT Guwahatti, Assam



Dr. S. Janakiraman
Professor, Dept. of CSE,
Pondicherry University, Pondicherry



Mr. Savrah Mandal
Scientist E, Center of AI&ML,
DRDO Bangalore



Mr. Poorinth Sundar
Software Engineer,
Opentext, Hyderabad

Summary of 9th BoS Meeting

Items for Discussion

- **Chairperson confirmed the minutes of the 8th BoS meeting; action taken report was reviewed and approved.**
- **New Program Core introduced: Java Programming, Full Stack Application Development.**
- **New Elective introduced: Applied Programming Skills, Problem Solving and Testing using Java.**
- **VAC course "Deep Learning with Python, Natural Language Processing with Python, Big Data Hands-on!, Generative AI Landscape, and Communication Skills Lab.**
- **NPTEL course "Introduction to Psychology" was ratified under General Elective category.**
- **IHL Course " Computer Vision and Deep Learning: Fundamentals and Applications, Cloud Driven Artificial Intelligence, Quantum AI & Quantum Machine Learning, Cyber Threat Intelligence using Splunk" were ratified**

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Department of Computer Science and Design

9th BoS Meeting Minutes

Held on 19.12.2025

Board of Studies

Bos External Members



Dr. Gangadharan G.R
Professor, CA
NIT, Tiruchirappalli



Mr.Sridhar Sankar
Managing Director
Intrino Robotics & Technologies, Chennai



Mr. Vemmula Rohit
Software Development Engineer
Pascalcase, Hyderabad

Summary of 9th BoS Meeting - Curriculum Discussion

Items for Discussion

- Chairperson confirmed the minutes of the 8th BoS meeting action taken report was reviewed and approved.
- New Program Core introduced: Java Programming and Full Stack Application Development.
- New Elective introduced : Applied Programming Skills, Problem Solving and Testing using Java.
- Value added course "Augmented Reality & Virtual Reality, Feature Engineering, Hands-On Blender 3D Modeling, Introduction to Neural Networks and Deep Learning, Learn UI Design Fundamentals, and Responsible AI in the Generative AI Era" were introduced
- The courses "Automated Testing & Deployment, Behavior of Large Language Models, and Fine Tuning Large Language Models" offered under the Value added category were presented and ratified by the members.
- MOOC Course: Reinforcement Learning was ratified
- The Course "User Interaction and Experience Enhancement with AI and ML" offered under the IHL category was presented and ratified by the members.

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Department of Computer Science and Engineering (AI&ML)

7th & 8th BoS Meeting Minutes

Held on 24.11.2025 & 17.02.2026

Board of Studies

Bos External Members



Dr. S. R. Sudarshan Iyengar
Associate Professor , CSE IIT
Ropar, Punjab



Dr. Manoj B Chandak
Dean Academics and Professor, Dept of CSE,
Shri Ramdeobaba College of Engineering and Management, Nagpur



Dr. S J Dharbaneshwer
Senior Data Scientist
Wallmart, Chennai, Tamil Nadu



Mr.Sai Srinivas Vara Prasad Korlam
Network Consulting Engineer,
Cisco Systems India,
Bengaluru

Summary of 7th BoS Meeting - Curriculum Discussion

Items for Discussion

- The Chairperson confirmed the minutes of the 6th Board of Studies meeting, and the Action Taken Report was reviewed and duly approved by the members.
- **New Program Core introduced:** Java Programming, Full Stack Application Development and Problem Solving and Testing using Java.
- **New Elective Course introduced:** Applied Programming Skills, Social Media Analytics and IoT and Cloud Computing.
- The proposed Value-Added Course, ***Communication Skills Lab – I*****,** was presented to the members and approved to enhance students' professional communication skill.
- In addition, the Board ratified three Industry/Higher Institute Learning (IHL) courses, four MOOC courses and six additional Value Added Courses that were offered in the Summer Semester 2025–26.
- The members recommended to rename the Program Elective subject **10212CA233 - Social Media Analytics in to AI for Social Group**.

Items for Discussion

Vision

To be a Centre of Excellence in Artificial Intelligence and Machine Learning technologies through innovative teaching, interdisciplinary research and ethical AI practices developing globally competent professionals dedicated to sustainable societal progress.

Mission

M1: To develop a strong computational intelligence, problem-solving skills in AI and Machine Learning through innovative pedagogical ecosystems.

M2: To advance interdisciplinary research for the development of solutions that addresses complex engineering and real-world challenges.

M3: To create a diverse academic environment that nurtures ethical values, professional integrity, leadership through industry collaboration and experiential learning opportunities.

M4: To nurture globally competent professionals by cultivating an adaptable, entrepreneurial mindset to achieve sustainable development goals for societal well-being through lifelong learning.

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R&D Institute of Science and Technology
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Department of Computer Science and Engineering (Data Science)

7th BoS Meeting Minutes

Held on 21.11.2025

Board of Studies

Bos External Members



Dr. Rajendra Prasath
Associate Professor
Indian Institute of Information Technology
Sri City, Chittoor



Dr. Dilip Singh Sisodia
Associate Professor
National Institute of Technology, Raipur



Mr. Kolla Ravikanth Yadav
Data Scientist
APAC Business Operations, Hyderabad



Mr. Ragav Rajvanshi
Network Consulting Engineer
Cisco Systems, Pune

Summary of 7th BoS Meeting - Curriculum Discussion

Items for Discussion

- The BoS Chairman presented the proposed **Program Core courses** under **VTU R21**.The Board discussed and approved the **Program Core Courses**, **10211DS226 – Java Programming and 10211DS224 – Full Stack Application Development.**
- The Board also approved the following **Program Elective Courses**, **10212DS295 – Applied Programming Skills, 10212DS224 – Problem Solving and Testing using Java and 10212DS225 – Computer Vision.**
- The Board reviewed and approved the proposed **Value Added Courses** for the Winter Semester 2025–26, **10218DS924 – Communication Skills Lab –1,** along with the **Open Elective course, 10213GE309 – Communicative English.**
- The Board also discussed and approved the **Program Elective course offered under MOOC, 10212DS404 – Introduction to Information Retrieval**.
- The Board approved the recommended curriculum revisions to ensure that the programme remains contemporary, industry-aligned, and responsive to emerging technological trends.
- The IHL courses **10215DS955 – Exploratory Data Analysis (EDA) Essentials and 10215DS956 – Experimental Design and Analysis Using StatEase Tools** were reviewed and approved for inclusion in the Winter Semester 2025–26, thereby promoting interdisciplinary learning and strengthening analytical expertise within the programme.

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Department of Computer Science and Engineering (Cyber Security)

7th & 8th BoS Meeting Minutes

Held on 13.12.2025 & 17.02.2026

Board of Studies

Bos External Members



Dr. Sibi Chakkaravarthy Sethuraman
Professor & Research Head – AI,
VIT - Andhra Pradesh



Mr. Vinod Senthil
CEO, InfySec,
Chennai, Tamil nadu



Mr. Anupam Mathur
Software Engineer, CISCO,
Bangalore.

Summary of 7th BoS Meeting - Curriculum Discussion

Items for Discussion

- The BoS Chairman presented the courses to be offered for the upcoming Winter Semester 2025–26 for their suggestions and approval
- The members reviewed the new Program Core courses **Java Programming**, **Full Stack Application Development** and **Problem Solving and Testing using Java**, to strengthen programming proficiency and industry readiness.
- The Program Elective Course **Applied Programming Skills** was presented and approved, with members suggestions to integration the advanced AI-based tools to enhance practical exposure.
- The Independent Learning course **Major Project** was approved for experiential learning.
- The proposed Value-Added Courses **Communication Skills Lab – I** and **Routing and Switching Essentials** were presented and approved to strengthen professional and networking competencies.
- Presented the stakeholder feedback to enhance academic quality and industry alignment.
- The BoS Chairman presented the courses for **Ratification** have been offered during Summer Semester 2025–26.
- The Program Elective course **Secure Coding** were ratified.
- The Value-Added Courses **Introduction to Networks** and **Network Defense Essentials** were ratified.
- The IHL courses **Internship** and **Green and AI Skills Breadth Training Program** were ratified.

Items for Discussion

Vision

To emerge as a globally recognized hub for Cyber Security innovation, fostering experiential learning, multidisciplinary research, sustainable solutions, and resilient digital ecosystems that address emerging societal challenges.

Mission

M1: To provide globally relevant, quality education in Cyber Security through an outcome-based, industry-aligned and experiential curriculum.

M2: To advance research and innovation for developing sustainable, multidisciplinary and socially relevant digital solutions.

M3: To strengthen collaborations with industry and global institutions for contextual learning, research, entrepreneurship, and academic mobility.

M4: To nurture ethics, leadership, diversity, and lifelong learning, to develop responsible professionals for industry and society.

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R&D Institute of Science and Technology
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Department of
B.Tech (Information Technology) &
M. Tech(Information & Cyber Security)

41st and 42nd BoS Meeting Minutes

13.12.25 & 18.02.26

Board of Studies

Bos External Members



Dr. Noor Mahammed SK
Associate Professor
IIITDM-Kancheepuram, Chennai.



Dr. H. Khanna Nehemiah
Professor & Additional Director, Ramanujan Computing Centre,
Anna University, Chennai



Dr. Michael Dinesh
Senior Project Manager
Verizon India, Chennai, Tamil Nadu



Mr. Krishna Muralidharan
Senior Software Engineer
Wipro Technologies, Chennai

Summary of 41st BoS Meeting – Curriculum Discussion

Items for Discussion

- The BoS Chairman presented the courses to be offered for the upcoming Winter Semester 2025–26 for their suggestions and approval
- The members reviewed the New Foundation Core courses such as Fundamentals of Data Structures with Lab and Python Programming with Lab (to be implemented from Winter 2025–26), were introduced to strengthen core competencies.
- Revisions to existing courses based on industry expert inputs, The members reviewed the Program Core Courses; Java Programming was revised with updated syllabus content and integrated laboratory components, Cyber Security was replaced with Problem Solving and Testing using Java, and Web and Mobile Application Development was upgraded to Full Stack Application Development to improve programming depth and industry alignment.

Summary of 41st BoS Meeting - Curriculum Discussion

Items for Discussion

- Under the Program Elective category, New Courses of **Cloud Application Development** and **Linux System Programming** introduced based on stakeholder feedback were reviewed and approved with recommendations to enhance laboratory components in Cloud Application Development through the integration of Docker and AI-based development tools to strengthen practical exposure and deployment skills.
- The Board also ratified the following:
    - Value-added courses offered during Summer 2025–2026
    - Program Elective Category courses offered during Summer 2025–2026
    - MOOC courses offered during Summer 2025–2026
    - IHL courses offered during Summer 2025–2026
    - Course mapping for migrated and exchange students

Items for Discussion

Revised Vision of IT Department

To emerge as a centre of excellence in Information Technology that nurtures competent professionals, advances cutting-edge research, and promotes innovation for the sustainable development of society.

Revised Mission of IT Department

M1:To strengthen outcome-based education aligned with current and frontier Information Technologies to develop competent professionals for industry and society.

M2: To promote interdisciplinary research and innovative practices for solving real-world challenges.

M3: To expand global academic partnerships and promote a diverse, inclusive ecosystem ensuring equitable participation.

M4: To foster ethical responsibility, leadership qualities, teamwork skills, and a strong commitment to lifelong learning among IT professionals.

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M.Sc. Data Analytics

8th BoS Meeting Minutes

Held on 28.11.2025

Board of Studies

Bos External Members



Prof.Dr.Debdatta Kandar
Professor, Dept of IT
North-Eastern Hill University,
Shillong



Prof. P. Radha Krishna
Professor, Department of CSE
National Institute of Technology, Warangal



Mr. G.Roy Antony Arnold
Senior Consultant
Infosys,
Bangalore.



Ms. Pathipati Saranya
Engineer – Software Development
Verizon, Hyderabad.

Summary of 8th BoS Meeting

Items for Discussion

- Chairperson confirmed the minutes of the 7th BoS meeting; action taken report was reviewed and approved.
- New Open Elective course introduced: Python Programming
- The new courses offered in MOOC platform under open elective category was presented and approved by the members .
- The Members suggested adding a course on Entrepreneurship Essentials to strengthen students' entrepreneurial skills.

Thank You

Vel Tech
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SCHOOL OF LAW

14th Board of Studies
09.02.2026

Minutes of the Meeting

AGENDA OF THE 14TH BOARD OF STUDIES MEETING

- 14.1. To discuss the proposed new Vision and Mission of the Vel Tech School of Law.
- 14.2. To discuss the composition of the Department Advisory Committee.
- 14.3. To discuss the composition of the Teaching–Learning Development & Innovation (TDI) Committee.
- 14.4. To discuss the events conducted by the School of Law from 24.04.2025 to 09.02.2026 and the proposed events to be conducted till the completion of the current academic year.
- 14.5 To discuss the scholars admitted during the Summer Semester and Winter Semester of the academic year 2025–2026, candidates who have completed their Ph.D., and the addition of new research supervisors.
- 14.6 To discuss the identification and approval of peer-reviewed journals with DOI numbers to enable scholars to meet the requirements for Ph.D. submission.
- 14.7 To Discuss any other academic related matters .

The following items were discussed by the members, and the BoS recommended to the ACM.

- **Agenda 14.1 - To discuss the proposed new Vision and Mission of the Vel Tech School of Law**

Vision

To evolve as a globally recognised centre of excellence in legal education, advancing research-intensive and outcome-based learning through innovation and academic leadership.

Mission

M1: To deliver globally benchmarked, outcome-based legal education integrating theory, practice, clinical learning, and legal technology.

M2: To foster an advanced research culture through doctrinal, empirical, and interdisciplinary studies addressing contemporary legal issues and constitutional values.

M3: To strengthen national and international collaborations for research, internships, faculty development, and global legal exposure.

M4: To inculcate ethical values, constitutional morality, leadership, and professional responsibility to address societal and global challenges.

M5: To promote diversity, inclusion, and social responsibility through legal aid, community outreach, and access to justice initiatives.

- **Agenda 14.2**

The Board noted that the Department Advisory Committee was constituted in accordance with institutional guidelines. The composition was discussed, appreciated for including experienced academicians and experts, and unanimously ratified.

- **Agenda 14.3**

The Teaching–Learning Development & Innovation Committee was constituted to strengthen pedagogical practices and promote academic innovation. The Board discussed its scope and unanimously ratified its formation.

- **Agenda 14.4**

The Board reviewed academic, co-curricular, and extension activities conducted during the year and appreciated the School's initiatives in organizing conferences, seminars, workshops, competitions, and legal aid programmes. Proposed upcoming events were approved. Additional suggestions such as an Election Awareness Programme, a Workshop on PIL Drafting, and a Judgment Writing Competition were accepted and resolved to be included.

Agenda 14.5

The Board noted the admission of research scholars during the Summer and Winter Sessions (2025–2026), congratulated scholars who completed their Ph.D., and ratified the recognition of new research supervisors. Emphasis was placed on maintaining high academic and ethical standards in research supervision..

Agenda 14.6

The Board deliberated on the identification and approval of peer-reviewed journals with DOI numbers to facilitate research scholars in fulfilling the Ph.D. publication requirements. It emphasized that scholars must publish in reputed journals adhering to recognized academic standards, proper indexing, editorial integrity, and ethical publication practices, while strictly avoiding predatory journals. The Board further resolved that an approved list of such journals shall be prepared and periodically reviewed to ensure quality and relevance

Agenda 14.7

The Board deliberated on strengthening outcome-based education, enhancing research activities, promoting interdisciplinary and funded projects, improving mentoring systems, integrating emerging areas of law into academic programmes, strengthening internships and industry collaborations, and encouraging faculty development initiatives for continuous institutional improvement.

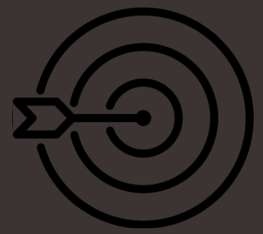
Thank you

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



VISION



MISSION

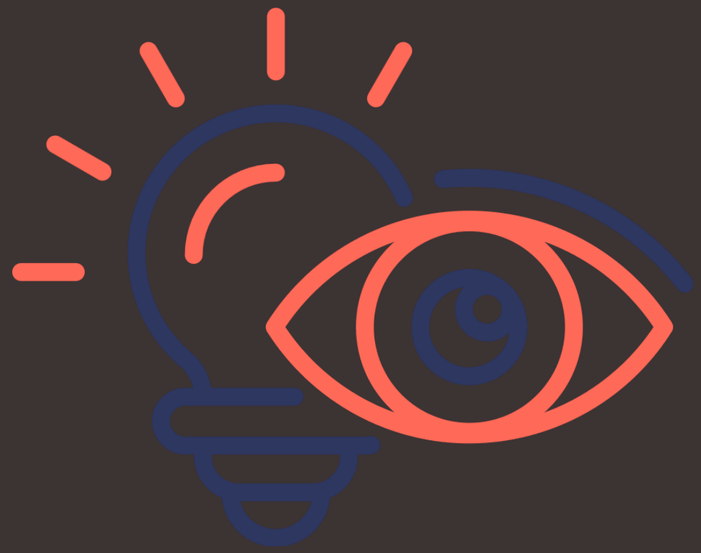












Vision

To become a renowned center of excellence in Media and Communication by cultivating creative thinkers, skilled professionals, and ethical media practitioners who contribute meaningfully to the global media and creative industries.

Mission

1.To provide quality education in visual media, entertainment, and communication through a balanced integration of art, design, technology, and theories.

2. To equip students with strong creative, technical, and analytical skills required for careers in film, animation, digital media, advertising, television, broadcasting, and emerging AI driven media industries.

3. To promote innovation, research, and experimentation in visual storytelling, digital production, and multimedia technologies.

4. To encourage ethical media practices, social responsibility, equity, and culture & gender sensitive communication.

5. To foster University- Industry collaborations to improve skills and employability, and promote entrepreneurship among students.

19th BoS

Summary

B.Sc. Multimedia Programme

The Chairman presented the curriculum structure for the B.Sc. Multimedia programme. During the discussion, the members suggested and recommended that Open Elective courses be taken from other schools. In this regard, two courses such as Acting for Animation and Principles of Management are proposed to be offered by the School of Commerce. These changes will apply to the B.Sc. Multimedia programme under the VTR UGAS 2021 Regulations.

