



Vel Tech

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



Attendance Sheet for 61st Meeting of the Executive Council

on 28.12.2024 AT 03.00 p.m.

Mode: International Conference Hall

S.NO	NAME	POSITION	SIGNATURE
1.	Prof. Dr. Rajat Gupta Vice Chancellor, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Chairperson	
2.	Dr. S. Raju, Dean (Academics), Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Dean Nominee	
3.	Prof. Dr. S.P. Chockalingam, Dean (SoC), Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Dean Nominee	
4.	Dr. R. Mangaleeswaran Department of Social Work Bharathidasan University Tiruchirapalli - 620 024	UGC Nominee	
5.	Dr. P. Chandrakumar Professor & Dean (R&D) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Professor Nominee	
6.	Dr. E. Ajitha Associate professor, School of Law Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Associate Professor Nominee	
7.	Dr. P. Vijayaraman Asst. Professor & Dean (Campus to Corporate) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Assistant Professors Nominee	
8.	Dr. (Mrs.).Rangarajan Mahalakshmi Kishore, Chairperson Managing trustee, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Nominee of the sponsoring body	



Vel Tech

Rangarajan Dr. Sagunthala
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S.NO	NAME	POSITION	SIGNATURE
9.	Dr.S.P.Thyagarajan, Distinguished Professor & Advisor to Chancellor Vellore Institute of Technology Chennai.	Nominee of the sponsoring body	Online
10.	Prof. B.S. Murty Director Indian Institute of Technology Kandi, Sangareddy, Hyderabad-502284.	Nominee of the sponsoring body	
11.	Mr. Murali Vaidyanathan President, Wheels India Limited Chennai	Nominee of the sponsoring body	online
12.	Dr.E.Kannan, Registrar, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Secretary	


VICE CHANCELLOR



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Cleared to be University Estd. by UGC Act, 1956



**AGENDA & MINUTES OF THE 61ST MEETING OF
EXECUTIVE COUNCIL
on 28.12.2024 at 03.00 p.m.
Venue : International Conference Hall.**

A. OPENING	
61.1	<i>To inform the board about the leave of absence of the members.</i>
61.2	<i>To record the notice convening the 61st Executive Council (EC) meeting scheduled on December 28, 2024.</i>
61.3	<i>To report and record the minutes of the 60th EC meeting held on September 21, 2024.</i>
61.4	<i>To inform the board about the actions taken based on the minutes of the 60th EC meeting held on September 21, 2024.</i>
61.5	<i>To report and record the agenda for the 61st EC meeting scheduled on December 28, 2024.</i>
B. ITEMS FOR CONSIDERATION AND APPROVAL	
61.6	<i>To consider and approve the results of the Ph.D. Viva-voce examination conducted since the last EC meeting held on September 21, 2024.</i>
61.7	<i>To consider and approve the minutes of the 47th Academic Council Meeting held on November 23, 2024.</i>
61.8	<i>To consider and approve the minutes of the 24th Internal Quality Assurance Cell Meeting held on November 27, 2024.</i>
61.9	<i>To consider and approve the minutes of the 34th Finance Committee Meeting held on December 7, 2024.</i>
61.10	<i>To consider and approve the Annual Quality Assurance Report (AQAR) for the Academic Year 2023-24 for submission to NAAC.</i>


Prof. Rajat Gupta
Vice Chancellor

C. Items for Presentation of Activities of Industry Relations	
61.11	<i>To discuss the activities of the Office of Industry Relations during the Academic Year 2023-24 and its proposed activities for the Academic Year 2024-25.</i>
D. Items for Ratification	
61.12	<i>To ratify and record the action taken with regard to the reconstitution of the Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology Trust.</i>
61.13	<i>To ratify the recommendations of the Faculty Selection Committee since the last EC meeting held on September 21, 2024.</i>
61.14	<i>To ratify and record the action taken in the relaying of the damaged road connecting the Institution with the nearby main and arterial roads.</i>
E. Items for Reporting	
61.15	<i>To report and record the report on the selection process of the new Vice Chancellor of this Institution.</i>
61.16	<i>To report and record the status of Inspection of National Board of Accreditation during 20th to 22nd of December 2024 in connection with the accreditation of NBA status to the B.Tech. Biotechnology and MBA Programmes.</i>
61.17	<i>To report and record the proceedings of the 14th Convocation held on September 28 & 29, 2024.</i>
61.18	<i>To report and record the status of the International & National rankings, and awards received since the last EC meeting held on September 21, 2024.</i>
61.19	<i>To report and record the letters received from MHRD/ UGC/ AICTE/ BCI / DBT / Government of Tamil Nadu etc., and action taken thereof.</i>
F. Concluding	
61.20	<i>Any other item with the permission of the Chairperson.</i>
61.21	<i>To consider and approve the date for holding the next EC meeting during the month of March 2025.</i>
VOTE OF THANKS	


 Prof. Rajat Gupta
 Vice Chancellor

 Rangarajan Dr. Sagunthala
 Institute of Science and Technology
 Chennai - 600 092, India

MEMBERS

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


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

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



MINUTES

A. Opening

At the outset, the Honourable Chairperson extended a warm welcome to all the members attending the Council's meeting. In his welcome address, he highlighted the key activities undertaken since the last Executive meeting on September 21, 2024. Notable among these was the 14th Convocation held on September 28 and 29, 2024, during which degrees were awarded to 2,279 graduands, including 18 school toppers, and honorary degrees were conferred upon distinguished scientists. He also emphasized the institution's achievements, such as its improved ranking, successful student admissions across various degree programs, execution of MoUs, and significant academic contributions, including Scopus-indexed publications and citation milestones.

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

The Honorable Chairperson reported that all the members of the EC were present.

61.2 To record the notice convening the 61st Executive Council (EC) meeting scheduled on December 28, 2024.

The meeting notice to all the members was sent sufficiently in advance and a copy of the meeting notice is placed below in Appendix A.

A. 61st EC Meeting Notice



Appendix-A Click here

RESOLVED, THAT the Meeting Notice of the 61st Executive Council (EC) meeting of December 28, 2024, be recorded.

61.3 To report and record the minutes of the 60th EC meeting held on September 21, 2024.

A copy of the draft minutes of the 60th meeting of the EC held on September 21, 2024 was sent to all the members. The suggestions of the members were incorporated in the minutes and the corrected copy of the minutes is placed at the Appendix-B for approval.


Rajat Gupta
Vice Chancellor

B. 60th EC Meeting Minutes

Appendix-B Click here

The draft minutes of the meeting of the Executive Council held on September 21, 2024, and as per customary practice, the members were requested to suggest modifications, if any, before the corrected minutes were finalized and presented at the subsequent meeting of the Executive Council for approval. Accordingly, the finalized minutes were placed for the approval of the Executive Council.

RESOLVED, THAT the minutes of the 60th EC meeting held on September 21, 2024 be approved and recorded.

61.4 To inform the board about the actions taken based on the minutes of the 60th EC meeting held on September 21, 2024.

Prof. Dr. E. Kannan furnished the action taken report related to the minutes of the 60th EC meeting held on September 21, 2024 as detailed below:

Table 1: Action Taken reports based on 60th meeting of the EC.

Item No.	Subject	Decision	Action Taken
60.0 Opening	Honourable Chairperson's Welcome Address wherein he pointed out that the three former external members who served on the BoM forfeited their positions, due to the transitional constitutional changes that removed the Chancellor's nominee category from the newly constituted Executive Council.	The resolution was passed to express appreciation and gratitude to the external members for their invaluable contributions towards the improvisation of academic and administrative activities, as well as for their active participation in the policy and decision-making processes all these years.	As per the resolution passed, the Institution conveyed its deepest gratitude to Prof. H.S. Shan, IIT Roorkee, Prof. Jagadeesh Kumar, IIT Madras, and Dr. K. Venkataraman, IGCAR, for their exceptional service and remarkable contributions to the sustained growth and development of the Institution during their tenure.