B.Sc. Visual Communication Programme

For the B.Sc. Visual Communication programme, the committee members recommended that Open Elective courses be taken from other schools. In this regard, two courses Event Management and E-Commerce are proposed to be offered by the School of Commerce. These changes will apply to the B.Sc. Visual Communication programme under the VTR UGAS 2021 Regulations.

Open Elective Course Offering

The Chairman presented the curriculum structure for the Open Elective courses to be offered to the schools.

Accordingly, the School of Media Technology and Communication will offer the Open Elective course titled “Basics of Photography” for students of other schools. This offering will be effective under the VTR UGAS 2021 Regulations.

Ph.D. in Media and Communication

The Chairman presented the curriculum structure for the PhD programme in Media and Communication in accordance with the new regulation (VTR DR 2025). The course codes have been updated as per the revised regulatory norms.

These changes will be applicable to the PhD in Media and Communication under the VTR DR 2025 regulations from January 2026 onwards.

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School of Commerce

Vision- Mission

The 7th Board of Studies (BoS)

The 7th Board of Studies (BoS) meeting of the School of Commerce for the B.Com Programme was held on 13th November 2025 at 10:30 a.m. in the VIP Conference Hall, South Campus, to review academic developments and approve curriculum enhancements. The Board confirmed the minutes and action taken report of the 6th BoS meeting and approved the new VI Semester syllabus for B.Com. (Computer Applications), including Entrepreneurship Development and Blockchain Technology and Business, with a minor revision to incorporate Big Data. The Committee also discussed and approved credit transfer equivalence for foreign courses, constructed and approved Ph.D. coursework across emerging areas, and recommended the initiation of Ph.D. programmes in Tamil and Economics as per regulatory norms. Additionally, a Value-Added Course for B.Com. was approved, the intake capacity of the B.Com. The programme was increased, and it was recorded that 149 students completed their 45-day internship. The Board appreciated faculty and student achievements and resolved to continue the existing curriculum for other programmes without changes for the current academic year.

The 8th Board of Studies (BoS)

The 8th Board of Studies (BoS) meeting of the School of Commerce was held on 12th February 2026 in hybrid mode at the VIP Conference Hall, South Campus, to review academic developments and approve key academic initiatives. The Board confirmed the minutes of the previous meeting and approved the revised Vision and Mission statements of the School of Commerce to align with evolving academic and industry standards. It also approved the introduction of approximately 20 Open Elective courses, including Digital Business, GST, Wealth Management, and Entrepreneurship Development, aimed at enhancing interdisciplinary learning and practical skills. The members emphasized strengthening entrepreneurial development programmes, incorporating skill-oriented and industry-relevant courses, and supporting applied learning through credit-based frameworks. Additionally, the Board discussed introducing postgraduate programmes in distance mode and practical skill-based initiatives to improve employability and academic excellence. The meeting concluded with appreciation for members' contributions and a formal vote of thanks.

Vision	
	To develop socially responsible commerce professionals committed to sustainable economic growth and ethical business practices.
Mission	
M1	To offer rigorous and outcome-based commerce education aligned with Evolving economic, financial, and regulatory environments.
M2	To promote research, innovation, and interdisciplinary studies in commerce and allied fields for sustainable development.
M3	To enhance collaboration with industry, professional bodies, and academia for improved employability and academic relevance.
M4	To cultivate ethical conduct, leadership capability, and professional Responsibility in the study and practice of commerce
M5	To promote an inclusive, learner-centric academic ecosystem that supports equity, lifelong learning, and holistic development.

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School of Science and Humanities

DEPARTMENT OF ENGLISH

Academic Council Meeting

AY 2026

22-02-2026

Department of English

Vision and Mission

Vision:

To be a leading centre for English Studies that nurtures communication skills, critical thinking, cultural understanding, and practical competencies through literature and interdisciplinary research, empowering students to contribute meaningfully to society and to a sustainable future.

Mission:

- M1: To strengthen communication skills, advance critical thinking, and develop analytical abilities through technology-driven pedagogy aligned with global academic and professional standards.
- .M2: To enhance a dynamic research culture in literary, linguistic, cultural, and interdisciplinary studies addressing contemporary social and sustainability challenges.
- M3: To integrate emerging technologies, digital humanities, and experiential learning to promote innovative teaching and meaningful knowledge application.
- M4: To cultivate ethical values, leadership qualities, and essential soft skills, preparing learners for responsible participation in academic, professional, and social contexts.

Executive Summary of Board of Studies Meeting

The Department of English, held its 8th Board of Studies (BoS) meeting on 16th December 2025. The Chairman of the Board of Studies welcomed both external and internal members. The Board reviewed the structure, objectives, and assessment framework of the newly introduced B.Tech. Foundation Courses, English for Global Careers I (2510EN2001) and English for Global Careers II (2516EN2001). The External Experts commended the course design, learning outcomes, and evaluation mechanisms, and approved their continued implementation.

The Board also approved the introduction of three Open Elective courses for higher semester B.Tech. students, namely Shakespeare for Life (10213EN107), Literary Forms and Critical Appreciation (10213EN108), and Science Narratives (10213EN109) and a Value-Added Course titled Soft Skills for Excellence (60236EN901 for M.Sc. and 91236EN901 for M.A. English).The Board has additionally approved for eleven newly framed Ph.D. coursework papers and slight modifications in the PG syllabus under the American Literature paper. Overall, the 8th Board of Studies meeting successfully endorsed curriculum innovations and academic reforms.

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DEPARTMENT OF MATHEMATICS

ACM-PPT (22-02-2026)

Revised Vision and Mission

Vision:

To emerge as a centre of excellence in mathematical education and research by fostering analytical thinking, innovation, interdisciplinary applications and strengthening mathematical foundation knowledge for all engineering graduates that contribute to scientific advancement, technological development, and societal well-being at national and global levels.

Revised Vision and Mission

Mission:

M1: To provide outcome-based and rigorous education in pure and applied mathematics that develops strong analytical, logical, and problem-solving skills among students.

M2: To cultivate a research-oriented academic environment that promotes innovation, interdisciplinary collaboration, and publication of quality research addressing real-world challenges in mathematical science, engineering, and industry.

M3: To integrate modern computational tools, mathematical modelling, and emerging technologies into teaching and research to meet the evolving needs of academia and industry.

M4: To nurture ethically responsible and critically competent graduates equipped for successful careers, higher studies, and lifelong learning, while fostering inclusivity, gender equity, and social responsibility in a supportive academic environment.

10th Board of Studies Summary Note

- The Board of Studies meeting was held on 28.11.2025 between 12.30 pm and 2.00 pm.
- The members discussed the curriculum and syllabus of Mathematics courses offered in the B.Tech. Programme for all schools.
- The members appreciated the list of foundation courses offered for all UG students.
- Members welcomed the idea of a different syllabus based on their discipline.
- Members discussed and approved the program elective specialised courses

1) Neural Networks for Differential Equations
2) Wavelet methods for Differential Equations

to be offered for the research scholars.

10th Board of Studies Summary Note

- Approved An open elective course, “Operations Research” for the UG students.
- Appreciated the standard of the syllabus in all courses.
- The committee recommended initiating the process of introducing a new UG B.Tech programme, “Mathematical computing” which provides more job opportunities.
- The meeting ended with a Vote of Thanks by Chairman BOS.

THANK YOU

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School of Science and Humanities

Department of Physics

Vision & Mission

Vision

Envisioned as a department of excellence to create new frontiers of knowledge and wisdom in the pursuit of teaching outstanding research, and empowerment in Physics for the sustainable development of society.

Mission

M1: Stimulate academia to promote high-quality teaching, learning, and research

M2: Extend the studies for outstanding research, and carry out training programs in order to align with industry

M3: Foster global competencies among students through national and international collaborations for joint research, faculty exchange, and student empowerment

M4: Inculcate a value system by nurturing ethical values, leadership and professional excellence

9th Board of Studies (BoS) Meeting on 15 November 2025

Minutes Summary

The **9th** Board of Studies meeting for the M.Sc. Physics and PhD. Physics programs were held on 15 November 2025 in online mode (Google Meet) at 10 AM. The meeting started with a welcome address by the BoS Chairman. The BoS Chairman has presented the proposal for the revision of the existing PG course and inclusion of new courses under various categories for the above-mentioned programs to the BoS Members. The BoS members have discussed the syllabus of the proposed courses.
The proposed changes have been discussed, and the members have recommended and approved the same.

- Revision of content in the 4th and 5th units of the course titled **"Electromagnetic Theory Course"** (3 credits), for the M.Sc. Physics program.
- Introduction of a new course titled **"Thin Film and Surface Science"** (3 credits) in the open elective category for the M.Sc. Chemistry program.
- Introduction of a new course titled **"Universal Human Values"** (3 credits) in the open elective category for the M.A. English program.
- Introduction of three NPTEL courses titled **"Energy Materials and Devices", "Space Environment and its Effects on Orbital Spacecrafts", "Introduction to Astrophysical Fluids"** (3 credits) in the program elective category for the M.Sc. Physics program.
- Introduction of a new course titled **"Aerosol Forecasting - Climate Interactions with AIML"** (4 credits) as a PhD specialisation course.

The meeting ended with a Vote of Thanks by the Chairman, BoS.

Thank You





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School of Science and Humanities

Department of Chemistry

Vision

To emerge as a globally recognized Centre of Excellence in Chemical Sciences through excellent teaching and cutting edge research in emerging fields to address the global environmental challenges by producing ethically responsible professionals.

Mission

M1 : To provide strong fundamental and advanced knowledge in Chemical Sciences through quality teaching and training.

M2 : To drive frontier research in diversified fields of Chemical Sciences through collaborative and Interdisciplinary efforts.

M3 : To foster innovation and entrepreneurship for solving the global environmental challenges.

M4 : To instill ethical values, scientific integrity, leadership qualities, and social responsibility among the Professionals.

Summary Note

The 10th Board of Studies (BoS) meeting for the B.Tech. (Open Electives) and M.Sc. Chemistry (II Semester) programmes were held on 18th December 2025 in online mode (Google Meet) between 11.30 AM to 1.30 PM.

The meeting started with a welcome address by the BoS Chairman.

The BoS Chairman has presented the proposal for the revision of the existing UG and PG course and inclusion of new “open elective” courses and revision of syllabi for “II Semester” respectively for the above-mentioned programmes to the BoS Members.

The BoS members have discussed the syllabus of the proposed courses.

The proposed changes have been discussed, and the members have recommended and approved the same.

- This BoS Meeting was conducted with main focus on courses to be offered on **Academic Year 2025-26 Winter Semester**.
  - ✓ The Members discussed the curriculum and the syllabus for BTech Open Electives and MSc Chemistry Courses.

Minutes of 10th BoS Meeting

- For one BTech Open Elective course, members discussed and finalized the syllabus for ***Environmental Chemistry***.
  - ✓ Some discussion were on the shortage of contents. Details of contents all five units were elaborated.
  - ✓ New topics such as fertilizers and pesticides, and green chemistry were also added.

- In MSc Chemistry syllabus, the members have suggested a few modifications
  - ✓ in ***Physical Chemistry-II*** (a programme core course) and also
  - ✓ In ***Nanoscience and Nanotechnology*** (a programme elective course).

- In ***Physical Chemistry-II***, C_{2v} and higher point groups were added in Unit-IV.

- In ***Nanoscience and Nanotechnology,*** the following modifications were made:
  - ✓ Unit-I title has been changed to “Fundamentals of Nanomaterials” from “Basics”
  - ✓ Unit-II title has been changed to “Synthesis of Nanomaterials” from “Synthesis”
  - ✓ The topic “XPS” has been moved to the end of Unit-III from “XRD techniques”

The meeting ended with a Vote of Thanks by the Chairman, BoS.

Thank You !!

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RESULT ANALYSIS NOV / DEC – 2025 EXAMINATIONS

B.TECH. PROGRAMME (REGULAR SEMESTER - November 2025)				
Department	**Semester**	**Student Count**	**All Clear Count**	**%**
Aeronautical Engineering	1st	73	59	80.82
	3rd	72	56	77.78
	5th	69	49	71.01
	7th	26	25	96.15
Biomedical Engineering	1st	66	55	83.33
	3rd	50	30	60
	5th	56	44	78.57
	7th	60	55	91.67
Biotechnology	1st	69	66	95.65
	3rd	52	49	94.23
	5th	62	56	90.32
	7th	60	58	96.67
Civil Engineering	1st	12	6	50
	3rd	14	8	57.14
	5th	18	15	83.33
	7th	23	15	65.22
Computer Science and Engineering (Artificial Intelligence and Machine Learning)	1st	81	75	92.59
	3rd	73	68	93.15
	5th	71	65	91.55
	7th	59	57	96.61
Computer Science and Engineering (Cyber Security)	1st	46	44	95.65
	3rd	61	50	81.97
	5th	70	53	75.71
	7th	55	55	100

Computer Science and Engineering (Data Science)	1st	40	37	92.5
	3rd	65	60	92.31
	5th	69	62	89.86
	7th	59	58	98.31
Computer Science & Engineering	1st	1397	1299	92.98
	3rd	1544	1286	83.29
	5th	1306	1121	85.83
	7th	1326	1242	93.67
Artificial Intelligence and Machine Learning	1st	68	62	91.18
	3rd	74	58	78.38
	5th	75	66	88
	7th	68	65	95.59
Artificial Intelligence(AI) and Data Science	1st	70	67	95.71
	3rd	73	64	87.67
	5th	70	66	94.29
	7th	68	66	97.06
Computer Science and Design	1st	67	59	88.06
	3rd	62	47	75.81
	5th	66	57	86.36
	7th	66	63	95.45
Electronics and Communication Engineering	1st	576	513	89.06
	3rd	592	413	69.76
	5th	582	454	78.01
	7th	562	497	88.43
Electrical and Electronics Engineering	1st	52	40	76.92
	3rd	56	34	60.71
	5th	63	47	74.6
	7th	53	51	96.23
Information Technology	1st	70	57	81.43
	3rd	71	56	78.87
	5th	70	62	88.57
	7th	73	67	91.78
Mechanical Engineering	1st	69	51	73.91
	3rd	62	36	58.06
	5th	75	54	72
	7th	56	53	94.64

LAW PROGRAMMES				
Department	**Semester**	**Student Count**	**All Clear Count**	**%**
B.A LL.B.(Hons)	1st	121	85	70.25
	3rd	114	98	85.96
	5th	114	98	85.96
	7th	111	105	94.59
	9th	113	111	98.23
B.Com LL.B.(Hons)	1st	122	100	81.97
	3rd	116	108	93.1
	5th	113	106	93.81
	7th	118	105	88.98
	9th	85	82	96.47
ARTS AND SCIENCE PROGRAMMES				
Department	**Semester**	**Student Count**	**All Clear Count**	**%**
B.Com (Accounting and Finance)	1st	113	105	92.92
	3rd	113	110	97.35
	5th	50	50	100
B.Com (Corporate Secretaryship)	1st	45	41	91.11
	3rd	35	32	91.43
	5th	27	27	100
B.Com (General)	1st	199	186	93.47
	3rd	181	169	93.37
	5th	157	150	95.54
B.Com (Professional Accounting)	3rd	13	13	100
	5th	7	7	100
B.Com (Computer Applications)	1st	124	111	89.52
	3rd	72	66	91.67
	5th	46	45	97.83
BBA	1st	69	67	97.1
	3rd	63	59	93.65
	5th	51	48	94.12
B.Sc (Multimedia)	1st	32	28	87.5
	3rd	29	26	89.66
	5th	13	13	100
B.Sc (Visual Communication)	1st	32	19	59.38
	3rd	23	20	86.96
	5th	18	17	94.44

M.TECH. PROGRAMMES				
Department	**Semester**	**Student Count**	**All Clear Count**	**%**
M.Tech. (Aeronautical Engineering)	1st	6	5	83.33
	3rd	3	2	66.67
M.Tech. (Big Data Analytics)	1st	12	10	83.33
	3rd	4	4	100
M.Tech. (Metallurgical and Material Science Engineering)	1st	19	18	94.74
	3rd	18	18	100
M.Tech. (Structural Engineering)	1st	18	14	77.78
	3rd	14	11	78.57
M.Tech. (Power Electronics)	1st	9	9	100
	3rd	5	5	100
M.Tech. (Information and Cyber Security)	1st	12	7	58.33
	3rd	5	5	100
M.Tech. (Industrial Safety and Engineering)	1st	35	30	85.71
	3rd	41	41	100
M.Tech. (Environmental Engineering)	1st	5	5	100
	3rd	6	4	66.67
M.Tech. (Embedded Systems and Technologies)	1st	11	10	90.91
	3rd	6	6	100
M.Tech. (Computer Science and Engineering)	1st	12	10	83.33
	3rd	13	13	100
M.Tech. (Biotechnology)	1st	12	12	100
	3rd	6	6	100
M.Sc. PROGRAMMES				
M.Sc (Chemistry)	1st	30	21	70
	3rd	27	27	100
M.Sc (Physics)	1st	9	9	100
	3rd	7	7	100
M.Sc (Data Analytics)	1st	30	25	83.33
	3rd	26	16	61.54
M.Sc (Mathematics)	1st	8	8	100
	3rd	7	7	100
M.B.A. PROGRAMME				
MBA	1st	134	128	95.52
	3rd	136	128	94.12
M.A. PROGRAMME				
M.A (English)	1st	6	6	100
	3rd	8	8	100