 Prof. Rajat Gupta
 Vice Chancellor
 Vel Tech
 Rangarajan Dr. Saguathala
 Institute of Science and Technology

Item No.	Subject	Decision	Action Taken
60.5	Clarification regarding the sequential number given to the Executive Council 1 instead of 60.	In response to Prof. Dr. E. Kannan's clarification regarding the assignment of the sequence number to the Management Committee, despite its change from Board of Management (BoM) to Executive Council (EC), Prof. B.S. Murty advised that it would be better to check with other institutions to ensure the correctness of the procedure being followed.	It has been confirmed that deemed universities, including Avinashilingam Deemed to be University and Sathyabama University, maintain sequential numbering for their management meetings, regardless of any changes in the committee's name.
60.6	Norms and Procedure of Constitution of the SCSC for Appointment of Vice Chancellor.	In response to Dr.R. Mangaleswaran's query, Prof. Dr. E. Kannan offered a comprehensive explanation of the UGC norms related to the constitution of the Search Cum Selection Committee (SCSC). He elaborated on the specific guidelines governing the formation and functioning of the SCSC as per UGC regulations. Additionally, Prof. Dr. E. Kannan provided the names of the appointed SCSC members and updated Dr.R. Mangaleswaran on the current status of the selection process, ensuring transparency and clarity regarding its progress and adherence to regulatory requirements.	At its final meeting, the Search Cum Selection Committee (SCSC) recommended three candidates for the position of Vice Chancellor of this institution and submitted the recommendations to the Chancellor for the selection of the new Vice-Chancellor. A summary of the entire selection process is provided separately under Item No. 61.14.
60.12	Proposal for the conduct of 14th Annual Convocation.	The EC approved the proposal to confer the Doctor of Science (Honoris Causa) on three eminent scientists, subject to final approval by the Executive Council.	The Doctor of Science (Honoris Causa) was conferred upon Dr. N. Kalaiselvi (CSIR), Dr. Rajarajan (ISRO), and Dr. Babuji (Anaesthesiologist, Apollo Hospital, Chennai) at the Convocation, in recognition of their outstanding contributions to their respective fields of eminence.

RESOLVED, THAT the actions taken regarding the key discussions from the meeting held in September 2024, be approved and recorded.


Prof. Bejat Gupta
Vice Chancellor

- 61.5 To report and record the agenda for the 61st EC meeting scheduled on December 28, 2024.

The Agenda of the 61st meeting of the Executive Council scheduled on December 28, 2024 is given in the page no.1.

RESOLVED, THAT the agenda for the 61st EC meeting scheduled on December 28, 2024, be approved and recorded.

B. Items for Consideration and Approval

- 61.6 To consider and approve the results of the Ph.D. viva-voce examination conducted since the last EC meeting held on September 21, 2024.

The Controller of Examinations furnished the results data of the Ph.D. viva-voce examination conducted since the last EC meeting held on September 21, 2024 which is placed at the Appendix-C given below:

C. Ph.D. viva-voce Results



Appendix-C Click here

Prof. B. S. Murty pointed out the number of students admitted to the Ph.D. programs and emphasized the need to revise the monthly stipend for Ph.D. scholars. He observed that the existing stipend of Rs.25,000 was significantly lower compared to NITs and IITs, where the stipend starts at Rs.37,000 and increases to Rs.42,000. This disparity, he mentioned, could dissuade academically bright and motivated students from choosing this Institution for their doctoral studies.

He proposed that the stipend should be increased to at least Rs.35,000, with clear benchmarks for further increments based on performance or milestones. He highlighted that such an enhancement would not only make the Institution more competitive but also serve as a strategic initiative to attract and retain exceptional research talent. This, according to him, would positively impact the quality of academic output and elevate the Institution's reputation.

Prof. B. S. Murty further remarked on the long-term advantages of this measure, stating that by attracting brilliant researchers, the Institution could significantly enhance its contributions to innovation and scholarly achievements. He noted that these improvements were crucial for advancing the Institution's position in national rankings like NIRF and achieving recognition in international ranking frameworks.


Prof. Rajat Gupta
Vice Chancellor

He suggested that the Institution explore potential funding sources, including industry partnerships, government grants, and endowments, to facilitate the proposed stipend increase. He concluded by emphasizing that investing in human capital would be a pivotal step toward establishing the Institution as a premier destination for high-quality research and academic excellence.

Prof. S. P. Thyagarajan emphasized that ranking agencies, including NIRF, place significant importance on the enrollment of full-time research scholars as a key metric in their evaluations. He highlighted that full-time scholars are vital contributors to an institution's academic and research ecosystem, as they actively produce high-quality publications, present papers in reputed seminars, secure and execute funded projects, and contribute to other impactful scholarly activities. These contributions collectively enhance the institution's research profile and academic reputation.

He further elaborated that full-time scholars are better positioned to dedicate themselves entirely to their research work than part-time scholars, who often juggle professional responsibilities alongside their studies. This undivided focus enables them to concentrate deeper into their research areas. Moreover, admitting more full-time scholars aligns with the institution's goals of fostering a robust research culture and fulfilling its commitment to excellence in higher education. Their active participation in interdisciplinary research, collaboration with faculty members, and contributions to the academic community strengthen the institution's standing in global and national rankings.

Prof. S.P.Thyagarajan concluded by urging the institution to prioritize the admission of full-time scholars, emphasizing that this strategic decision not only enhances the institution's ranking but also creates a dynamic and thriving research environment that benefits all stakeholders.

Dr.R. Mangaleswaran emphasized that the Research Board needed to undergo regular and systematic revisions to align with the latest amendments introduced by the UGC and integrate emerging areas of research development. He pointed out that such revisions were essential for maintaining the institution's relevance in a rapidly evolving academic and research environment. According to him, staying updated with regulatory requirements and adopting new trends would ensure that the institution's research priorities addressed the most pressing and impactful areas of study.

He also highlighted the importance of focusing extensively on research in thrust areas, explaining that these often represented cutting-edge challenges and opportunities in various fields. He noted that such areas served as drivers of innovation, technological advancement, and solutions to critical societal, industrial, and environmental needs. He believed that by encouraging researchers to engage deeply in these fields, the institution could position itself as a leader in producing groundbreaking outcomes and contributing


Prof. Rajat Gupta
Vice Chancellor

significantly to national and global development. In conclusion, he advocated for a strategic and forward-looking approach to research governance, asserting that the Research Board had a crucial role to play in steering the institution toward greater academic and research excellence.

RESOLVED, THAT the results of the Ph.D. viva-voce examination conducted since the last EC meeting held on September 21, 2024, be approved and recorded.

61.7 To consider and approve the minutes of the 47th Academic Council Meeting held on November 23, 2024.

The Dean (Academics) will enlighten the significant discussions held and the decisions taken thereon at the Academic Council held on November 23, 2024.

A copy of the Minutes of the Academic Council is placed at the Appendix-D (Page No. 49) given below.

D. 47th ACM Minutes



Appendix-D Click here

The Dean (Academics) presented the Minutes of the Academic Council Meeting held on November 23, 2024 highlighting the important decisions taken at the Council's meeting including the recommendations of the Academic Council for the approval of Curriculum related issues and the academic activities undertaken by the Institution in the recent past with regard to the development of academia.

Prof. S.P. Thyagarajan emphasized the significance of the Institutional Development Plan (IDP) as directed by the University Grants Commission (UGC), highlighting its focus on futuristic activities that align with the evolving landscape of higher education. The IDP serves as a strategic framework for institutions to enhance their academic and operational capabilities, ensuring they remain relevant and competitive in a rapidly changing educational environment.

The UGC's IDP encourages institutions to anticipate future educational needs and challenges, promoting proactive measures that foster innovation and adaptability in teaching, research, and community engagement. This plan aims for comprehensive growth by integrating various dimensions such as academic excellence, research innovation, infrastructure development, and community involvement. By adopting a holistic approach, the IDP seeks to create an enriching environment for both students and faculty, thereby enhancing the overall.

 Prof. Rajat Gupta
Vice Chancellor

The UGC emphasizes creating digitally empowered campuses that leverage technology to enhance learning experiences, administrative efficiency, and overall campus life. This includes integrating digital tools for teaching and learning, thereby preparing students for a technology-driven world. Research and innovation are also central to the UGC's vision for higher education. Institutions are encouraged to establish robust research frameworks that promote interdisciplinary collaboration and innovation.