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PH.D. VIVA VOCE COMPLETED CANDIDATES NAME LIST - FEB 2026

S.No	Reg.No	Name	Dept	Mode of Study (PT/FT)	Supervisor Name	Title
1	20REBT1002	Palepu Kavi	Biotechnology	FT	Dr. Tarangini Korumilli	Development of Sustainable Biocomposite Coating Formulation for Enhancing Post- Harvest Shelf Life of Fruits & Vegetables
2	16REEC1012	Venkata Subbaiah Putta	ECE	PT - External	Dr. Selwin Mich Priyadharson. A	Regional Language Speech Recognition from Bone Conducted Speech Signals through Different Deep Learning Architecture
3	19REAU1002	Murugu Nachippan N	AUTO	PT - External	Dr. Padmanabhan S	Experimental Assessment on Premixed Charge Compression Ignition Engines with Graphene Blended Tamanu Biodiesel
4	20REEC1043	Suma Nair	ECE	FT	Dr. Britto Pari J	Adaptive Signal Denoising and Spectral Feature Extraction for Rule-Driven FPGA based Sleep Stage Classification
5	20REEC1018	Senthilkumar Pandurangam	ECE	PT - External	Dr. Kanimozhi T	Metaheuristic and AI-driven Approaches for Efficient Energy Management in Marine Vessels
6	19RMBM1004	S. Shireesha	Management Studies	PT - External	Dr. Ravishankar K	Preference of E-Commerce and Digital Payment Mechanisms based on Economic Conditions of Selected Sectors in Telangana State
7	20REEC1042	Satish S	ECE	FT	Dr. Herald Anantha Rufus N	Deep Learning Assisted Automatic Fetal Cardiac Ultrasound Image Classification for Congenital Heart Defect Prediction
8	19RHLW1002	Sudharsanamoorthy G	Law	PT - External	Dr. B. Someswara Rao	Role of Media in Influencing Judicial Process in India - An Analysis
9	20RHMA1003	S.Sowmiya	Mathematics	PT - External	Dr. Narmada Devi R	A Study on Multi Criteria Decision Making under Uncertainty using Octagonal and Pythagorean Neutrosophic Environments
10	22RHMA2013	Yamini P	Mathematics	FT	Dr. Narmada Devi R	A Study on Neutrosophic over Soft Topological Structures in Decision Making Process
11	22REAE1001	Sundharesan R	AERO	FT	Dr. Sai Prasanna Kumar J.V.	Characterization and Performance Evaluation of Protective Coatings on Various Metallic and Non-Metallic Substrate against Corrosion and Wear Behaviour
12	20RHEG1007	R. Shruthi	English	FT	Dr. Manikandan A	An Analysis of the Business Writing Skills of Commerce Students of Select Self-Financing Colleges in Tiruvallur District
13	19REME1001	Ebinezaru Babu Gollamudi	MECH	PT - External	Dr. J.M. Babu	Development of Mg-Ce-ZnO Composites by Stir Casting for Biodegradable Implant Applications: Studies on Mechanical Properties, Corrosion Resistance and Wear Behavior

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Department of
Aeronautical Engineering

VELTECH AERONAUTICAL ENGINEERING



52*nd* MEETING OF THE ACADEMIC COUNCIL

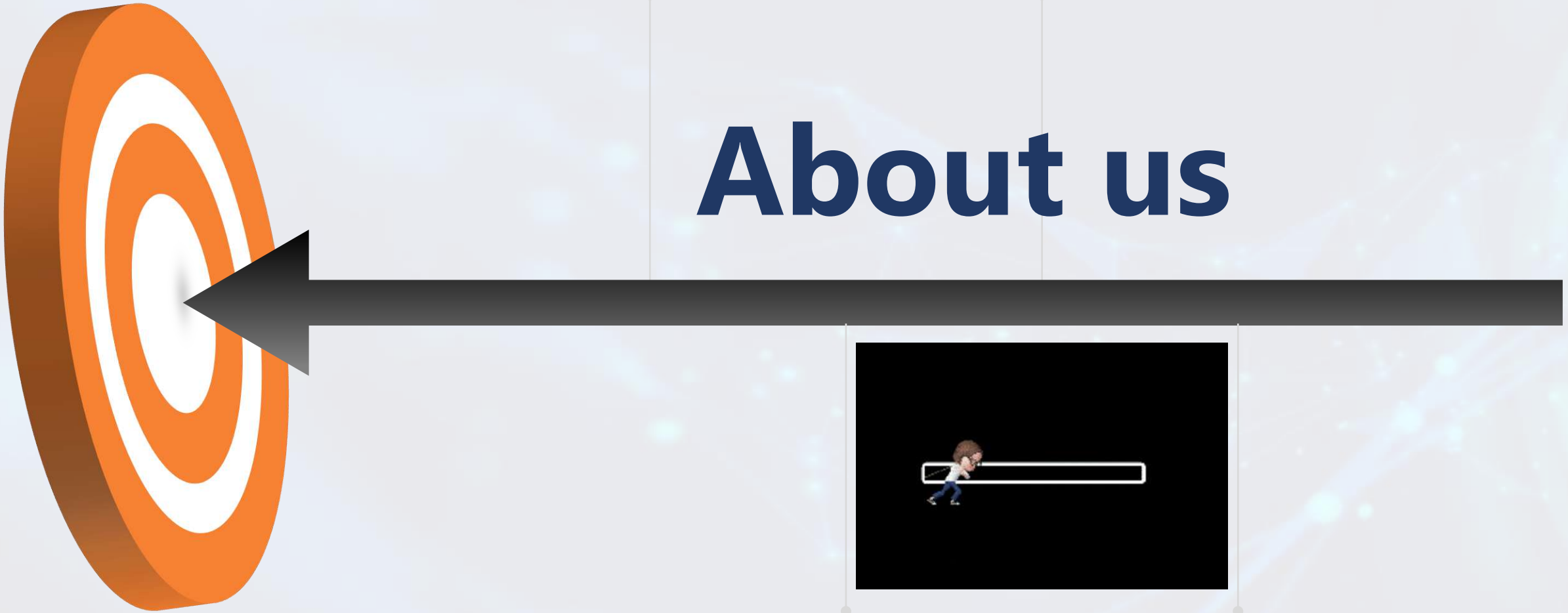
Sunday, February 22, 2026, at 10.30 a.m

Hearty Welcome to the Members of the Academic Council



Content

- About us
- Research, Innovation & Faculty
- Curriculum Design & TLE
- Infrastructure & Academic Enrichment
- Student Success, Placements & Holistic Development



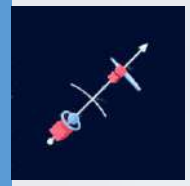
About us

About us

Vision & Mission of the Aeronautical Engineering

Vision : To ***pioneer Air, Space, Defence, and Unmanned Systems*** by advancing research-driven indigenous technologies, nurturing a diverse, ethical aerospace community that ***creates sustainable and responsible societal*** impact.

Mission



To empower aerospace professionals through ***a stimulating learning ecosystem*** that delivers ***practice-immersive, outcome-based, globally aligned*** education fostering interdisciplinary and research-driven learning integrated with emerging technologies.

PBL & Makerspace
Student-Centric Class Room



To advance an ***interdisciplinary research ecosystem*** that develops ***indigenous***, sustainable, and secure aerospace solutions in emerging aerospace technologies, ***translating innovation into impactful technologies*** addressing global challenges.

CASR – Research Park
Consultancy on Indigenous Tech



To strengthen the ***aerospace ecosystem*** by aligning with emerging technologies and building ***strategic partnerships with industry, startups and global organizations***, enabling responsible ***translational research and the exchange of talent***, technology and knowledge.

Abroad & Industry Expert Courses
Joint PG & RPTO Programs



To nurture ***inclusive, diverse, and ethical aerospace professionals*** advancing responsible ***innovation and research through sustainable practices***, human–machine collaboration, and the ***accountable use of autonomous and intelligent*** aerospace systems toward a sustainable, equitable, and future-ready world.

Norms & Ethical Practices
Design Thinking

About us

Highlights of the Department (2024-26)

सत्यमेव जयते
Department of Biotechnology

General Electric

HAL

4 Funded R&D – **Rs. 168.5 Lakh**
3 Consultancy – Rs. **1.04 Lakh**
45 Scopus, 45 WoS & **7** Patent Granted, 7 Published

25 Higher Studies 21 Placed & 1 Entrepreneur – 70% SI
28 students – Abroad & **15 Students** - Industry Projects
2 Industry Supported Labs – **GTRE - HSBT & Avironix - RPTO**

Agency for Science, Technology and Research SINGAPORE

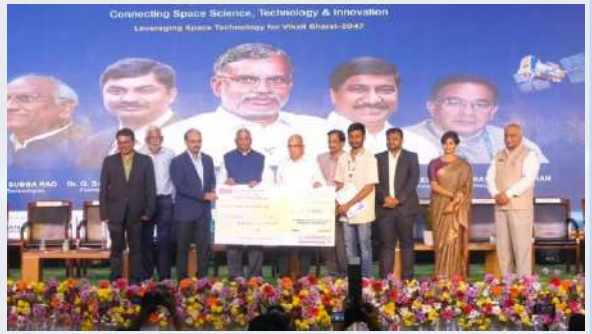
UNIVERSITE D'ORLEANS

NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE

HAL



Bronze Medal in Aero India 2019 – Drone Olymphics, MoD
2nd Prize in Aero GCS Global Competition
Winner TAFE, Project Competition



Best Innovation Award Project Expo
Andhra Pradesh SpaceTech Summit & Rocketery Challenge 2026



Innovative TLP & Infrastructure

- Student Centric & ALM
- ICT Enabled Class Room
- CDIO – PBL Integrated Curriculum for R21



Cutting Edge Facility

- High Speed Jet Facility
- Fuel cell Facility
- Remote Pilot Training Organization (DGCA)

About us

Programs Offered

B.Tech. Aeronautical Engineering Intake vs Admitted

Academic Year	Intake	Admitted
2023-24	60	63
2024-25	60	69
2025-26	60	69

M.Tech. Aeronautical Engineering Intake vs Admitted

Academic Year	Intake	Admitted
2023-24	18	3
2024-25	12	5
2025-26	12	9

P.hD. Aeronautical Engineering Intake vs Admitted

	FT	PT	Total
Pursuing	14	19	33

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

Accredited by NAAC with the HIGHEST GRADE A++

Recognised as CATEGORY-1 DEEMED TO BE UNIVERSITY by the UGC University Grants Commission

Department of
Aeronautical Engineering

VELTECH AERONAUTICAL ENGINEERING

Research, Innovation & Faculty Details



R&D, Innovation & Faculty

Faculty Strength, Qualification & Academic Profile

Flight Mechanics & Control



Dr. Jaganraj R
Professor & Head
Drones & Electronics

Dr. G. Surendar,
Associate Professor
Unmanned Systems





Dr. G. Gowtham
Assistant Professor
Propellers & EV

Dr. Shravan
Assistant Professor
Robotics & MAVs



Aircraft Structures



Dr. G. Boopathy
Professor
Aircraft Materials

Dr. Sai Prsanna Kumar JVS
Professor
Special Coatings





Dr. Joseph
Assistant Professor
High Speed Bearings

Dr. B.L. Jaiswal
Professor Emeritus
Vibration



Propulsion



Dr. S. Ganesan
Professor
Propellant

Dr. C. Rakesh Kumar
Assistant Professor
Engines





S. Nithya
Assistant Professor
High Speed Jet

B. Kirubadurai
Assistant Professor
Fuel Cells, Drones



Aerodynamics



Dr. R. Narenshankar
Professor
CFD & Jets

Dr. Vinothkumar
Assistant Professor
Hydrogen Tech





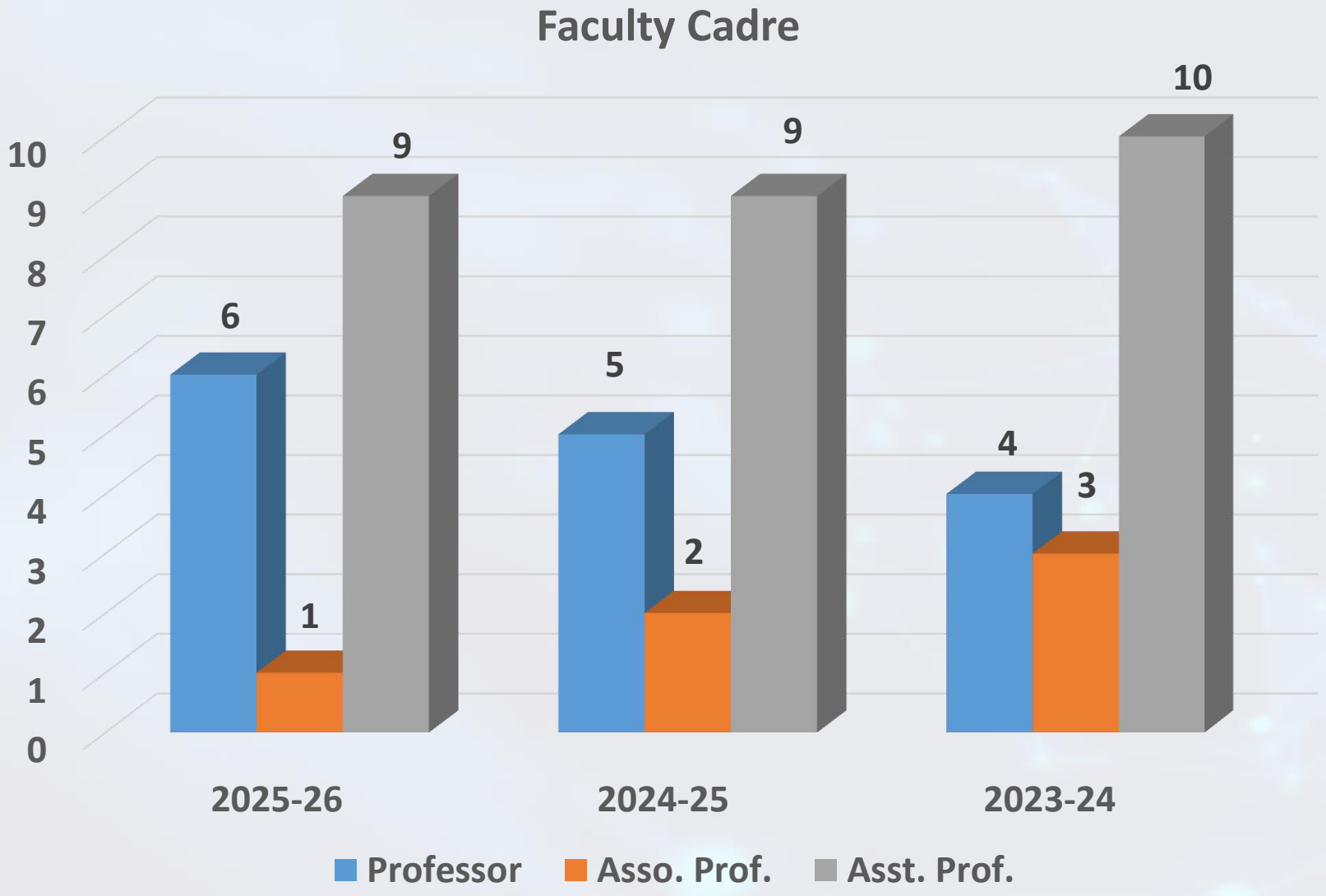
S, Suthagar
Assistant Professor
Remote Sensing