Prof. Thyagarajan's emphasis on the UGC's Institutional Development Plan underscores its role in guiding universities toward a future-oriented approach that prioritizes innovation, quality education, and societal impact. By focusing on these areas, institutions can enhance their academic standing while contributing meaningfully to national development goals.

RESOLVED, THAT the Minutes of the 47th Academic Council Meeting held on November 23, 2024 be approved and recorded.

61.8 To consider and approve the minutes of the 24th Internal Quality Assurance Cell Meeting held on November 27, 2024.

The 24th meeting of IQAC was held on November 27, 2024. The major discussion at the meeting focused on the following items.

- Quantitative metrics consolidated for the AQAR submission for the AY 2023-24.
- The academic initiatives related to NEP 2020 in the proposed R25 Regulations.
- The activities of the Office of R&D for the year 2024-25
- The status of NBA accreditation: 5 UG and 1 PG programme.
- The Awards, Rankings participated/ Received.

E. 24th IQAC Minutes



[Appendix-E Click here](#)

Prof. Rajat Gupta
Vice Chancellor

The Dean (Quality Assurance) provided a comprehensive explanation of the various initiatives undertaken to enhance the institution's quality, with a specific focus on achieving an advanced ranking status in the National Institutional Ranking Framework (NIRF). He discussed the importance of analyzing previous data in detail to understand performance trends over the years. This comparison was critical to identify areas of improvement and create a strong foundation for the institution's quality assurance strategy. By reviewing past performance, the institution could highlight its strengths and work on the areas that required attention, which ultimately contributes to improving its NIRF ranking.

A crucial part of this effort involved conducting a matrix-wise analysis, which allowed the institution to examine its performance across the multiple parameters set by NIRF.

The analysis provided a deeper understanding of the institution's standing in various domains such as teaching, learning, infrastructure, and research. This detailed evaluation helped in identifying specific areas where the institution could focus its resources and efforts to make meaningful improvements. Moreover, the Dean highlighted the importance of robust data preparation, ensuring that all data submitted for NIRF evaluation was accurate, comprehensive, and up-to-date.

The quality of data preparation plays a pivotal role in driving strategic decisions and ensuring that the institution's performance is presented transparently and effectively.

These combined efforts are designed to ensure that the institution's standing in the NIRF ranking improves significantly, while also contributing to the overall enhancement of academic and institutional quality, benefiting both the students and faculty.

Dr.R. Mangaleswaran inquired about the specialized programs offered by the MBA Department and sought clarification on the number of branches available within the MBA curriculum. He was particularly interested in understanding whether the department provided distinct MBA programs or whether there were multiple specializations to choose from. In response, the Dean (Quality Assurance) clarified that the MBA Department offers a single MBA program. However, the department provides various specializations within this program, which are taught through elective courses.

These electives allow students to enshrine their education according to their interests and career goals, covering a broad range of areas such as finance, marketing, human resources, operations, and other relevant fields. The flexibility in choosing electives ensures that students can gain expertise in specific areas while still pursuing the overarching MBA qualification.

RESOLVED, THAT the minutes of the 24th Internal Quality Assurance Cell Meeting held on November 27, 2024 be approved and recorded.

 **Prof. Rajat Gupta**
Vice Chancellor

61.9 To consider and approve the minutes of the 34th Finance Committee Meeting held on December 7, 2024.

The Finance Officer will explain in detail the important discussions held and decisions taken thereon at the 34th meeting of the Finance Committee held on December 7, 2024.

A copy of the Minutes of the 34th meeting of the Finance Committee held on December 7, 2024 is placed in Appendix-F. The Finance Officer will brief the significant decisions taken at the Finance Committee meeting.

F. 34th FCM



Appendix-F Click here

While presenting the minutes, the Finance Officer provided an overview of the current utilization of the funds that have been allocated for various purposes. He emphasized that certain funds remain underutilized, and he suggested that these underused funds could be re-appropriated to other account heads as necessary. This would ensure that the available resources are being utilized efficiently and effectively across the institution's various financial needs.

In response to the presentation, Prof. S.P. Thyagarajan raised an important query regarding the strategies employed for mobilizing funds and the measures taken to ensure the effective utilization of these funds. He pointed out that while the institution currently relies on funds allocated by the Trust, it would be prudent for the institution to explore additional avenues of funding. Specifically, he recommended that the institution should not depend solely on the Trust's contributions but should actively seek funds from other sources, such as donations from alumni, sponsorships, and partnerships with industry stakeholders.

Prof. Thyagarajan further suggested that the institution establish a Corpus Fund with a significant initial contribution, and then make regular annual contributions to this fund. The Corpus Fund would serve as a long-term financial resource, helping to support a wide range of activities and initiatives within the institution, and ensuring financial sustainability for years to come. This approach would provide greater financial autonomy and reduce reliance on external allocations, fostering a more resilient financial framework for the institution's growth and development.


Prof. Rajat Gupta
Vice Chancellor

Mr. Murali Vaidyanathan, the Industry Expert, inquired about the initiatives taken by the institution regarding the installation of solar energy panels and the amount of energy generated from these panels. In response, Prof. Dr. E. Kannan explained that a budget of Rs. 1.4 crores has been allocated for the non-conventional energy project to date. He provided an overview of the efforts made thus far to harness solar energy as part of the institution's sustainability initiatives.

Dr.R. Mangaleswaran further emphasized the need for the institution to develop and focus on a comprehensive set of plans aimed at increasing power generation through non-conventional energy sources. He highlighted that the institution should explore various strategies to expand and optimize its non-conventional energy initiatives, ensuring that these projects contribute significantly to the institution's long-term energy sustainability goals.

RESOLVED, THAT the minutes of the 34th Finance Committee Meeting held on December 7, 2024, be approved and recorded.

61.10 To consider and approve the Annual Quality Assurance Report (AQAR) for the Academic Year 2023-24 for submission to NAAC.

The Annual Quality Assurance Report (AQAR) has to be submitted annually to the NAAC through its portal. The AQAR helps to systematically review the institutional growth in all the seven criteria identified by NAAC after accreditation. The AQAR data for the Academic Year 2023-24 was collected from the Academic departments & Functional divisions. The Office of Quality Assurance has consolidated and reviewed the quantitative metrics with respect to the University benchmarking released by the NAAC. The Annual Quality Assurance Report (AQAR) was discussed during the 24th IQAC meeting, and the suggestions provided have been incorporated.

G. AQAR AY 23-24



Appendix-G Click here

After the Dean (Quality Assurance) presented the AQAR, Prof. B.S. Murty inquired about the Institution's practices regarding student feedback analysis regarding classroom teaching by faculty members. In response, the Dean (Quality Assurance) explained that the Institution has well-established mechanisms for both student and faculty feedback systems, which evaluate and enhance teaching effectiveness and academic delivery.


Prof. Rajat Gupta
Vice Chancellor

With regard to the SEED fund, Prof. S.P. Thyagarajan sought a detailed explanation of the procedure used for benchmarking the grant of SEED funds, the extent of its usefulness to the awardees, and the monitoring framework employed to assess the outcomes. In response, Prof. Murty emphasized the importance of ensuring that the SEED fund is strategically utilized to achieve significant outputs such as high-quality publications and patents, thereby contributing to the academic and research excellence of the Institution.

RESOLVED, THAT the Annual Quality Assurance Report (AQAR) for the Academic Year 2023-24 for submission to NAAC be approved.

C. Items for Presentation of Activities of Industry Relations

- 61.11 To discuss the activities of the Office of Industry Relations during the Academic Year 2023-24 and its proposed activities for the Academic Year 2024-25.

The Dean (Industry Relations) delivered a detailed presentation on the current initiatives and future plans of the Office of Industry Relations, covering various key aspects comprehensively.

H. DIND



Appendix-H Click here

Prof. B. S. Murty highlighted that premier institutions like MITs and IITs have structured their curriculum such that all core credits are completed by the sixth semester. This enables students to participate in semester-long industrial programs, providing them with valuable exposure and opportunities for direct placements in those industries. This approach is designed to ensure that students are industry-ready upon graduating from the institute.

Mr. Murali Vaidyanathan commended the initiative, highlighting its potential to enable companies to identify and recruit suitable candidates during the internship period, thereby ensuring a seamless transition into the workforce. He further proposed encouraging Ph.D. scholars engaged in industry-oriented research and providing faculty members with training in collaborative research methodologies to foster stronger industry-academia partnerships.

Dr.R. Mangaleswaran emphasized the importance of focusing on infrastructure development in research centers with the support of funding agencies, which would further enhance the institution's research capabilities.

Prof. Rajat Gupta
Vice Chancellor

Additionally, Mr. Murali Vaidyanathan suggested that the institution make concerted efforts to improve its NIRF ranking and aim to secure a position within the top 50.

Dr.R. Mangaleswaran proposed renaming the "Industrial Relations" department to "Industrial Collaborations" to better reflect its objectives. Building on this, Mr. Murali Vaidyanathan recommended actively pursuing collaborative engagements with industries to strengthen ties and foster mutual growth.

RESOLVED, THAT the report on activities of the office of the Industry Relations presented by the Dean (Industry Relations) be recorded.

D. Items for Ratification

- 61.12 To ratify and record the action taken with regard to the reconstitution of the Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology Trust.**

It is submitted that the Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology trust has been reconstituted with the following members.

S.No.	Trust Member	Period	
		Since	Till
1	ESKANDHAA KISHORE KUMAR VEL	28.08.2024	28.08.2044
2	KARTHIHA KISHORE KUMAR VEL	28.08.2024	28.08.2044

It is submitted for consideration and ratification of the action taken by the Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology Trust with regard to the reconstitution of the Trust with the new members.

RESOLVED, THAT the action taken with regard to the reconstitution of the Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology Trust be ratified.

- 61.13 To ratify the recommendations of the Faculty Selection Committee since the last EC meeting held on September 21, 2024.**

Prof. Dr. E. Kannan will brief the recommendations of the Faculty Selection Committee to appoint the new faculty members in the existing vacancies and as per the norms of the Faculty Staff Ratio (FSR) in existence for different programmes offered by this Institution (i.e. 1:15 for Engineering programmes, 1:25 for Arts and Science program) since the last EC meeting held on September 21, 2024 as in the Appendix-I. A copy of the recommendations of the FSC is placed below at Appendix-I.


Prof. Rajat Gupta
Vice Chancellor

I. Faculty Selection Committee



Appendix-I Click here

Dr.R. Mangaleswaran emphasized that any faculty vacancies should be duly advertised, and the applications meticulously scrutinized in accordance with the guidelines established by the Selection Committee. He further recommended that the committee's proceedings, along with the names of the most competent candidates, be submitted to the Executive Council for consideration.

Prof.B.S. Murty noted the absence of new faculty members from IITs and NITs. In reply, Prof. Dr. E. Kannan clarified that the institution considers the prior teaching experience of candidates when recruiting. He also highlighted that faculty members currently serving at IITs and NITs typically do not seek positions in private institutions.

RESOLVED, THAT the names of faculty members appointed on the recommendations of the Faculty Selection Committee since the last EC meeting held on September 21, 2024, be approved.

61.14 To ratify the relaying of the damaged road connecting the Institution with the nearby main and arterial roads.

Prof. Dr. E. Kannan detailed the action taken with regard to the relaying of the road connecting the Institution (Avadi-Alamathi Road) to the Main Road (Avadi-Veerapuram Road) has deteriorated significantly due to heavy traffic, seasonal rainfall, and waterlogging. This vital road serves as a link to various institutions, companies, hospitals, a government school, a bank, and local villages, making it crucial for public welfare and connectivity in the rural outskirts.

The Institution has previously made numerous representations to the authorities concerned, highlighting the poor condition of the road and requesting urgent action for its relaying. The Rural Development and Panchayat Raj (RDPR) Department of the Government of Tamil Nadu acknowledged the issue and initiated steps to address this long-pending demand.

Following several survey inspections, the District Rural Development Agency (DRDA) submitted a proposal to the RDPR Directorate, with an estimated project cost of Rs.4,21,67,000/- under the "Namakku Naame Thittam" scheme. As per the scheme's framework, Rs.2,81,11,333/- is to be contributed by the Government of Tamil Nadu, while the remaining Rs.1,40,55,667/- is to be shared by local residents, institutions, and companies in the area.

Prof. Rajat Gupta
Vice Chancellor

The Institution was willing to bear the entire local contribution of Rs.1,40,55,667/- and has remitted this amount to the designated account under the District Collector/Chairman, DRDA Tiruvallur.

A representation has also been submitted to the RDPR Department requesting the swift implementation of the project, considering the current poor condition of the road and the anticipated heavy rainfall in the coming weeks. It is hoped that necessary steps will be taken to finalize the contract tenders and expedite the project.

It is brought our notice that action has been by the DRDA, Government of Tamil Nadu in this regard. The Tender Notification was published in the dailies to call for open tenders for accomplishment of this project by stipulating 27.12.2024 as the last date for the receipt of Tenders. Hopefully the Institution is expecting that the project will be undertaken and completed shortly before the end of this financial year.

It is submitted for consideration and ratification of the Executive council for the action taken in the process of relaying the Road in anticipation of the approval by the EC.

Prof. B.S. Murty and Dr. R. Mangaleswaran lauded the visionary leadership and proactive efforts of the Registrar with the support of the Management in championing initiatives that holistically address the welfare and aspirations of not only the faculty and students of this esteemed Institution but also the neighboring community. They highlighted that such exemplary societal welfare measures reflect a deep sense of responsibility and commitment to fostering inclusivity and sustainable development. Recognizing the transformative impact of these initiatives, they emphasized that endeavours of this nature not only elevate the Institution's reputation but also set a benchmark for community-centric educational practices. Such noble efforts undoubtedly deserve resounding appreciation and serve as an inspiring model for others to emulate.

RESOLVED, THAT to place on record the profound appreciation for the commendable initiatives undertaken by the authorities in refurbishing the road, reflecting their unwavering commitment to serving the larger interests of the local community.

E. Items for Reporting

- 61.15 To report and record the report on the selection process of the new Vice Chancellor of this Institution.**

Prof. Dr. E. Kannan detailed the Report on the selection of the new Vice Chancellor of this University highlighting procedure adopted by the SCSC in the selection of the Vice Chancellor as detailed below:

In accordance with the UGC (Institutions Deemed to be Universities) Regulations, 2023, the Search Cum Selection Committee (SCSC) was constituted with the following members:


Prof. Rajat Gupta
Vice Chancellor

1. Prof.S.P. Thyagarajan, Chairperson
Distinguished Professor & ,
Advisor to Chancellor
Vellore Institute of Technology
Chennai.

2. Prof. B.S. Murty, Nominee of the Executive Council
Director ,
Indian Institute of Technology
Hyderabad.

3. Prof. Rajeshwar Singh Chandel, Nominee of the UGC
Vice Chancellor,
Dr. Y.S. Parmar University of
Horticulture and Forestry Nauni,
Solani 173 230 Himachal Pradesh.

The SCSC Committee conducted Meetings on 13.08.2024, 25.08.2024, and 29.09.2024, for the selection of a new Vice-Chancellor. The Excerpt from the Minutes of the Meetings are given below:

“At the first meeting of the SCSC held on 13.08.2024, the Committee unanimously decided to proceed with the process of scrutiny of 90 applications received on the last of applications as prescribed in the advertisement, based on the following guidelines:

The Committee decided that the applications might be considered based on the following

- 1. A Ph.D. is essential for all the candidates (Essential).*
- 2. The maximum age limit is 70 years for holding the position of Vice Chancellor as per the UGC Regulations.*
- 3. The candidate shall be a Professor with 10 years of experience. (Essential).*
- 4. Administrative and Research experiences shall be considered and taken into consideration.*
- 5. The two late applications received after the deadline be rejected.*

At the Second Meeting held on 25.08.2024, the Search cum Selection Committee evaluated the Curriculum Vitae of all the 9 short-listed candidates. The criteria for evaluation were:

- i. Academic Strengths*
- ii. Research Expertise, output, and R&D productivity.*

- iii. *Administrative strengths/experience.*
- iv. *National & International expertise in Expert Committees/ proven Collaboration and*
- v. *Awards and Recognitions of repute.*

At the Third meeting, held on 29.09.2024, the following six candidates attended an Interaction session on “(i) SWOC analysis of candidate and (ii) Vision for the future of Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology (Deemed to be University), policy development and strategy deployment,” followed by the interaction of the Search Committee. The total time provided to each candidate was 25 minutes (10 minutes for presentation and 15 minutes for interaction).