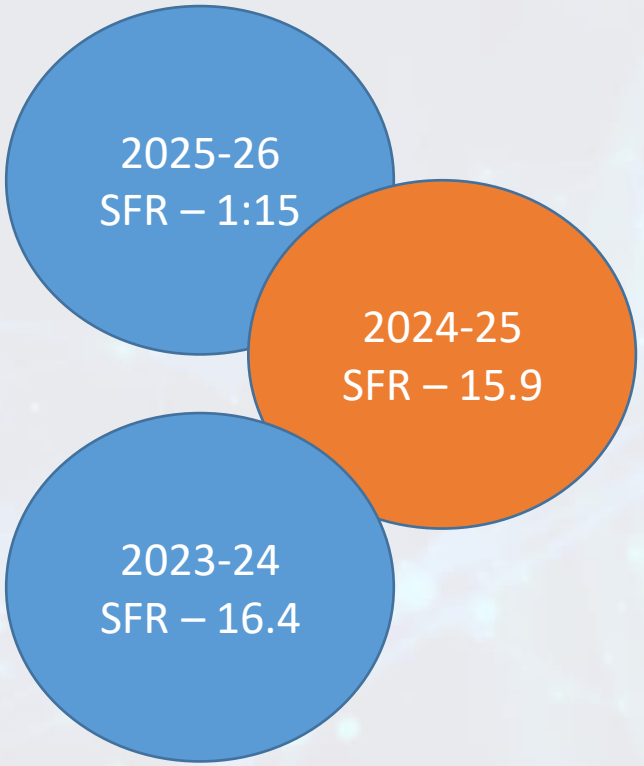
Muthukumarasamy
Assistant Professor
FEM



R&D, Innovation & Faculty

Faculty Cadre & SFR

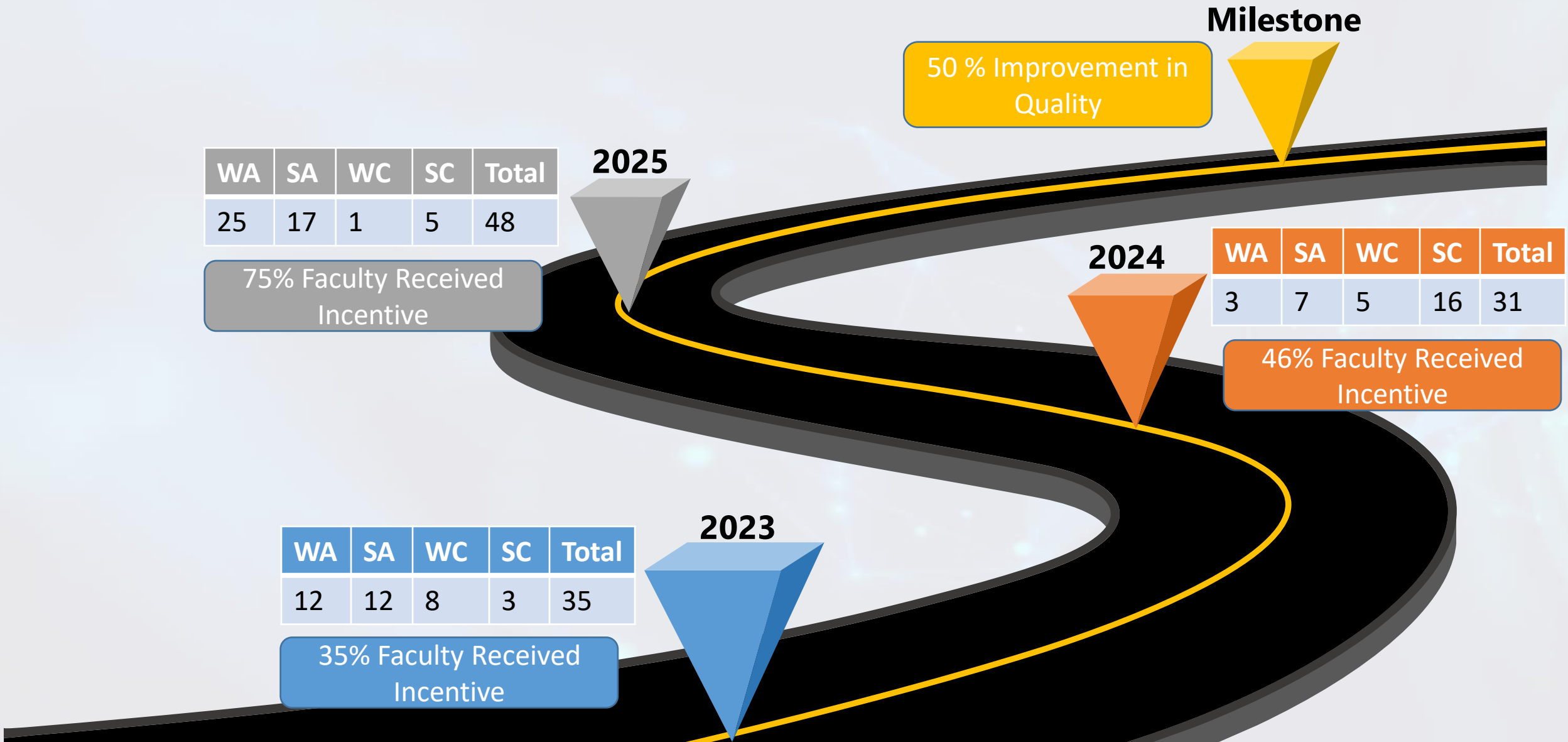




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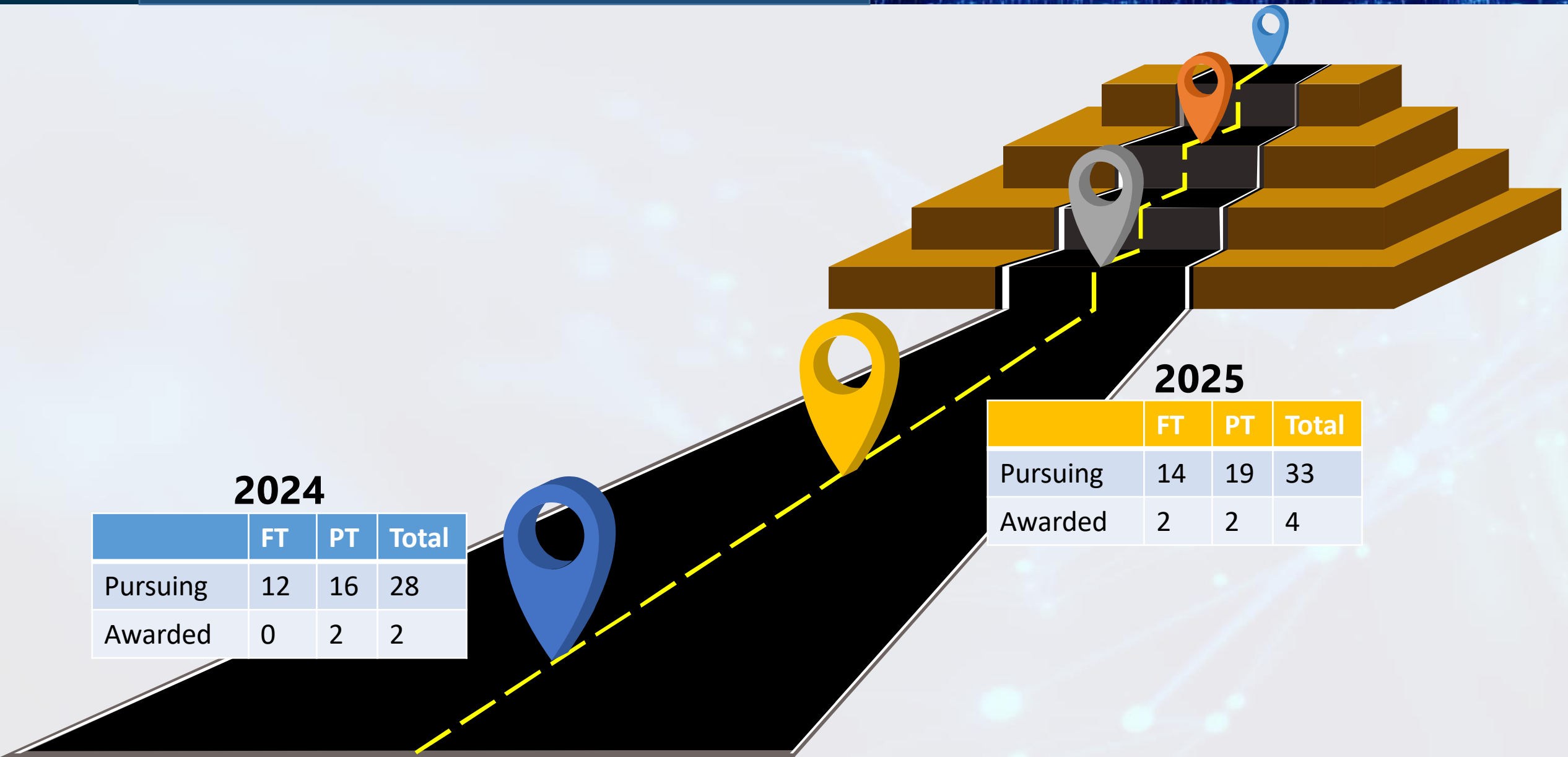
R&D, Innovation & Faculty

Publications



R&D, Innovation & Faculty

Research Scholars



2024

	FT	PT	Total
Pursuing	12	16	28
Awarded	0	2	2

2025

	FT	PT	Total
Pursuing	14	19	33
Awarded	2	2	4

R&D, Innovation & Faculty

Patents

1 Patent with Industry – Product in Service
1 Patent – Initiated for Commercialization
Total – 7 Patents Granted / Applied

IPR Filed & Published

2023	2024	2025
2	2	7

R&D, Innovation & Faculty

FY 2023-24 (in Lakh)

Consulting		Funded		Seed
2	31.9	1	2.75	3.75

FY 2024-25 (in Lakh)

Consulting		Funded		Seed
1	0.25	1	20.56	Nil

FY 2025-26 (in Lakh)

Consulting		Funded		Seed
2	0.80	2	68.5*	1.2

*present approved project amount is 168 Lakh

R&D, Innovation & Faculty



This project aims to design and develop an indigenous, low-cost, remotely operated platform with state-of-the-art facilities available at Vel Tech, Chennai and NRSC, Hyderabad.

It comprises a customised rugged platform with integrated propulsion, telemetry, and control electronics for water-based applications.

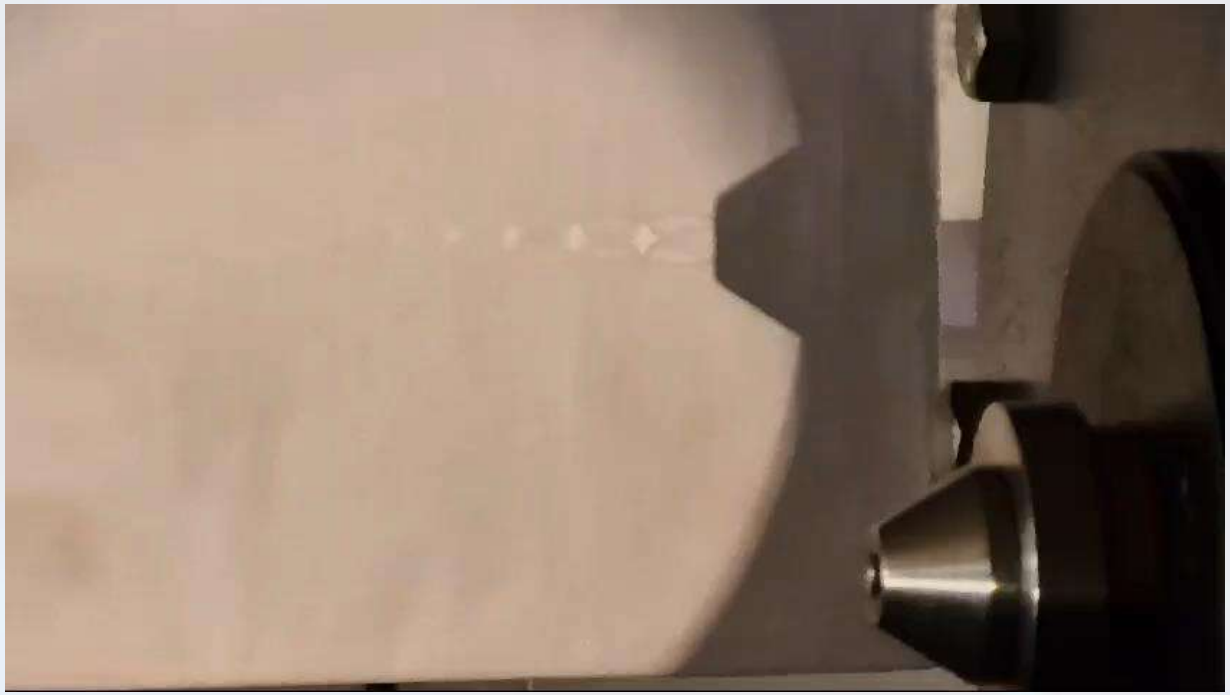
The vehicle's design is focused on reducing the survey time and logistic efforts, which are critical in the waterbody surveys. Also, it will cater to the indigenously developed payload systems onboard for in-situ bathymetry.

Development of Low cost Remotely operated platform for Bathymetry & water resource applications

Principal Investigator: **Dr. Surendar G**

Funding Agency: ISRO | Project Cost: INR 25.6 Lakhs | Duration: 2024-2026

R&D, Innovation & Faculty



PI Name: Dr. R. Naren Shankar,
Professor, Department of Aeronautical Engineering,
Veltech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.

Mentor: Dr. Muruganandam TM
Professor, Department of Aerospace Engineering,
National Centre for Combustion Research and Development (NCCRD),
Indian Institute of Technology, Madras. Chennai: 600036.
Email id: murgi@ae.iitm.ac.in

OPTIMIZING SUPERSONIC CO-AXIAL NOZZLE DESIGN FOR MIXING ENHANCEMENT

SERB TARE No: TAR/2021/000093

IIT Madras

R&D, Innovation & Faculty

Consultancy

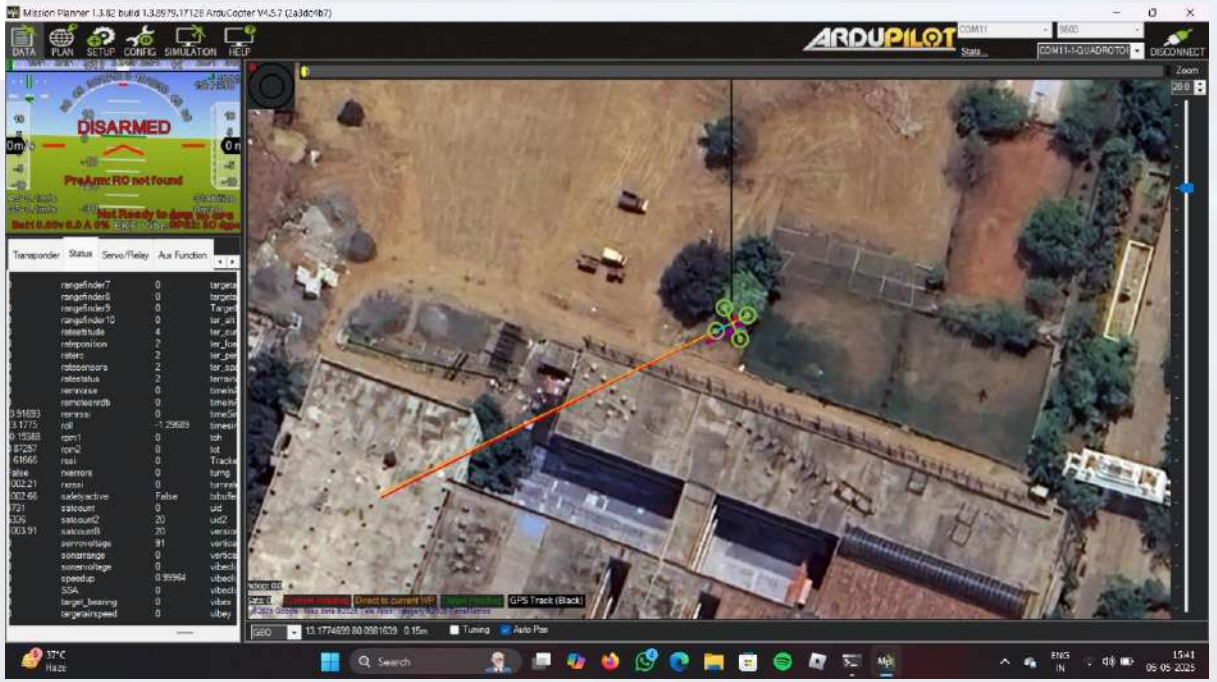
Development of GPS module as per Specifications

Proposal Submitted to

AVIRONIX

Dr. R. Jaganraj, Aero, Vel Tech
Rs. 73,000/-





R&D, Innovation & Faculty

Consultancy

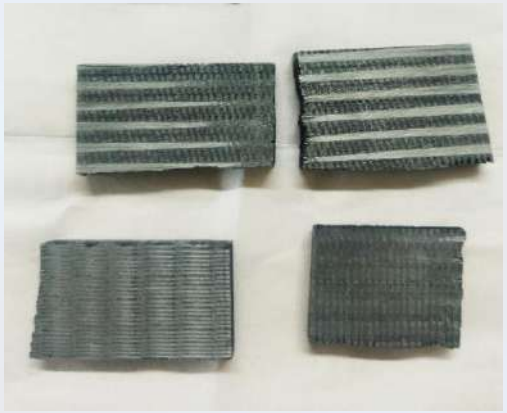
Multilayer Thermal barrier Coating on Carbon-Carbon Composites-A Bilayer coating of Rhenium & Iridium Final

ISRO-VSSC, Trivandrum, Kerala

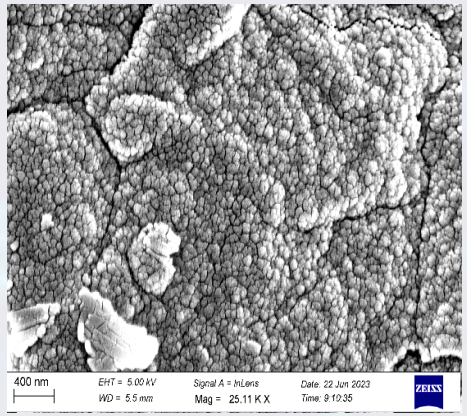
Dr. J.V. Sai Prasanna Kumar, M. Tech., Ph, D

Rs. 2.36 Lakh

1 Ph.D. Full Time Synopsis
1 WOS & 1 Scopus
1 Patent Published





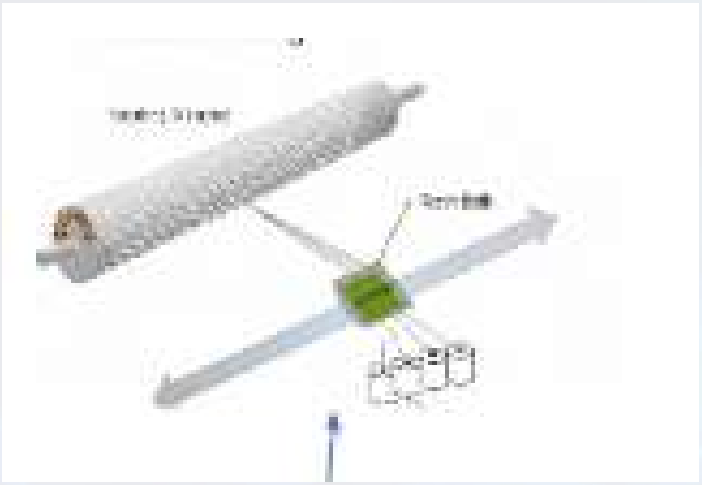




R&D, Innovation & Faculty







1. Development of Low-Cost Remotely Operated Platform for Bathymetry & Water Resource Applications, Funding **Agency: ISRO** | Project Cost: **INR 25.62 Lakhs** | Duration: 2024-2026 | Dr. Surendar G (PI) | Ongoing project
2. UAAV based eDNA mapping of an aquatic ecosystem of Loktak lake for fishery management, Funding Agency: **DBT** | **Project Cost: INR 1.10 Crore (VTU 44.53 Lakhs**) | Duration: 2025-2028 | Dr. Surendar G (PI) | Ongoing project
3. Model Climate-Smart Farm to demonstrate Precision Agriculture Technologies for Societal Upliftment of Majuli, Funding Agency**: DBT | Project Cost: INR 1.26 Crore (VTU 58.27 Lakhs)** | Duration: 2025-2028 | Dr. Surendar G (Co-PI) | Ongoing project
4. Development of Liner less CFRP storage tanks Agency: **ARDB - New Delhi Amount: INR 40 Lakhs/-**Duration: 3 years I Recommended Project

R&D, Innovation & Faculty

Faculty Recognition



TECHNICAL COMMITTEE



Mr. Prabhakaran Rengasamy
(Boeing)
Chair



Mr. Manoj Kumar
(HCL)
Co-Chair



Mr. Anup Mehta
(Ansys)
Member



Mr. Kishan Kumar J J
(AVIRONIX)
Member



Mr. Bhuvaneshwaran G
(ePlane Company)
Member



Mr. Dipak Balaso Ranaware
(Eaton)
Member



Mr. Adithya S Rao
(Moog)
Member



Dr. Jaganraj R
(Vel Tech)
Member



Ms. Harmeet Kaur
(Boeing)
Member



Prof. G Dinesh Kumar
(HITS)
Member

R&D, Innovation & Faculty

Faculty Recognition

JOURNAL OF POLYMER & COMPOSITES

Publisher name: STM JOURNALS

Journal Impact Factor ™

JCR Category

POLYMER SCIENCE
in ESCI edition



Dr. G Boopathy

Designation : Professor

Affiliation : Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology Tamil Nadu, India, 600062

Expertise: Injection Moulding, Hybrid Composites, Optimization, Nylon/SiC/B4C, Tensile & Impact strength.