Based on their (i) Research Expertise, output, and R&D productivity, (iii) Administrative strengths/experience, (iv) National & International expertise in Expert Committees / proven Collaboration, and (v) Awards and Recognition of repute and their interaction, the Search Cum Selection Committee (SCSC) submitted a panel of three names to the Chancellor of the Institution to select one among them for the appointment of new Vice-Chancellor to this Institution” .

The three-member panel was submitted to the Chancellor for his assent. The Chancellor has selected the following candidate as the Vice Chancellor of this Institution for a tenure of Five years:

***Prof. Dr. Rajat Gupta,
Former Professor (HAG),
Dept. of Mechanical Engineering
National Institute of Technology Silchar
Silchar, Assam Pin-788010.***

Prof. Dr. Rajat Gupta assumed the office of the Vice Chancellor on 4th October 2024 following the assent of the Chancellor.

All the External Members extended their hearty congratulations to the newly appointed Vice Chancellor and the Chairperson of the Executive Council on assuming office from 4th November 2024. They conveyed their best wishes for a successful and impactful tenure, expressing confidence in his ability to lead the Institution to greater heights. The members emphasized their hope for significant academic and administrative achievements under his stewardship, fostering innovation, excellence, and holistic development.

RESOLVED, THAT the report on the selection of the new Vice Chancellor by the Search Cum Selection Committee be approved and recorded.


Prof. Rajat Gupta
Vice Chancellor

- 61.16 To report and record the status of Inspection of National Board of Accreditation during 20th to 22nd of December 2024 in connection with the accreditation of NBA status to the B.Tech. Biotechnology and MBA Programmes.

The National Board of Accreditation (NBA) Expert Team has visited the institution for evaluating the UG - Biotechnology and PG - Master of Business Administration programmes from 20th to 22nd December 2024. The details of the Chairperson and Program Evaluators are given below:

1. Chairperson

*Dr. Mukul Sharad Sutaone,
Director,
Indian Institute of Information Technology
Allahabad .*

2. UG – Biotechnology

*Prof. Debabrata Das,
Former Professor,
& Head, Dept of Biotechnology
Indian Institute of Technology
Kharagpur .*

*Prof. Rajesh Kumar Dubey,
Director,
UGC-HRDC, JNV University
Jodhpur .*

3. PG - Master of Business Administration

*Prof. Javaid Akhter,
Professor,
Dept. of Business Administration
Aligarh Muslim University .*

*Prof. Sanjeev Kumar Sharma,
Director,
Internal Quality Assurance
University Institute of
Applied Management Sciences,
(UIAMS), Punjab University .*


Prof. Rajat Gupta
Vice Chancellor
Vel Tech
Rangarajan Dr. Saguithala R&D Institute of Science and Technology
Approved by the Council on 28.12.2024

J. NBA Status



Appendix-J Click here

RESOLVED, THAT the status report submitted by the Dean (Quality Assurance) on the NBA inspection to the Institution be recorded.

- 61.17 To report and record the proceedings of the 14th Convocation held on September 28 & 29, 2024.

Prof. Dr. E. Kannan presented the proceeding of the 14th convocation which was held over two days, maintaining the institution's tradition of conducting the ceremony in multiple sessions to accommodate dignitaries, a large number of graduands from various disciplines, and their families. During the two days of the convocation ceremony, 2279 Graduands were awarded Degrees inclusive of 18 school toppers. The medals, awards, and certificates were awarded to the meritorious graduands at the time of the convocation.

Day 1 – 28.09.2024, 2:30 PM

The first day of the convocation began with a formal academic procession. The Vice-Chancellor welcomed the gathering, outlining the institution's significant achievements over the past year. He highlighted advancements in research, infrastructure development, and the institution's improved rankings, as recognized by reputed agencies such as NIRF and Times India.

The special convocation address was delivered by Dr. (Mrs.) N. Kalaiselvi, Director General, CSIR, and Secretary, CSIR, New Delhi. She focused on the evolving global landscape of research and innovation, stressing the importance of new ideas. She highlighted the pivotal role of research and development in shaping India's future, particularly under the Vikshit Bharat mission. Dr. Kalaiselvi also emphasized the need for green energy solutions and encouraged students to explore emerging technologies, such as high-altitude pseudo satellites, for advanced career opportunities. The Honorary Doctorate was conferred on her for Science and Advanced Space Technology during the first day of the convocation ceremony.


Prof. Rajar Gupta
Vice Chancellor

Following her address, degrees were awarded to students from selected faculties. Mr. Rajesh Mittal, President and Managing Director, ISRO Motors Ltd., Chennai, one of the Guests of Honour, shared valuable insights on the transition from academia to the corporate world. He underscored the importance of ethical values for success in professional life, drawing attention to the work ethics of Japan, particularly honesty, humility, and the importance of authentic reporting.

Another Guest of Honour, Mr. Murali Vaidyanathan, President, of Wheels India Ltd., Chennai, spoke on leadership and professional responsibility. He encouraged students to remain focused on their goals while adapting to modern professional environments. The first day's proceedings concluded with the National Anthem.

Day 2 – 29.09.2024, 10:30 AM

The second day of the convocation focused on honoring individuals who have made significant contributions to their fields. Honorary doctorates were conferred upon two eminent personalities for their outstanding contributions to science, technology, and medicine:

1. Dr. Rajarajan, Distinguished Scientist and Director of Satish Dhawan Space Centre (SDSC) SHAR, ISRO, Sriharikota.

2. Dr. Babuji Cherikuri, Anaesthesiologist, Apollo Hospital, Chennai.

In his convocation address, Dr. Rajarajan spoke about the future of society amidst rapid advancements in science and technology. He stressed the importance of adapting to these changes and fostering a collaborative mindset for societal progress.

Dr. Babuji Cherikuri, in his address, reflected on how both success and failure shape one's life. He provided insights on trust, belief, and well-being, offering health tips and advice on time management. His remarks also focused on career-building strategies, encouraging students to balance ambition with personal well-being. The Honorary doctorates were conferred on Dr. R. Rajarajan and Dr. Babuji Cherukuri for eminence in their respective areas of specialization.

The second day's proceedings concluded with the National Anthem, bringing the two-day convocation ceremony to a successful close.

RESOLVED, THAT the proceedings of the proceedings of the 14th Convocation held on September 28 & 29, 2024 be recorded.

- 61.18 To report and record the status of the International & National rankings, and awards received since the last EC meeting held on September 21, 2024.


Prof. Rajat Gupta
Vice Chancellor

International Rankings Received

- *Times Higher Education (THE) Interdisciplinary Science Rankings 2025.*
 - i. *Band 501-600*
- *QS Asian University rankings*
 - i. *Asia – Band 801 - 850*
 - ii. *Southern Asia – Ranked 263rd*

National Awards Received

- *Institution of Engineers (India)*
 - i. *Engineering Education Excellence Award 2024 [GOLD] in the Category of Best Engineering Institution and Colleges.*

National Rankings Participation

- *Times Higher Education (THE) Impact Rankings 2025*
 - i. *Submitted for SDG6, SDG9, SDG12, SDG17 and Overall*

National Rankings Participation

- *National Institutional Ranking Framework (NIRF) 2025*
 - i. *Registered and Data uploading is in progress for Engineering, Research, University, Overall, Innovation and SDG institutions categories.*

K. AQAR AY 23-24



Appendix-K Click here

RESOLVED, THAT the status report of the International & National rankings, and awards received since the last EC meeting held on September 21, 2024, be approved.


Prof. Rajat Gupta
Vice Chancellor

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

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

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

Table 2: Letters Received / Submitted from / sent to MHRD /UGC/AICTE/BCI

S.No.	From / To	Ref.No. and Date of receipt	Subject	Action taken
1.	Commissioner of Technical Education, DTE, Govt. of Tamil Nadu	29850/H3/2024 dated 23.09.2024	The Commissioner sought the course of action taken by the Institution for setting RT-DAS at Vel Tech Campus.	Reply sent to the DTE with a copy of the MoU signed between the Registrar, VTU and the Chief Engineer, Water Resources Department of Govt. of Tamil Nadu on 14.10.24 in connection with this Project.
2.	The Forest Range Officer Enforcement Kavarpattai Range Tiruvallur District	No. VT/R/L/Range officer /24-25/061 Dated 05.11.2024	The Institution requested the Forest Department for the supply of saplings of trees to our Institution as part of our Green Initiative	The saplings were received and planted in the designated areas.
3.	UGC	Email dated 13.11.2024	The UGC requested to forward the details of student Grievances Committees functioning in this Institution	The details were sent to the UGC on 14.11.2024 in the prescribed format provided by the UGC on 14.11.2024.
4.	District Collector, Tiruvallur District, Tiruvallur	950/A2/DHEW/2024 dated 21.11.2024	The Collector sought the details of the members of the Internal Complaints Committee constituted as per the directive of the UGC	The information was sent to the Collector on 28.11.2024.

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

F. Concluding

61.20 Any other item with the permission of the Chairperson.

The Chairperson and the Vice Chancellor proposed the name of Prof. R. Sivaraman, Controller of Examinations for the position of Pro - Vice Chancellor (Administration) of this Institution to discharge the specified responsibilities as provided


Prof. Rajat Gupta
Vice Chancellor

in the MoA in line with the University Grants Commission (Institutions deemed to be Universities) Regulations 2023.

It is placed before the Executive Council as a Table item for discussion, consideration, and necessary action.

Prof.B.S. Murty sought clarification on the purpose of appointment of the Pro Vice Chancellor.

The Chairperson emphasized the need to entrust key responsibilities, such as construction & management, and purchase activities, to a designated officer, preferably at the Pro Vice Chancellor level, to ensure administrative convenience and operational efficiency.

The Chairperson informed that the Proceedings related to the appointment of Prof. Dr. R. Sivaraman as the Pro - Vice Chancellor (Administration) would be placed before the ensuing meeting of the Executive Council for ratification.

RESOLVED, THAT the Chairperson and the Vice Chancellor be authorized to proceed with the appointment of Prof. Dr. R. Sivaraman as Pro - Vice Chancellor (Administration) subject to the ratification by the Executive Council.

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

It has been decided to conduct the next meeting of the Executive Council in the March of 2025.

Vote of Thanks.

Prof. Dr. E. Kannan expressed his sincere gratitude to all the members present, with a special acknowledgement of the external members who joined the meeting. He emphasized that their valuable suggestions and inputs would be carefully considered. He also thanked the special invites, Asst. Registrars, administrative officers, staff, Public Relation Officer and videographer whose dedicated cooperation ensured the smooth and successful conduct of the meeting. With the Vote of thanks, the meeting has come to a close.


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



Vel Tech

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



Date: 18.12.2024

Ref. No. VT/R/MN-EC/24-25/08-1

To

The Members of the Executive Council
Vel Tech

Sir/Madam,

Sub: 61st Meeting of the Executive Council to be held on 28.12.2024 –
Invitation – Reg

I am, by direction, to inform that the Vice Chancellor is pleased to convene the 61st Meeting of the Executive Council on 28.12.2024 (SATURDAY).

The Council Meeting will be conducted at the International Conference Hall of this Institution and it will commence at 3.00 p.m.

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

The meeting agenda will be sent to the members in due course.

Thanking you,

Yours sincerely,

REGISTRAR

Prof. Dr. E. Kannan
Registrar

Encl: Agenda of the 61st EC Meeting.

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



**AGENDA & MINUTES OF THE 60th MEETING OF
EXECUTIVE COUNCIL
on 21.09.2024 AT 10.30 a.m.
Venue : International Conference Hall**



A. OPENING	
60.1	<i>To record the notice convening the 60th Meeting of the Executive Council scheduled on September 21, 2024.</i>
60.2	<i>To record the welcoming of the newly appointed External members for the Executive Council, constituted in accordance with the UGC (Deemed to be Universities) Regulations, 2023.</i>
60.3	<i>To inform the board about the leave of absence of the members.</i>
60.4	<i>To report and record the minutes of the 59th meeting of the Board of Management held on June 29, 2024.</i>
60.5	<i>To inform the board about the actions taken based on the minutes of the 59th meeting of the Board of Management held on June 29, 2024.</i>
60.6	<i>To approve and record the agenda for the 60th meeting of the Executive Council scheduled on September 21, 2024.</i>
B. ITEMS FOR CONSIDERATION AND APPROVAL	
60.7	<i>To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on June 29, 2024.</i>
60.8	<i>To consider and approve the minutes of the 46th meeting of the Academic Council held on August 24, 2024.</i>
60.9	<i>To consider and approve the minutes of the 33rd meeting of the Finance Committee held on August 02, 2024.</i>
60.10	<i>To consider and approve the list of Graduands, Rank Holders and Medalists to be honored in the ensuing 14th Convocation on 28th & 29th September 2024.</i>
60.11	<i>To consider and approve the minutes of the 23rd meeting of the Internal Quality Assurance Cell held on July 13, 2024.</i>

C. Items for Discussions and Decisions	
60.12	<i>To discuss and approve the proposal for the conduct of the 14th convocation of this institution on 28th & 29th September 2024.</i>
D. Items for Ratification	
60.13	<i>To ratify the recommendations of the Faculty Selection Committee since the last meeting of the BoM held on June 29, 2024.</i>
E. Items for Reporting	
60.14	<i>To report and record the latest Rankings awarded to the Institution by the reputed International / National agencies.</i>
60.15	<i>To report and record the status of the Admissions to different UG/PG programmes of the Academic Year 2024-2025.</i>
60.16	<i>To report and record the letters received from MHRD/ UGC/ AICTE/ BCI / DBT / Government of Tamil Nadu etc., and action taken thereof.</i>
F. Concluding	
60.17	<i>Any other item with the permission of the Chairperson.</i>
60.18	<i>To consider and approve the date for holding the next EC meeting during the month of December 2024.</i>
VOTE OF THANKS	

MEMBERS

1. Prof.S.Salivahanan,
Vice Chancellor,
Vel Tech. Chairperson

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

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

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

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

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

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

8. Mrs. Rangarajan Mahalakshmi Kishore,
Chairperson and Managing Trustee.
Vel Tech. Nominee (Sponsoring body)

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

MINUTES

A. Opening

The Chairperson extended a warm welcome to all the members, especially the external members, for attending the Executive Council meeting. He highlighted several academic activities and events that had taken place since the last meeting and expressed pride in announcing to the esteemed council that Veltech achieved the prestigious NIRF Ranking 2024, where it was placed 86th in the Engineering category, with an overall band ranking between 151-200 out of 2,781 institutions that participated. Under the innovation band, the institution was ranked in the band of 11-50 out of 808 institutions

He also pointed out the institution's successful outcome in the DQ-CMR T-School Employability Index Survey, which categorized and ranked it at the 74th position among the top 100 schools. Furthermore, he noted the progress in the number of publications, patents, and citations since the last management meeting.

The Chairman mentioned that the name of the management body had been changed from the Board of Management to the Executive Council following the approval of the MoA by the UGC. He requested that the action taken to rename the management body to the Executive Council, under the UGC (Institutions Deemed to be Universities) Regulations, 2023, in anticipation of the Executive Council's approval, be ratified.

The Chairperson informed the council that the Executive Council was missing certain esteemed external members due to the revised UGC (Institutions Deemed to be Universities) Regulations, 2023, which did not include a Chancellor's nominee category, as had been the case with the previous Board of Management, to continue accommodating these external members. In recognition of the valuable contributions these members had made over the years, he proposed that the council formally express appreciation and gratitude to them by recording a resolution and honouring them. The members mentioned were Prof. H.S. Shan, Professor Emeritus, IIT Roorkee; Prof. Jagadeesh Kumar, Professor Emeritus, IIT Madras; and Dr. Venkataraman, Director, IGCAR, Kalpakkam.