Institution Profile Link : https://www.veltech.edu.in/aero/faculty.html

Offical Email : gbo*******@veltech.edu.in

Personal Email : boo*******@gmail.com

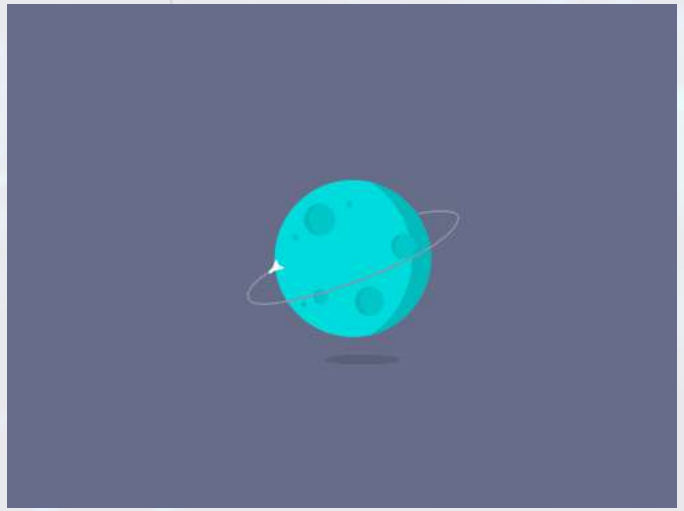
Role: Editor

Journal: Journal of Polymer & Composites

Faculty Capacity Building	2023-24	2024-25	2025-26
Faculty Industry Training	1	1	0
Faculty in Professional Bodies	14	16	16
Faculty Received Financial Support	3	11	3
FDP Programs Attended	10	12	3



Curriculum Design, Teaching–Learning & Evaluation



Curriculum Design & TLE

Curriculum Design & Planning

29th Board Studies Minutes – Executive Summary

1. **Program Educational Objectives (PEOs):** Majority stakeholder feedback (≈70–75%) confirmed strong alignment with industry needs, institutional vision, and global challenges. Board recommended clearer industry readiness, interdisciplinary scope, and defined pathways for competitive exams and diverse career roles.
2. **Finalization of PEOs & PSOs:** Revised PEOs approved with emphasis on innovation, sustainability, leadership, lifelong learning, and higher studies. PSOs accepted without changes, focusing on autonomous systems, advanced aerospace design, and innovation-driven product realization.
3. **Stakeholder Feedback on Curriculum:** Strong demand for practical exposure, UAV technologies, propulsion systems, and integration of tools such as AI/ML, Python, and CAE/FEA software. Need identified to balance extensive theoretical content with applied learning and industry-oriented skill development.
4. **Benchmarking and Standards Alignment:** Curriculum benchmarking with aerospace standards and peer institutions validated outcome alignment. Board encouraged inclusion of emerging domains such as AI, data science, advanced materials, and digital aerospace technologies. Strengths Identified Faculty mentorship, academic structure, and digital learning resources received high appreciation across stakeholders. Positive feedback on employability focus, mentoring support, and overall student development outcomes.
5. **Areas for Improvement & Key Recommendations:** Reduce theoretical load in selected core courses and expand project-based, hands-on learning experiences. Strengthen industrial training, upgrade lab infrastructure, and promote interdisciplinary integration for real-world readiness.

Curriculum Design & TLE

Curriculum Design & Planning

30th Board Studies Minutes – Executive Summary

1. **Revision of PEOs under VTRUGE R25:** Board refined PEOs to emphasize professional leadership, higher studies with global impact, and responsible innovation with lifelong learning.
2. **Refinement and Finalization of PSOs:** PSOs were streamlined into concise, outcome-focused statements aligned with autonomy, space & defence systems, and aerospace product innovation. Updates strengthened focus on state-of-the-art tools, sustainability, ethical engineering, and emerging aerospace technologies.
3. **Curriculum Modernization Drivers:** Curriculum revision driven by global aerospace trends (AI, autonomy, digital engineering, sustainable propulsion, space systems) and national initiatives such as UAV regulations and private space missions.Institutional priorities highlighted autonomy, electric propulsion, electronics self-reliance, and industry-ready practical competencies.
4. **Stakeholder-Driven Enhancements:** Strong emphasis on experiential learning through industry-mentored projects, design–build–fly activities, flight testing, and embedded/UAV labs. Early integration of software and digital tools (MATLAB, Python, ANSYS, CATIA) along with interdisciplinary learning and entrepreneurship exposure.
5. **Benchmarking and Syllabus Direction:** Courses benchmarked with leading institutions and updated to include simulation-based learning, certification standards, sustainability integration, AAM/UAM topics, and AI/ML-enabled labs.Core courses restructured to ensure application-oriented outcomes covering analysis, design, and evaluation for industry readiness.
6. **Course-Level Restructuring & Implementation Actions:** Several course titles, LTPC structures, and laboratory integrations were revised).Board approved revised Vision & Mission, PEOs, PSOs, and curriculum, recommending a departmental committee to finalize detailed syllabus updates incorporating stakeholder and market inputs.

Curriculum Design & TLE

Academic Effectiveness

Description	2025-26	2024-25	2023-24
Total no. of courses offered	34	64	55
Number of newly introduced courses (out of total)	5	23	33
Percentage of Newly introduced courses	15	36	28
No. of classrooms with Smart Board facility	1	1	0
No. of classrooms with ICT Facility	1	1	1
ALM Method Implemented	15	12	19
ICT Tools Implemented	25	12	10
Teaching Models Implemented	2	4	2

Nov.2024				
Year	**Sem**	**Registered**	**Pass**	**Pass %**
IV	7	35	30	85.71
III	5	26	19	73.08
II	3	73	38	52.05
Re-Evaluation				
IV	7	1	0	0.00
III	5	1	0	0.00
II	3	2	0	0.00

May.2025				
Year	**Sem**	**Registered**	**Pass**	**Pass %**
IV	8	34	33	97.06
III	6	26	23	88.46
II	4	71	47	66.20
Re-Evaluation				
IV	8	3	0	0.00
III	6	2	0	0.00

Nov.2025				
Year	**Sem**	**Registered**	**Pass**	**Pass %**
IV	7	26	25	96.15
III	5	69	49	71.01
II	3	72	56	77.78

Infrastructure & Academic Enrichment



Infra & Outcome

Infrastructure Developed in Last two AY



DGCA Accredited Remote Pilot Training Organization

Infra & Outcome

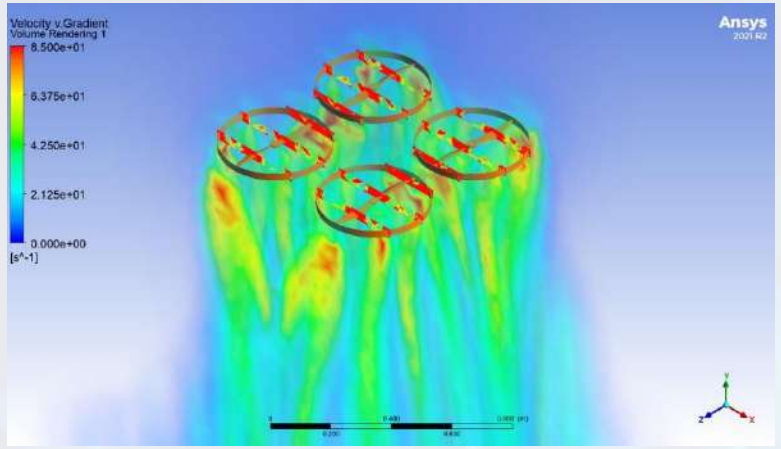
Infrastructure Developed in Last two AY



High Speed Jet Facility
2 PhD Awarded (1 Full Time), 8 SCI papers
Budget – 17 Lakh (50% Institute ; 50 % R&D Funding)



Fuel Cell for Drone
1 Synopsis, 4 WoS papers (1 Q1)
Budget – 4 Lakh





Computer, Drone Parts
1 PhD Awarded, 4 WoS papers
Budget – 4 Lakh

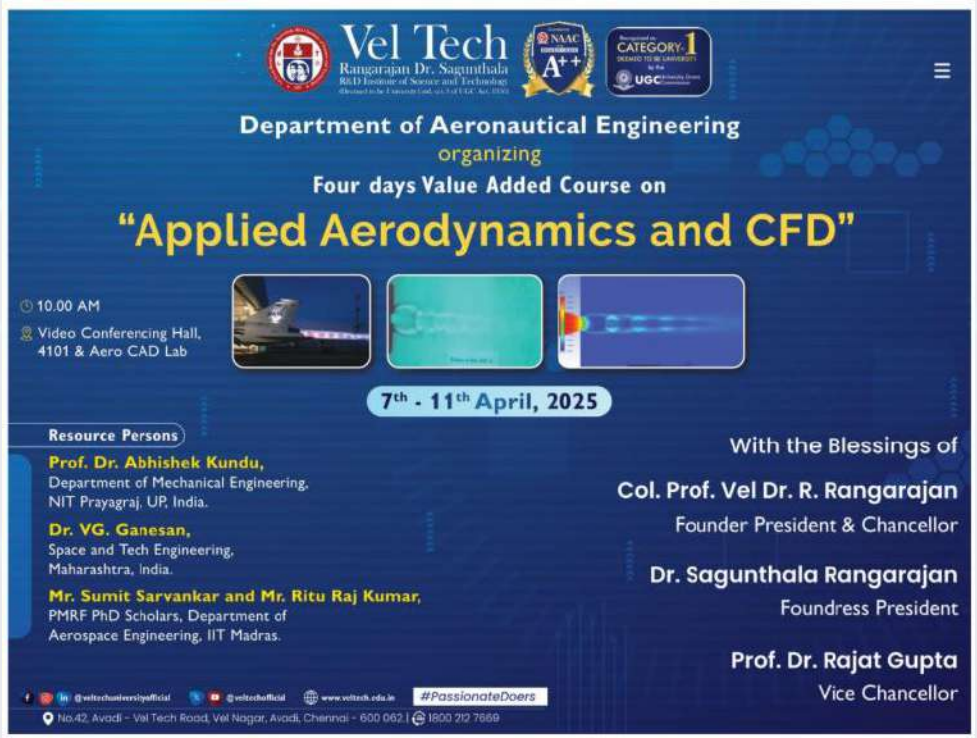
Training Programs

Value Added Courses

Mar 2025
VAC on Composite Technology (30 Hours)
Total Students Participated : 60



April 2025
VAC on Applied Aerodynamics & CFD (30 Hours)
Total Students Participated : 64



Training Programs

Conference



Impact 2025

Papers Received – 114
Selected for Conference – 57
Published in WOS – 10
Accepted in Scopus - 15



Training Programs

Abroad & Industry Expert Courses

Course Name	No. of Students attended	Name of the Expert	Name of the University	Country
Materials and Additive Manufacturing for Sustainable Development	31	Prof. Dr.Lopez Elena	Fraunhofer Institute of Beam Technology (IWS)	Germany
Data Analysis & System Identification	26	Dr. Phang Swee King	Taylor's University	Malaysia
Advanced Research Methodology for Industrial Revolution 4.0	26	Dr. Kapil Gupta	University of Johannesburg	South Africa
Introduction to Composite Technology	45	Balasubramanian V	Avironix Pvt Ltd	India





Training Programs

IV & OJT

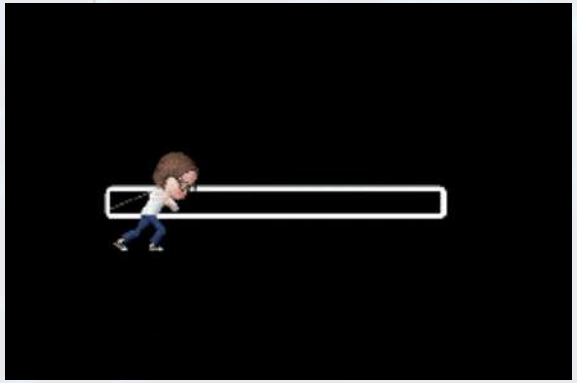


IV to ISRO



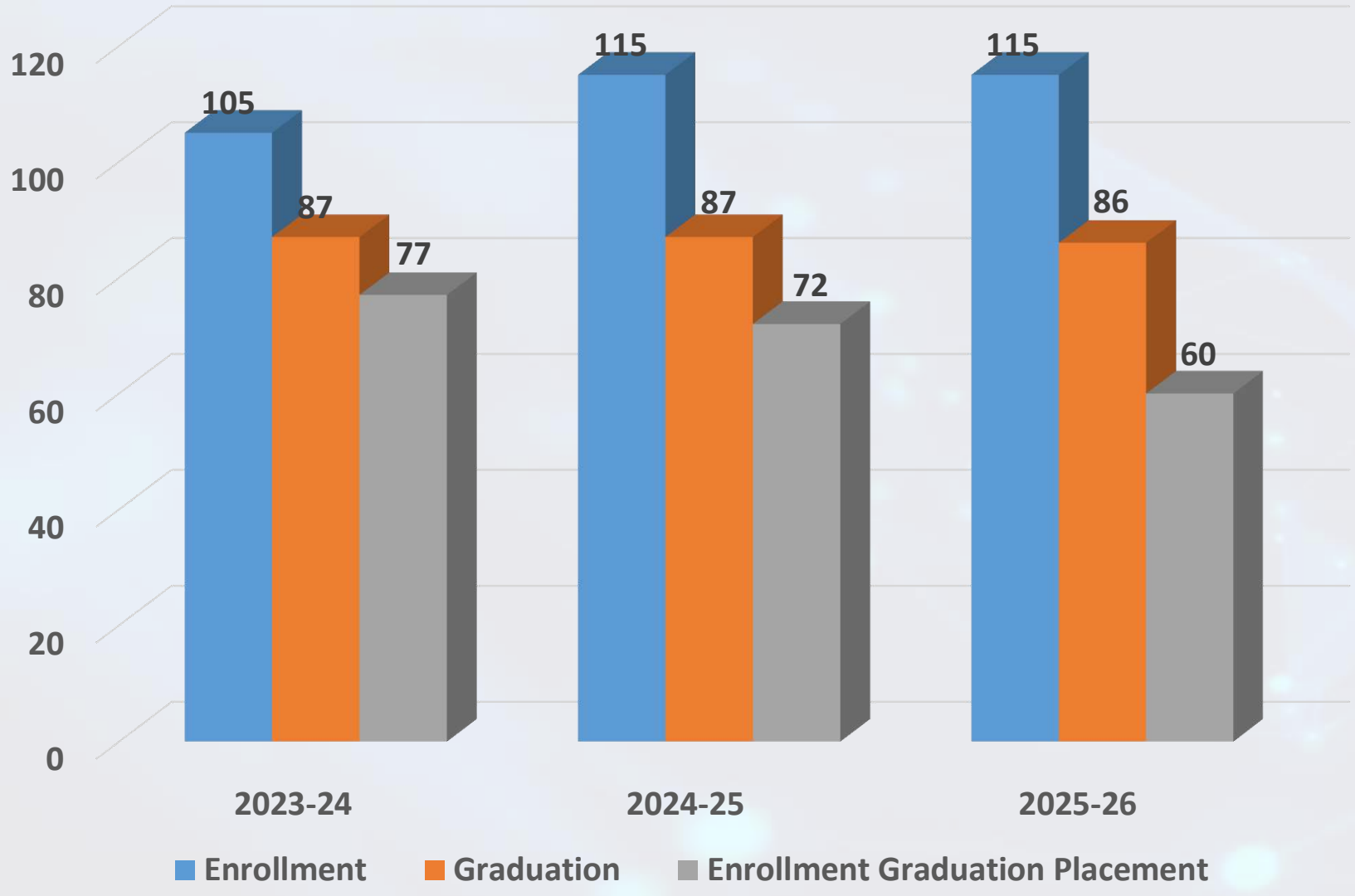


Student Success, Placements & Development



Students Performance

Enrolment, Graduation and Success



Students Performance

Notable Achievements



TAFE Innovesta 25 - Winner



Students Performance

Notable Achievements





Drone Federation of India, Aero GCS Project Competition
Winner in last three Editions



Students Performance

Notable Achievements



Scholarship Received



Students Performance

Notable Achievements





Funded visit to Japan

III Year B.Tech. Aero Students

Students Performance

Notable Achievements







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)
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A++

SCHOOL OF MECHANICAL AND CONSTRUCTION

Department of Civil Engineering

Progression and Achievements (01 May 2025 - 28 February 2026)

Students Details (AY 2024 – 2025)

CIVIL ENGINEERING – STUDENT COUNT			
		Intake	Count
UG	I	30	12
	II	30	14
	III	60	24
	IV	60	23
Total		180	73
PG	I	18(SE)+18(EE)	18+5
	II	18(SE)+18(EE)	14+6
Total		72	43
PhD	FT		12
	PT		34
Total			46

FACULTY COUNT – CIVIL	
Category	Count
Professor	6
Associate Professor	5
Assistant Professor	8
Total	19

R&D Projects, Publications & Patents CY 2025

(ongoing and sanctioned)

	Funded Project	Amount in Lakhs.
Civil	4	11.5 Lakhs

	Seed Fund	Amount in Lakhs.
Civil	1	1.5 Lakhs

	Consultancy	Amount in Lakhs.
Civil	17	12.6 Lakhs

Journal Publications	Civil
WoS Journals	39
Scopus Journals	51
Total	90

Patents	Civil
Published	18
Granted	1

Faculty Awards & Achievements

The following Faculty Members were received REWARDS FOR PUBLICATIONS for the CY 2025

Name of the Faculty	Designation	Amount
Dr. KANDASAMY. S	Professor	₹ 30,000
Dr. S. SELVAKUMAR	Associate Professor	₹ 5,000
Dr. SAMSON. S	Professor	₹ 15,000
Dr. G. KUMAR	Professor	₹ 35,000
Dr. LOGESHWARI. J	Associate Professor	₹ 10,000
Dr. VINODKUMAR. M	Professor	₹ 70,000
Dr. TAMILARASAN. K	Associate Professor	₹ 60,000
Dr. A. CHITHAMBAR GANESH	Associate Professor	₹ 2,500
Dr. GOPIKUMAR. S	Assistant Professor	₹ 35,000
Dr. CICI JENNIFER RAJ. J	Associate Professor	₹ 30,000
Dr. NELSON PONNU DURAI. T	Assistant Professor	₹ 5,000
Dr. BASKAR S	Assistant Professor	₹ 5,000
Dr. T. UDHAYA KUMAR	Assistant Professor	₹ 5,000

The following FOUR Faculty Members were received Research Development Fund (RDF) Seed Reward for the publications in the CY 2025.