RESOLVED *to ratify the action taken in changing the name of the management body from the Board of Management to the Executive Council.*

FURTHER RESOLVED *to record the thankfulness and gratitude of the members of the Executive Council for the outstanding contributions of Dr.H.S.Shan, Dr.V.Jagadeesh Kumar, and Dr.B.Venkatraman as members of the BoM over the years.*

60.1 To record the notice convening the 60th Meeting of the Executive Council scheduled on September 21, 2024.

The meeting notice to all the members was sent sufficiently in advance and a copy of the meeting notice is placed below in Appendix A.

[Appendix-A Click here](#)



RESOLVED to record the the notice convening the 60th Meeting of the Executive Council scheduled on September 21, 2024.

60.2 To record the welcoming of the newly appointed External members for the Executive Council, constituted in accordance with the UGC (Deemed to be Universities) Regulations, 2023.

At the outset, the Chairperson expressed happiness in informing the esteemed body that the University Grants Commission (UGC) had nominated Prof. R. Mangaleswaran as a member of their institution's Executive Council. The Chairperson noted that Prof. R. Mangaleswaran is a distinguished academic and researcher, currently serving as the Professor and Head of the Department of Social Work at Bharathidasan University in Tiruchirappalli, Tamil Nadu. With over two decades of experience in teaching and research, his expertise encompasses human resource management, advanced research methodology, and corporate social responsibility.

Throughout his 23-year academic career, Prof. R. Mangaleswaran has made substantial contributions by mentoring numerous students and scholars. He has successfully guided five Ph.D. scholars and 16 M.Phil. Students, with five additional Ph.D. candidates under his supervision. Furthermore, he has mentored over 121 postgraduate research projects, underscoring his dedication to nurturing future leaders in social work and research.

In addition to his academic roles, the Chairperson mentioned that Prof.R. Mangaleswaran has held key administrative positions, including serving as a Syndicate Member at Bharathidasan University and as a former Executive Council Member of Pondicherry University. The Chairperson hoped that his expertise would largely benefit the Executive Council as well as the Institution.

In acknowledgment of the Chairperson's welcome address, Prof. R. Mangaleswaran expressed his gratitude and happiness in serving as a member of the Executive Council of a prestigious institution, assuring his commitment to performing to the best of his abilities.

RESOLVED to formally record the welcoming note and express gratitude to Prof. Mangaleswaran for his joining the Executive Council.

60.3 To inform the board about the leave of absence of the members.

Mr. Murali Vaidynathan, External member has expressed his inability to attend the meeting due to his prior committent.

RESOLVED to record the absence of the external member to the Executive Council due to his prior commitments.

60.4 To report and record the minutes of the 59th meeting of the Board of Management held on June 29, 2024.

A copy of the draft minutes of the 59th meeting of the Board of Management held on June 29, 2024 was sent to all the members. The suggestions of the members were incorporated in the minutes and the corrected copy of the minutes is placed at the Appendix-B for approval.

B. 59th BoM Meeting Minutes



RESOLVED to approve and record the minutes of the 59th meeting of the Board of Management held on June 29, 2024.

60.5 To inform the board about the actions taken based on the minutes of the 59th meeting of the Board of Management held on June 29, 2024.

Table 1: Action Taken reports based on 59th meeting of the BoM.

Item No.	Subject	Decision	Action Taken
59.7	To consider and approve the constitution of the Search Cum Selection Committee to select the new Vice Chancellor for this Institution.	The BoM approved the constitution of the SCSC for the selection of a new Vice-Chancellor. Prof. Jagadeesh Kumar suggested that the nomenclature of the BoM be changed to Executive Council and the same be put up for ratification in the ensuing meeting.	The SCSC has started the process of selecting of new Vice Chancellor. The SCSC has conducted two meetings for scrutiny of applications, and short listing of the competent candidates to appear for the personal interaction.
59.8	To consider and approval for inclusion of UGC Nominee in the respective statutory committee.	The BoM approved the names suggested by the BoM for inclusion in the EC and FC.	New External members have accepted the offer.

Table 2: Action Taken reports based on 59th meeting of the BoM.

Item No.	Subject	Decision	Action Taken
59.11	To discuss the activities of the office of International Relations during the AY 2023-24 and its proposed activities for the AY 2024-25.	Prof. S. P. Thyagarajan suggested the need for improvisation of research collaborative activities to be taken at a large scale.	The suggestion of the External member has been taken into consideration.
59.12	To discuss the activities of the office of Industry Relations during the AY 2023-24 and its proposed activities for the AY 2024-25.	Prof. S.P. Thyagrajan suggested that there should be a distinct polity for Technology Transfer.	The suggestion of the External members is taken into consideration.
59.15	To report the status of Ph.D. Admissions for the Academic Year 2024-25.	Prof. B,S. Murthy suggested a proposal for the introduction of an integrated Ph.D. program that combined a Master’s degree and a Ph.D into a single continuous course of study.	The suggestion of the member has been taken into consideration and appropriate action.

Prof. R. Mangaleeswaran, External member inquired about norms the constitution of Search Cum Selection Committee. In response to his query, Prof. E. Kannan explained to him the composition of the SCSC with one member nominated by the Chancellor, the other member nominated from the Executive Council and the third one being the UGC Nominee. Prof. B,S. Murty explained the importance of Ph.D. Integrated programme and he assured to share the curriculum model and guidelines for consideration and adoption. .

RESOLVED to approve and record the Action Taken Report on various decisions taken at the BoM meeting held on June 29,2024.

60.6 To approve and record the agenda for the 60th meeting of the Executive Council scheduled on September 21, 2024.

The Agenda of the 60th meeting of the Executive Council scheduled on September 21, 2024 is given in the page no.1.

Prof. B.S. Murty raised a query regarding how the meeting could be referred to as the 60th meeting of the Executive Council as it was the First meeting with the name "Executive Council". In response, Prof. E. Kannan clarified that the sequential numbering of the management committee meetings remained at 60, regardless of the change in name from the Board of Management to the Executive Council. Prof. B.S. Murty then suggested verifying the accuracy of the numbering by checking with other Deemed to be universities to see if they followed a similar procedure.

RESOLVED to record the Agenda of the 60th meeting of the Executive Council scheduled on September 21, 2024. .

B. Items for Consideration and Approval

60.7 To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on June 29, 2024.

The Controller of Examinations presented the details of the Ph.D. candidates who have successfully defended themselves at the Viva-voce conducted since the last BoM meeting held on June 29,2024 along with the Result Analysis at the meeting.



C. Ph.D. viva-voce Results



RESOLVED to approve and record the the results of the Ph.D. viva-voce conducted since the last BoM meeting held on June 29, 2024.

60.8 To consider and approve the minutes of the 46th meeting of the Academic Council held on August 24, 2024.

A copy of the minutes of the 46th meeting of the Academic Council held on August 24, 2024 is placed at the Appendix-D.



D. 46th ACM Minutes



The Dean (Academics) briefed some important discussions on the minutes of Board of Studies in PG & UG Engineering and Technology programmes, implementation of National Educational Policy(NEP) 2020 from the Academic year 2025-26 Academic Calendar for the Post Graduate students of Arts and Management and the recommendations of the Academic Council thereon at the time of the meeting.

RESOLVED to approve and record the the minutes of the 46th meeting of the Academic Council held on August.

60.9 To consider and approve the minutes of the 33rd meeting of the Finance Committee held on August 02, 2024.

A copy of the Minutes of the 33rd meeting of the Finance Committee held on August 02, 2024 is placed in Appendix-E. The Finance Officer will brief the significant decisions taken at the Finance Committee meeting.



E. 33rd FCM



The Finance Officer briefed the important discussions and decisions taken at the meeting of the above Finance Committee and the decisions taken thereon for the approval of the Executive Council.

RESOLVED to approve and record the minutes of the 33rd meeting of the Finance Committee held on August 02, 2024.

60.10 To consider and approve the list of Graduands, Rank Holders and Medalists to be honored in the ensuing 14th Convocation on 28th & 29th September 2024.