Name of the Faculty	Designation	Reward (Rs)
Dr. S. Samson	Professor	50000
Dr. M. Vinod Kumar	Professor	75000
Dr. S. Kandasamy	Professor	75000
Dr. G. Kumar	Professor	75000
Dr. K. Tamilarasan	Associate Professor	75000
Dr. T. Nelson Ponnu Durai	Assistant Professor	50000

Placement, Graduate Ratio & Credit courses offered

Graduate Ratio (BATCH 2021-25)	Total
Total Students	32
Graduated	27
Percentage of Graduation	84.3

Placement	Total
BATCH 2021 - 25	12
BATCH 2022 – 26 (Till Date)	6
Higher Studies (BATCH 2021-25)	4

S. No.	Programs Conducted	Date	Recourse Person Details
1.	Programme Elective course “Whole Building Life Cycle Assessment”	16.02.2026 to 20.02.2026	J. Saravanan, IGBC & CII Verified Professional in Building LCA and Founder of Carbon Figure
2.	IHL on “Embodied Carbon Management and Life Cycle Assessment in Building”	16.02.2026 to 20.02.2026	

Event Organized

S. No.	Programs Conducted	Date	Recourse Person Details
	Value added Courses		
1.	AI Nexus – Civil Engineering	01.09.2025 to 03.09.2025	Dr. G. Maheswaran, Executive Committee Member, ISTE.
2.	Topographical and Building Survey	08.09.2025 to 10.09.2025	Mr. C. Selvaraj, Managing Director, Athira Geo Spatial Service Pvt. Ltd., Chennai.
3.	Revit for Civil Engineers: Design to Documentation	08.10.2025 to 11.10.2025	Mr. S. Balasubramaniyam Branch Manager, Diagonal CADD Pursuit Prowers Design, Chennai.
	Workshop		
1.	Guest Lecture on "Foundations of the Future: Exploring Civil Engineering Pathways “	20.08.2025	Mr. S. Balasubramaniyam Branch Manager, Diagonal CADD Pursuit Prowers Design, Chennai.
2.	One Day Workshop on “Building Smarter with Revit: A Hands-on Workshop”	22.08.2025	
3.	One Day Hands on Training in“Self-Compacting Concrete: Design, Testing and Field Applications”	12.09.2025	Dr. G.S. Rampradheep, Associate Professor, Kongu Engineering College.
4.	Alumni Students Interaction on “Geospatial in AEC”	04.02.2026	Ms. C. Soundarya, Manager, Geospatial Solution Consulting & Presales, LTIMINDTREE.
	FDP		
1.	Low-Carbon Concrete & Sustainable Construction Technologies	16.02.2026 to 21.02.2026	The resource persons from eminent industries and institutions

Glimpse of Events Organized



Students Academic Achievements

S. No.	Name of the students	Name of the event	Name of the award
1.	S Manikanta (VTU 27158)	Concrete Cube Test Competition – ACI	First Prize: Rs. 10000
2.	M Sai Vyshnavi (VTU 26986)		Second Prize: Rs. 7000
3.	Ayush Kumar (VTU 27368)		Third Prize: Rs. 3000
4.	Yashnit Isaac (VTU 23866)	Dr Ambedkar institute of Technology "Word Knowledge day"	Presented paper
5.	Deepak Kumar (VTU 24254)		
6.	Ayush Kumar (VTU 27368)		
7.	A. Keerthi (VTU 23435)	IIT Tirupati – International Conference	Presented paper
8.	V. Ramakrishna (VTU 30587)	Chennai Institute of Technology	Workshop attended
9.	Sri Pujitha (VTU 28344)		
10.	Hema Sri Nikitha (VTU 26925)		
11.	Saleem (VTU 27327)		
12.	Ayush Kumar (VTU 27368)	SKN Sinhgad College of Engineering – International Conference	Presented paper

Thank You

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DEPARTMENT OF MECHANICAL ENGINEERING

SCHOOL OF MECHANICAL AND CONSTRUCTION

Progression and Achievements
Jan 2025 – Feb 2026

Programmes Offered

No. of UG Programme in the Department : 1

No. of PG Programme in the Department : 2

Name of the UG Programme : B. Tech. - Mechanical Engineering

Name of the PG Programme : M.Tech. - Metallurgical and Materials Science Engineering

M.Tech. - Industrial Safety and Engineering

Department Vision and Mission

Department Vision

To achieve world class excellence in Mechanical Engineering education and research by nurturing innovative and responsible professionals committed to sustainable societal development

Department Mission

M1: To impart quality education through innovative teaching–learning processes that prepares competent mechanical engineers.

M2: To foster a vibrant research environment that promotes interdisciplinary research and sustainable solutions for societal challenges.

M3: To establish strong collaborations with convergent industries and research organizations to promote experiential learning, career opportunities, and entrepreneurship.

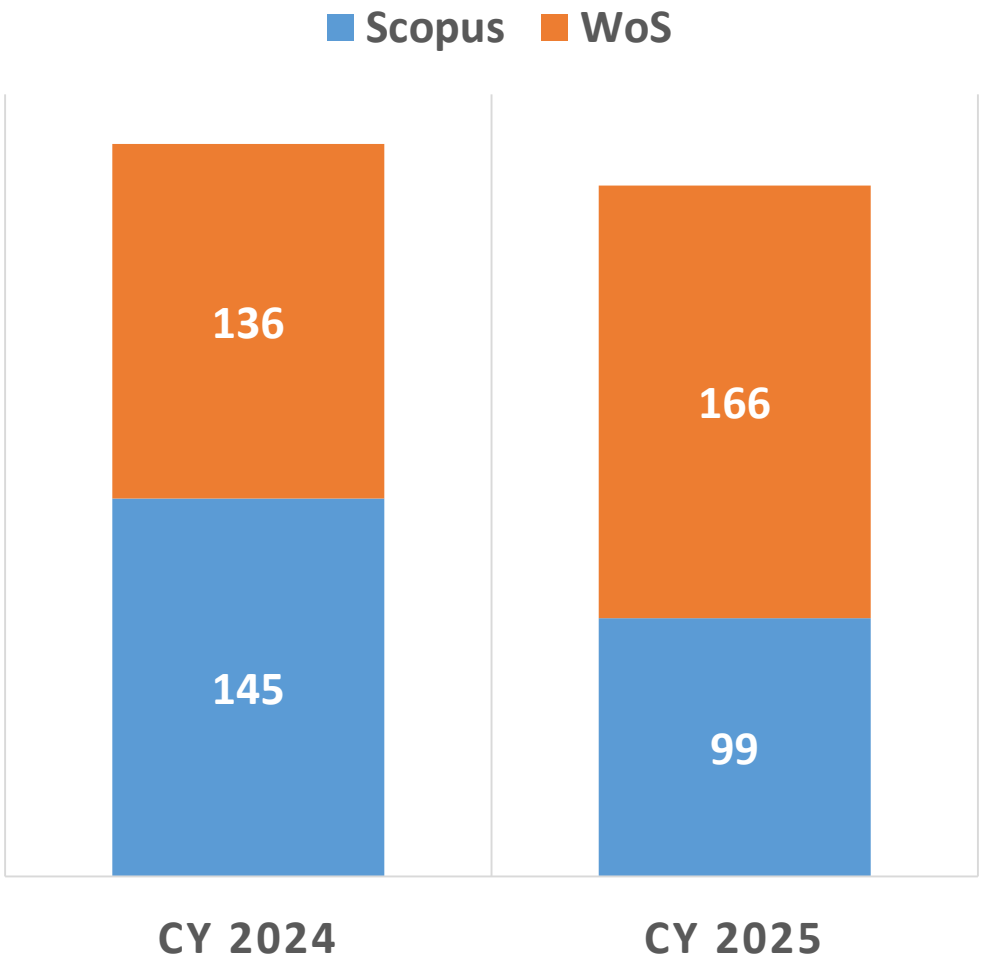
M4: To develop mechanical engineering professionals with integrity, inclusive leadership, excellence, and commitment to diversity and gender equity through value-based education.

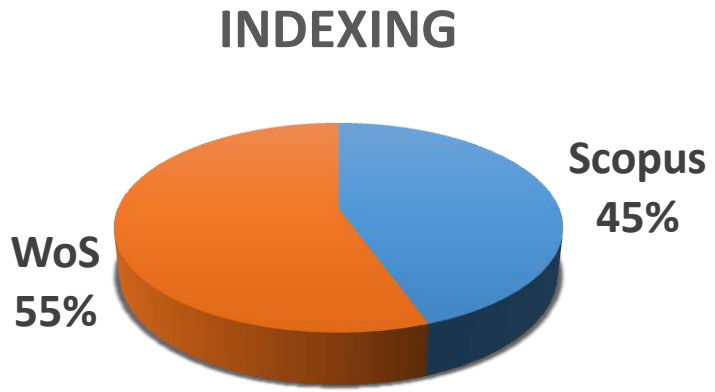
Students & Faculty (AY 2025 – 2026)

Intake / Admitted		Mech	
		Intake	Admitted
UG	I	60	70
	II	60	63
	III	60	75
	IV	60	56
Total		240	264
PG	I	54	53
	II	54	59
Total		108	112
PhD	FT		2
	PT		3
Total			5

Category	Mech
Professor	19
Associate Professor	16
Assistant Professor	6
Total	41

Projects & Publications CY 2025





Funding Sanctioned
Rs. 37.5 lakhs

Anusandhan National Research Foundation

EDII-TN
Entrepreneurship
DEVELOPMENT AND INNOVATION INSTITUTE
GOVERNMENT OF TAMIL NADU

Placement & Graduate Ratio

Placement	Placement	Higher Studies	Entrepreneur
BATCH 2021 - 2025	80	4	0
BATCH 2022 - 2026 (Till Date)	81	4	1

Graduate Ratio (BATCH 2021-2025)	UG	PG
Total Students	84	34
Graduated	75	34
Percentage of Graduation	89.3	100

Memorandum of Understanding (MoU)



A **Memorandum of Understanding (MoU)** was signed between **Dayananda Sagar College of Engineering**, Bangalore, and Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology on 03 July 2025 to promote research collaboration and academic activities. The MoU aims to strengthen cooperation in joint research projects, faculty and student exchange programmes, technical workshops, seminars, and other scholarly initiatives to enhance academic excellence and innovation between the two institutions.

Events Organized by Mechanical Engineering





Dr. Ahmad Baharuddin Abdullah, Associate Professor at Universiti Sains Malaysia, School of Mechanical Engineering, Penang, Malaysia, delivered the specialized **One-credit course** 10215ME912 – Metal Forming Processes comprising 15 lecture periods. The programme was conducted from 02–05 February 2026, providing focused insights into advanced metal forming techniques and industrial applications.

Events Organized by Mechanical Engineering



Prof. Dr. Minoru SASAKI, Senior Professor, Gifu University, Japan, delivered a **Value-Added Course** titled **"10218ME901 – Think-Act Robots: AI Essentials for Robotics"** for 60 third-year students of the Department of Mechanical Engineering. The programme was conducted from **09 February 2026 to 13 February 2026**, focusing on AI fundamentals and their applications in robotics systems.

Events Organized by Mechanical Engineering



Department of Mechanical Engineering, organized a credit course on AI and Sustainability: Theory and Practice delivery by **Dr. M. Velan, Professor of Practice, Indian Institute of Information Technology, Design & Manufacturing Kanchipuram** (An Institute of National Importance under MHRD, GOI) on Sept 2025.



A guest lecture was delivered by **Mr. K. Subramanian** , CEO from Vektor Systems on **11 February 2026** for students and faculty members on the effective use of Engineering Graphics through Vektor CAD software. The session focused on the easy and practical usage of the software for technical drawing, drafting techniques, and improving accuracy and efficiency in engineering design.

FDP Organized by Mechanical Engineering



The Department of Mechanical Engineering in association with CEDAAR Centre for Data Analytics & Research, Chennai, organized a **Six-Day International Online Capacity Building Programme on "Data to Design and Prediction to Creation"** from 05 to 10 January 2026 between 7.00 pm and 8.30 pm. The programme focused on leveraging data to drive innovation and enhance decision-making, providing participants with insights into data analytics applications in engineering design and research.

Events Organized by Mechanical Engineering

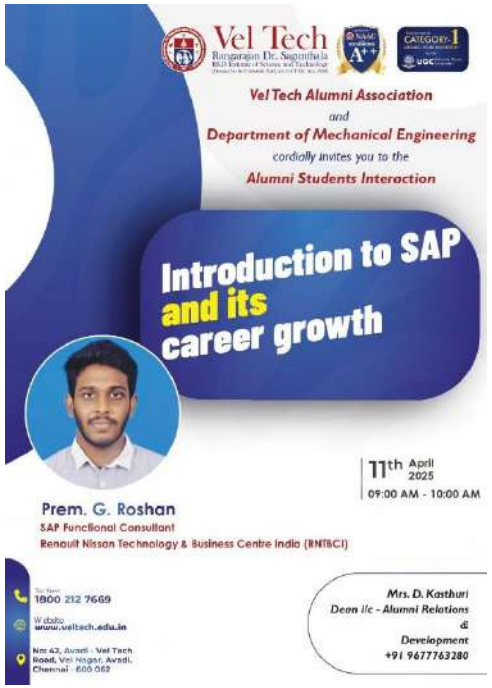


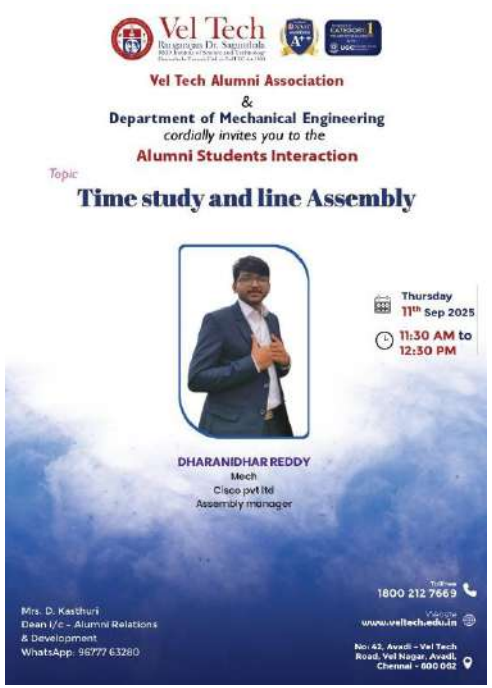


The Vel Tech Technology Incubator, in association with the Department of Mechanical Engineering, organized a workshop on **"Entrepreneurship & Innovation as a Career Opportunity"** from 08 to 17 September 2025. The programme aimed to create awareness among students about startup ecosystems, innovation-driven career paths, and the opportunities available in entrepreneurship, encouraging them to develop entrepreneurial skills and transform innovative ideas into viable ventures.

Alumni Interaction











Faculty Awards & Achievements



ഭാരതീയ സാങ്കേതികവിദ്യാ സ്ഥാപനം പാലക്കാട്
भारतीय प्रौद्योगिकी संस्थान पालक्काड
Indian Institute of Technology Palakkad
Nurturing Minds For a Better World
IIT PALAKKAD

All India Council For Technical Education
अखिल भारतीय तकनीकी शिक्षा परिषद्

Certificate No. 25PGIITPKD0005

CERTIFICATE OF COMPLETION

AICTE QIP PG Certificate Programme

Dr. PRAVEEN A. S.

[1-3866728654], Professor, Department Of Mechanical Engineering working with Vel Tech Rangarajan Dr. Sagunthala R&D Institute Of Science And Technology has successfully completed Programme in Robotics conducted during June, 2025 to December, 2025.

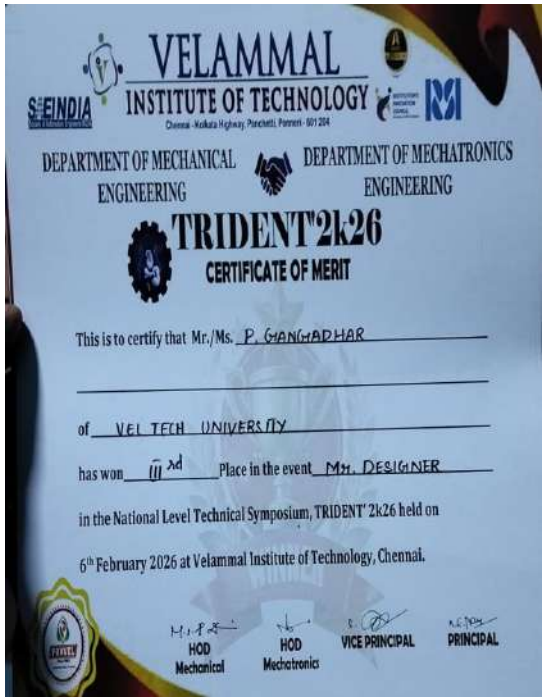
Dr. Sneha Gajbhiye
Programme Coordinator
IIT PALAKKAD

Dr. Kanmani Subbu S.
Centre Coordinator
IIT PALAKKAD

Prof. A. Seshadri Sekhar
Director
IIT PALAKKAD

Dr. Praveen A. S., Professor in the Department of Mechanical Engineering at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, successfully completed the **AICTE QIP PG Certificate Programme in Robotics conducted by Indian Institute of Technology Palakkad** under the aegis of All India Council for Technical Education. The programme was held from June 2025 to December 2025, enhancing advanced knowledge and research competencies in the field of robotics.

Students Academic Achievements



P. Gangadhar of III Year secured **Second Place** in the event "Mr. Designer" at the National Level Technical Symposium **TRIDENT'2k26**, organized by the Department of Mechanical Engineering and Department of Mechatronics Engineering at Velammal Institute of Technology, Chennai, held on 6 February 2026.



Sai Kumar S , III year secured **First Place** in the event "Mr. Designer" at the National Level Technical Symposium **TRIDENT'2k26**, organized by the Department of Mechanical and Mechatronics Engineering at Velammal Institute of Technology, Chennai, held on 6 February 2026.

Raja Rishikesh, III Year secured **Third Place** in the event "Robo Race" at National Level Technical Symposium **TRIDENT'2k26** at Velammal Institute of Technology on 6 February 2026.

Students Academic Achievements





Amma Vamshi participated in the IIC Regional Meet 2025 organized by MoE's Innovation Cell, Institutions' Innovation Council (IIC), AICTE, and attended the One Day Regional Meet hosted by St. Joseph's Institute of Technology, Chennai on 28 November 2025.

Adithya, Amma Vamshi, and Sai Kumar, III Year secured **First Place** in the Paper Presentation/Design Hackathon at **HACKFEST '26**, organized by the Department of Mechanical Engineering, Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, held on 12 February 2026.

S

Faculty and Research

Experienced faculty, high-quality research

- Strong and experienced faculty team
- High-quality research publications
- Significant number of WoS indexed publications
- Publications in reputed Q1 journals
- Industry-Internship to all Students

W

Student Career Paths

GATE, UPSC, higher studies, entrepreneurship

- GATE, UPSC preparation
- Higher studies at IITs, state universities
- Entrepreneur , Start-up conversion

O

Technological Advancements

AI, Robotics, Industry 5.0, consultancy

- Adoption of AI in Mechanical Engineering
- Expansion into Robotics and Automation
- Interdisciplinary research collaborations
- Industry 5.0, Smart Manufacturing, Digital Twin technologies
- Consultancy and industry-funded projects

T

External Competition

CS/AI branches, declining interest, automation

- Increasing competition from Computer Science and AI-related branches
- Declining student interest in traditional mechanical roles
- Rapid technological changes requiring continuous curriculum updates
- Automation reducing traditional mechanical job roles

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)

52nd - Academic Council Meeting

The Office of Research & Development - Progress Update

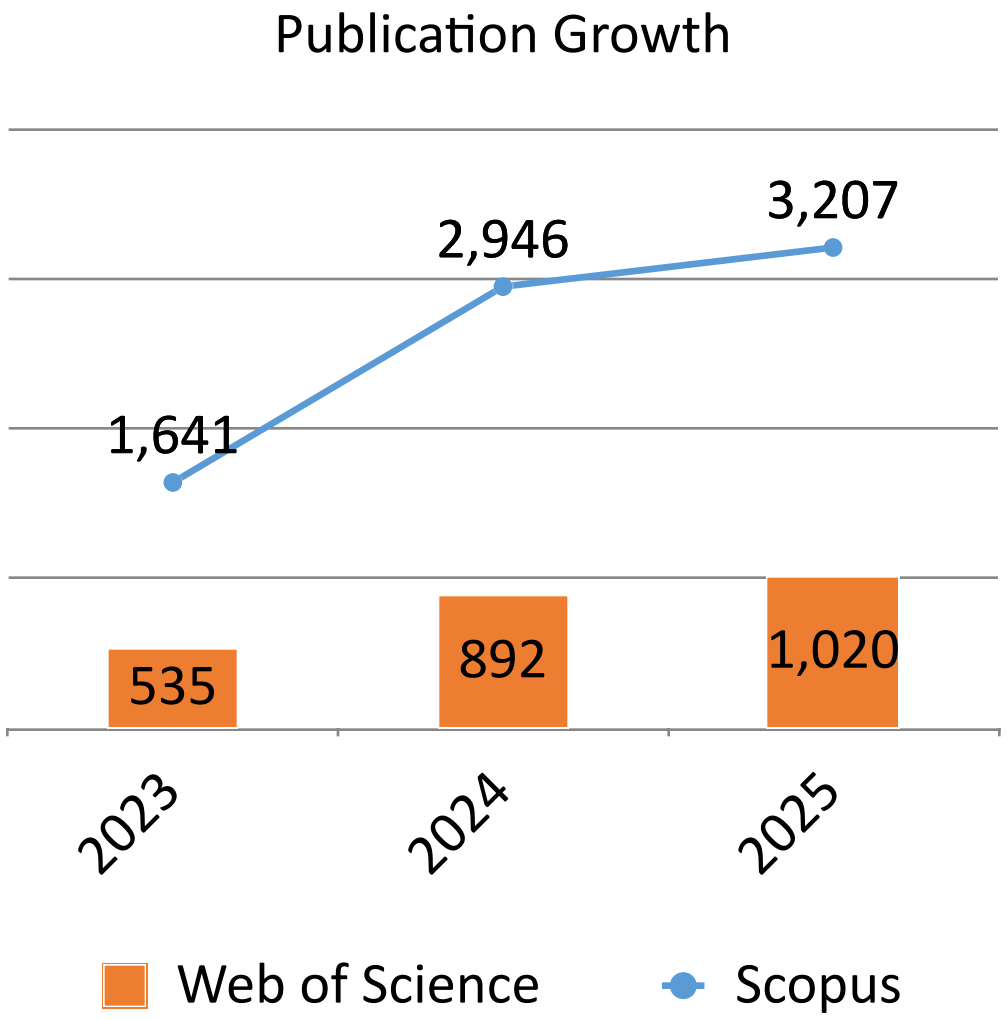
Office of R&D and Technology Business Incubator

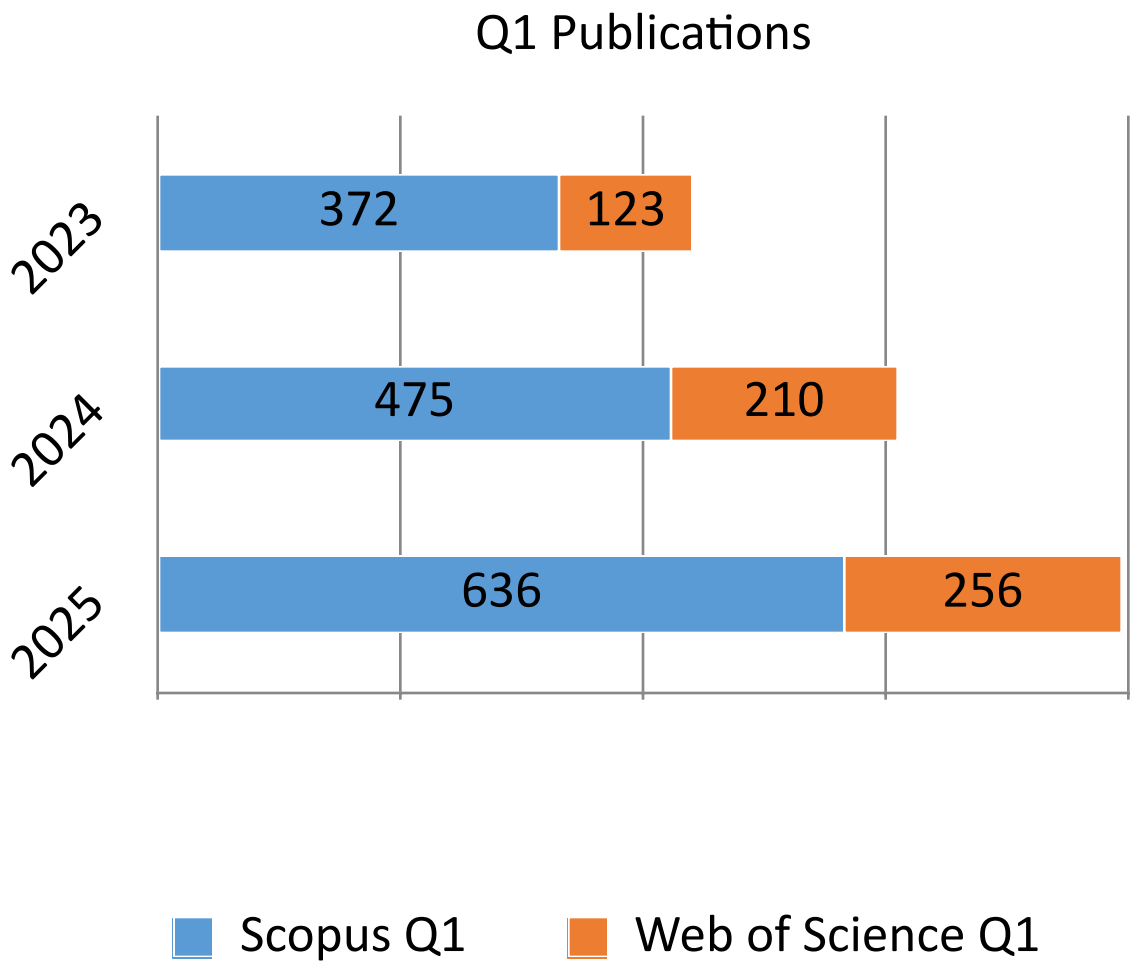
Presentation Agenda

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

Publications in Q1 Journals





Initiatives aimed at enhancing publications

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

Publication Acceleration Programme

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:

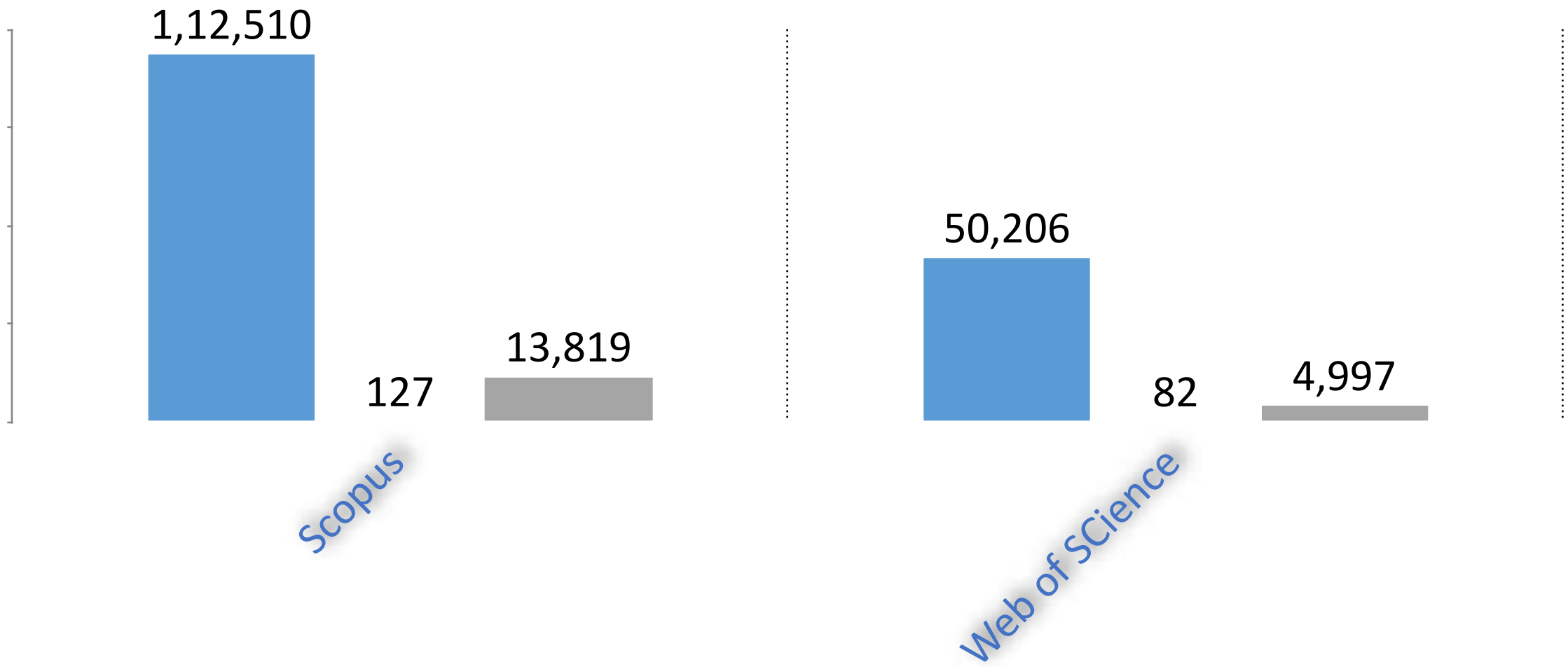
1. **350 total submissions (300+ targeting Q1 journals)**
2. **100% zero-APC publications**
3. **All-VelTech authorship ensuring authentic institutional research**

Strategic Outcomes:

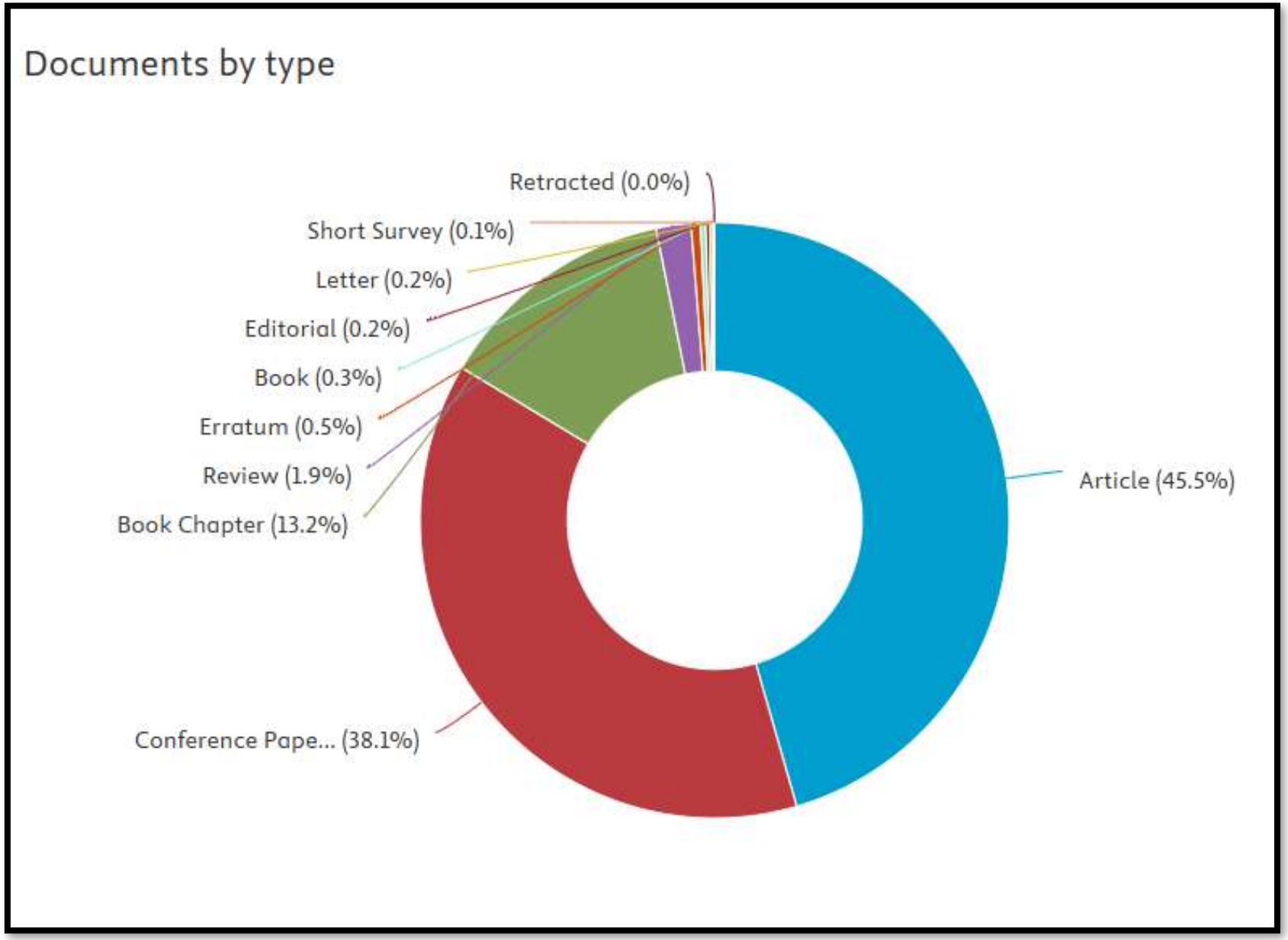
1. Enhanced faculty profiles for funding agency credibility
2. Elimination of "bought authorship" perceptions
3. Increased project funding success rates through legitimate Q1 publication records

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



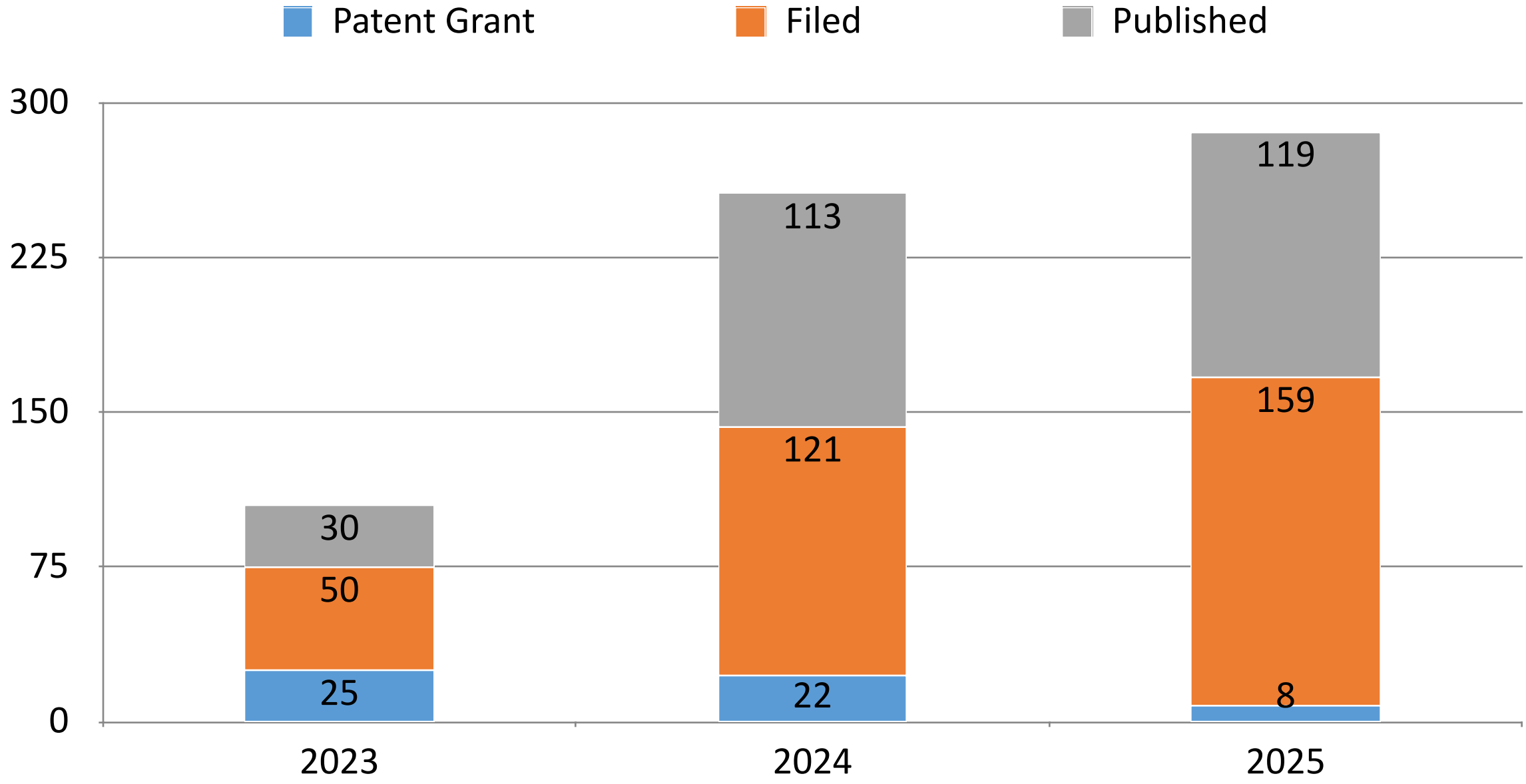
Publications



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**		• Must be First Author/Corresponding Author in the mandatory manuscript. • No Conference/Book Chapter will be accepted.
	Assoc. Prof.	**4**	**1**	**1**	**1**	• 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**	
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
300
225
150
75
0
30
50
25
113
121
22
119
159
8
2023
2024
2025

Idea - PoC - Patent - market - Commercialization



- 500 IoT Problem Launched on 24th November 2025
- Mini Project
- 350 SoC
- 150 SoEC

Progress Update of 500 IoT Product

Out of 500 / 250 Kit Distributed

7 Successfully Demonstrated









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

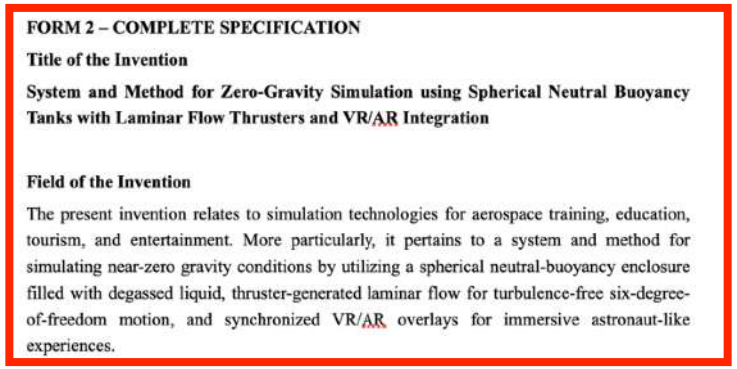


SMART INDIA HACKATHON 2025

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.

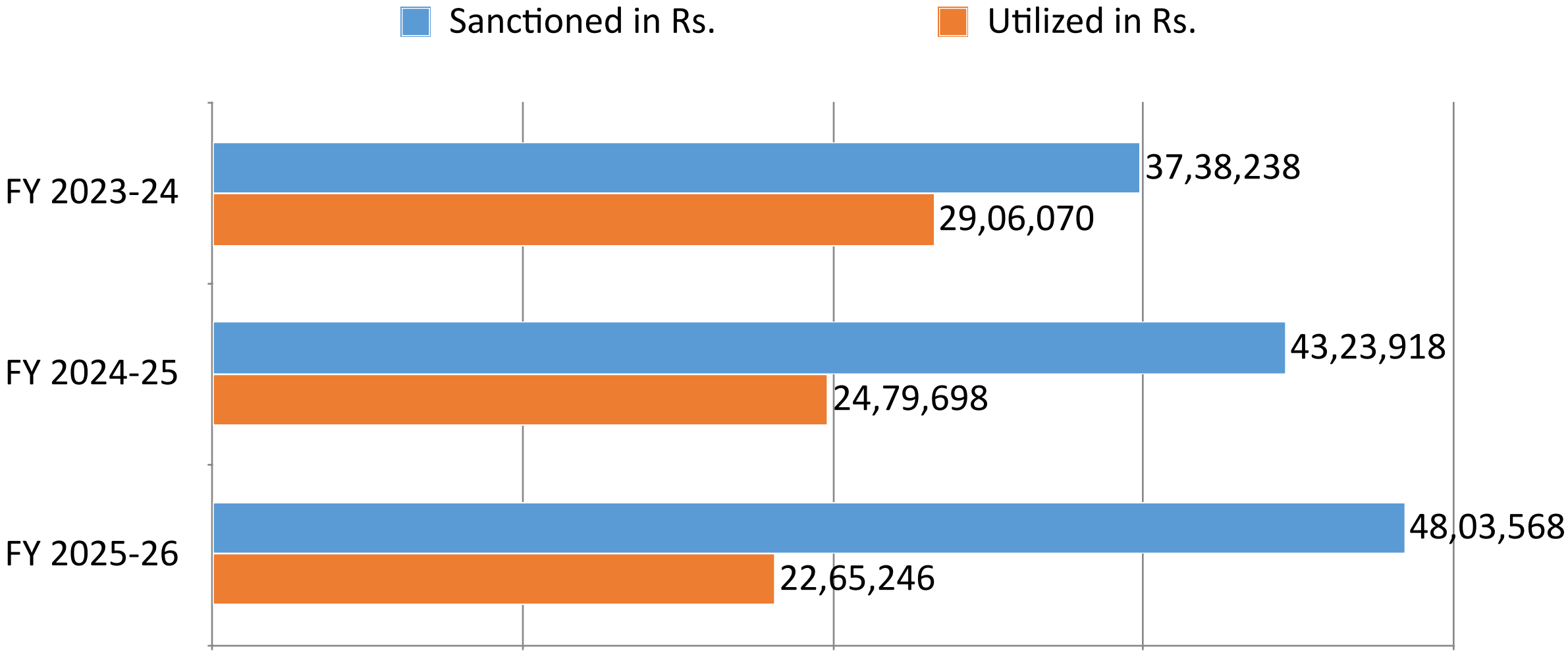
Duration

12 months

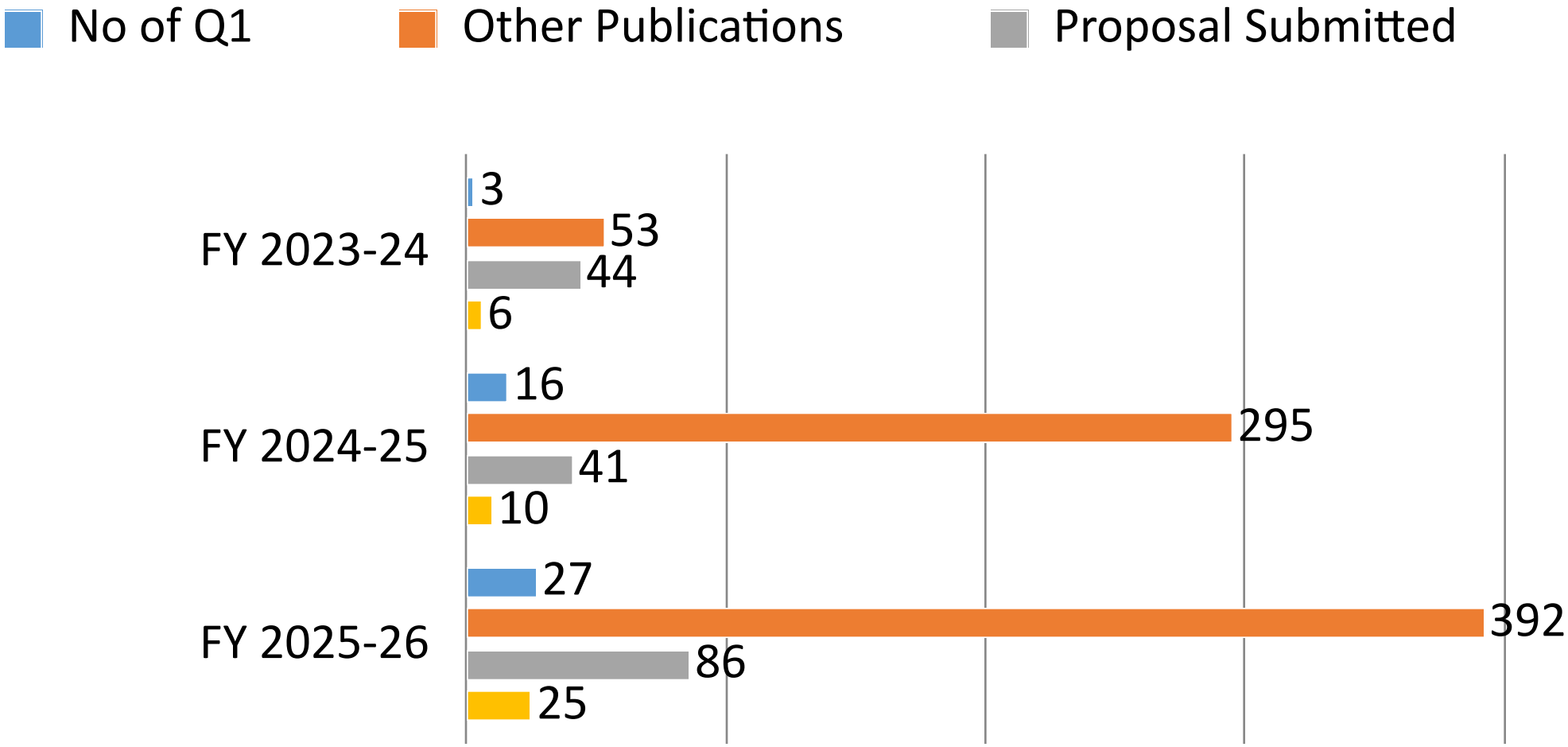
Expected Outcomes (Not limited to)

- 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



Institute Funded Seed Money - Outcome



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	149.02
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 Constrcution	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 COMOSITE 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/-





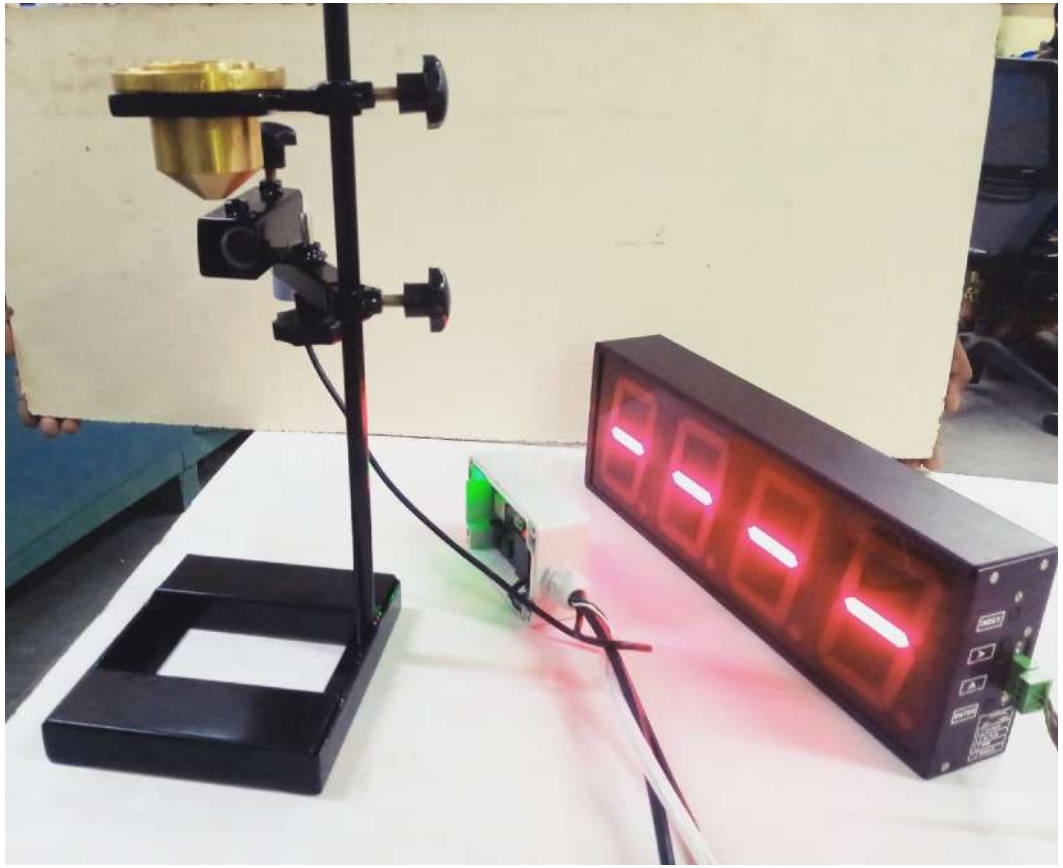
CoE on IoT and Smart Factory Initiatives

Name of the Product: Smart Viscosity IoT System

Delivered to: Ashok Leyland Ltd., Ennore Mfg. Plant Ennore, Chennai-600057.

Amount: Rs.92,040.00/-





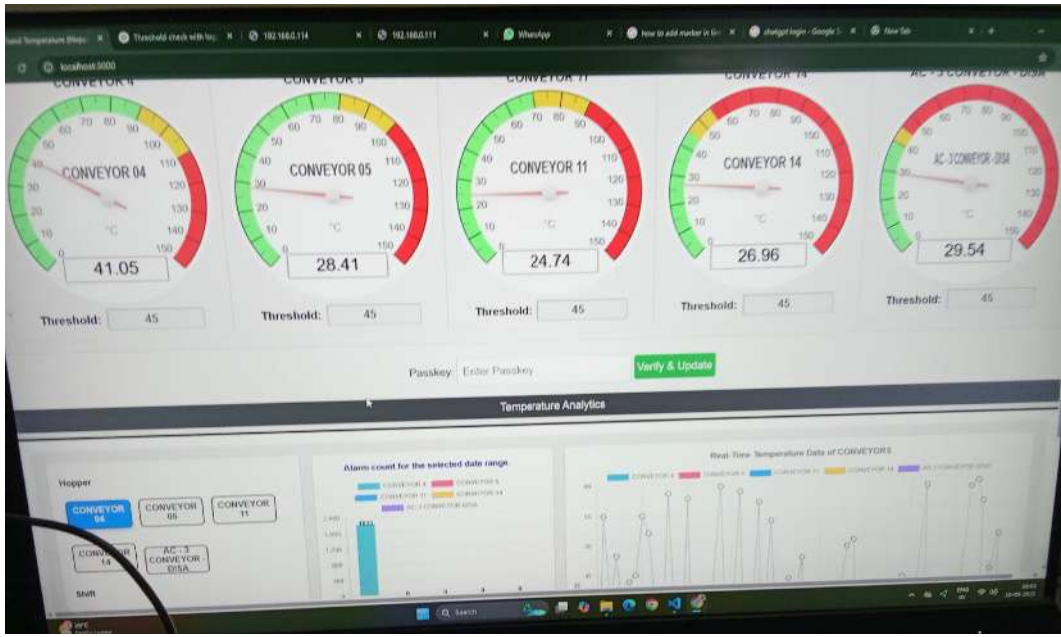
CoE on IoT and Smart Factory Initiatives

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/-





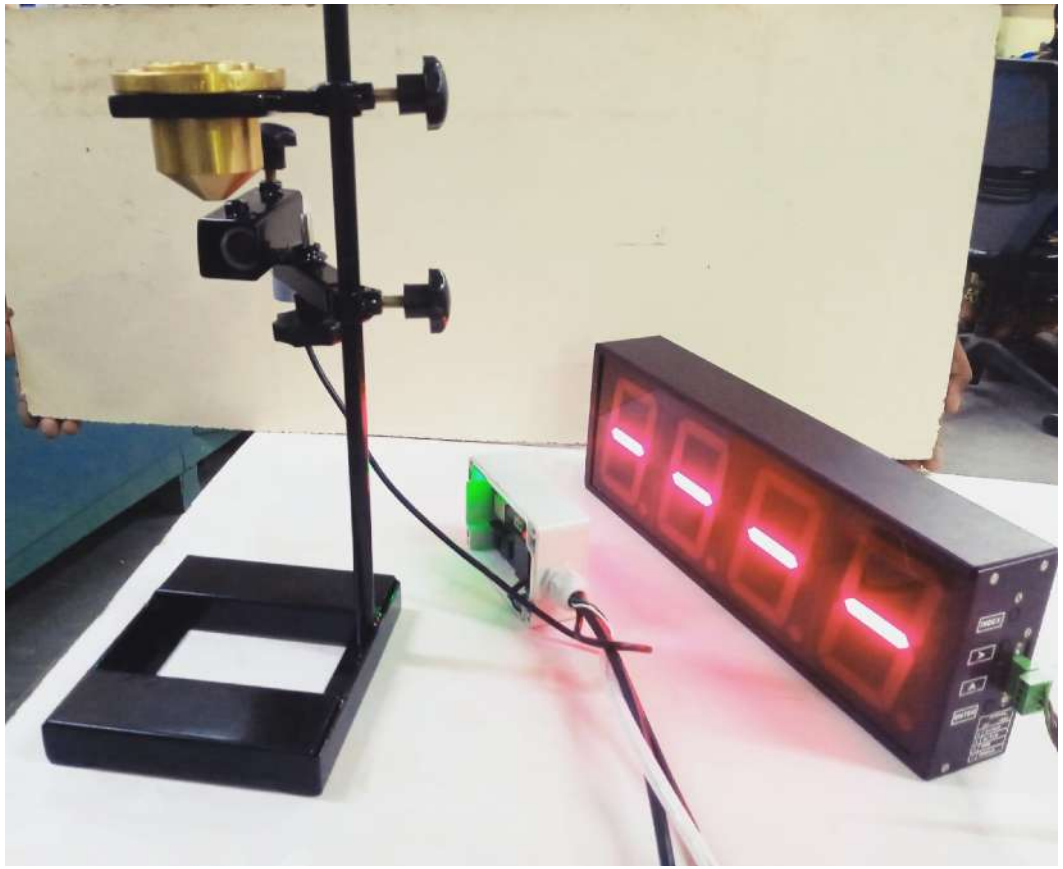
CoE on IoT and Smart Factory Initiatives

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/-







Thank you