The Controller of Examinations presented the details of Graduands from different degree programmes and the toppers of different UG and PG programmes at the 14th Convocation on 28th & 29th September 2024 in detail as in the Appendix-F.



F. Graduands, Rank Holders and Medalists



RESOLVED to approve and record list of Graduands, Rank Holders and Medalists to be honored in the ensuing 14th Convocation on 28th & 29th September 2024.

60.11 To consider and approve the minutes of the 23rd meeting of the Internal Quality Assurance Cell held on July 13, 2024.

The Dean (Quality Assurance) presented the minutes of the 23rd meeting of the Internal Quality Assurance Cell held on July 13, 2024 citing some important discussion held at the meeting including the Institution Curriculum Syllabus Feed back analysis, proposal for the best practice to be adopted in the perspective NAAC, proposed research and innovation, mobilization of Funds, launching E-content portal, Placement statistics, Promotions awarded to the faculty members under CAS etc. and decisions taken thereon at Appendix-G.

G. 23rd IQAC meeting minutes



RESOLVED to approve and record the Minutes of the and approve the minutes of the 23rd meeting of the Internal Quality Assurance Cell held on July 13, 2024..

C. Items for Discussions and Decisions

60.12 To discuss and approve the proposal for the conduct of the 14th convocation of this institution on 28th & 29th September 2024.

As per the practice followed by this Institution for the past few years, the annual Convocation is conducted for two consecutive days, due to a large number of graduands, parents and special invitees. Around 2213 graduands will be receiving the degree during this two-day Convocation.

The 14th Convocation of this institution is scheduled to be conducted on the 28th & 29th of September 2024. Dr. (Mrs.) N. Kalaiselvi, Director General, CSIR & Secretary DSIR Council of Scientific & Industrial Research, New Delhi will deliver the Convocation address as the Chief Guest. The Honoris Causa will be conferred on Dr. (Mrs.) N. Kalaiselvi for her outstanding contributions in science and Technology especially in the area of Electrochemical Power Systems.

Mr. Rajesh Mittal President and Managing Director, Isuzu Motors India Private Limited and Mr. Murali Vaidyanathan, President, Wheels India Ltd., Chennai will deliver the special Address on the first day of the Convocation. The rank holders, Gold Medallists along with the first batch of the graduands will be honoured on the first day of the Convocation.

Shri.A.Rajaraman, Distinguished Scientist & Director, Satish Dhawan Space Centre SHAR, ISRO will be the Chief Guest on the second day of the Convocation and he will be honoured with a Degree of Doctor of Science (Honoris Causa) for his remarkable contributions in Composite Technology for Space Programmes. He will deliver the Convocational address on that day. Dr. Bapuji Anaesthesiologist, Apollo Hospital, Chennai will also be honoured with a Degree of Doctor of Science (Honoris Causa) for outstanding contributions in the area of Medicine and Research and he will deliver the special address at the Convocation.

The proposal is placed before the Executive Council for its consideration and approval.



H. Citations



RESOLVED to approve the proposal enlightening the arrangements to be made for the conduct of 14th Convocation.

FURTHER RESOLVED to confer the Honorary Degree (Honoris Causa) to the following distinguished Scientists / Researcher for their outstanding contributions in the respective field of eminence:

- 1. Dr. (Mrs.)N. KALAISELVI** *for Scientific Research*
Director General, CSIR &
Secretary DSIR,
Council of Scientific and Industrial Research,
New Delhi.
- 2. Dr.A.RAJARAJAN** *for Space & Scientific Research*
Distinguished Scientist &
Director of Satish Dhawan Space Centre,
(SDSC) - SHAR, Indian Space Research Organisation
(ISRO) Sriharikota
- 3. Dr.BABUJI CHERUKURI** *for Medicine and Research*
Anaesthesiologist Anaesthesiology
Apollo Hospital, Chennai

D. Items for Ratification

- 60.13 To ratify the recommendations of the Faculty Selection Committee since the last meeting of the BoM held on June 29, 2024.**

Prof. E. Kannan presented the details of the the Faculty members appointed since the last meeting of the BoM held on June 29, 2024, which is given in Appendix-I.

Prof. E. Kannan stated that the faculty appointments were made accordance with the FSR Ratio of 1:15 for Engineering programmes and 1:25 for Arts and Science degree programme as stipulated by UGC/AICTE/BCI.

I. Faculty Selection Committee



The members discussed key issues regarding faculty recruitment and research encouragement. Prof. B.S. Murty emphasized that the institution should not employ faculty members without Ph.D. qualifications. he stated that many research scholars were graduating from prestigious institutions like IITs and NITs, and efforts should be made to attract them. Encouraging full-time research within the institution by offering competitive stipends might also be motivated.

Prof. Mangaleeswaran suggested that salary packages for Computer Science Engineering (CSE) faculty might need to be slightly higher than for other departments. Furthermore, existing non-Ph.D. faculty members should be motivated to complete their doctoral work promptly.

The Chairperson Managing trustee, nominee of the sponsoring body stated that the Institution would be able to achieve the target of filling up of 100 percent of faculty members with Ph.D. by the ensuing academic year as against 95% at present.

RESOLVED to ratify the recommendations of the Faculty Selection Committee since the last meeting of the BoM held on June 29, 2024.

E. Items for Reporting

- 60.14 To report and record the latest Rankings awarded to the Institution by the reputed International / National Ranking agencies.**

The Dean (Quality Assurance) in his presentation, enlightened the latest Ranking awarded to the Institution by the reputed International / National Institutions.

National Institutional Ranking Framework (NIRF)

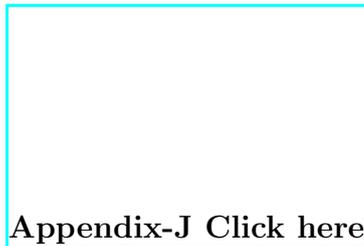
1. Overall - Band 151-200 Out of 2781 institutions Participated
2. Innovations - Band 11-50 Out of 808 institutions Participated

He has given a comparative statement of the Previous Ranking and explained how the Institution has progressed. In the aspects of Teaching, Learning & Resources (TLR) Ranking, Research and Professional Practice (RP) Ranking, Research and Professional Practice (RP) Ranking, Outreach and Inclusivity (OI) Ranking, Perception (PR) Ranking

Vel Tech has been ranked in “DQ-CMR T-School Employability Index Survey 2024” in the following categories:

1. Top 100 T-Schools (Factual Ranking) Employability Index: Rank 74
2. Top Private T-Schools (Factual Ranking): Rank 65
3. Top 100 T-Schools (Perceptual Ranking) Employability Index: Rank 83
4. Regional Top 50 Ranking (South - Perceptual Ranking): Rank 36

The various factors/parameters involved in the process of Ranking and progress achieved etc. are shown in the Appendix-J.



J. Ranking awarded



RESOLVED to record the latest Rankings awarded to the Institution by the reputed International / National Ranking agencies..

60.15 To report and record the status of the Admissions to different UG/PG programmes of the Academic Year 2024-2025.

Prof. E. Kannan presented the particular of student admission to different Under Graduate and Post Graduate programmes of this Institution during 2024-25 as detailed below:

STUDENT ADMITTED FOR THE ACADEMIC YEAR 2024-25

Table 3: UNDER GRADUATE - ENGINEERING PROGRAMMES

S.No.	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted count
1	AERONAUTICAL ENGINEERING	60	9	69	69
2	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60	9	69	69
3	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60	9	69	68
4	BIOMEDICAL ENGINEERING	60	9	69	50
5	BIOTECHNOLOGY	60	9	69	49
6	CIVIL ENGINEERING	30	5	35	13
7	COMPUTER SCIENCE & ENGINEERING	1320	198	1518	1516
8	COMPUTER SCIENCE AND DESIGN	60	9	69	69
9	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	60	9	69	67
10	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	60	9	69	69
11	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	60	9	69	68
12	ELECTRICAL AND ELECTRONICS ENGINEERING	60	9	69	46
13	ELECTRONICS & COMMUNICATION ENGINEERING	480	72	552	552
14	INFORMATION TECHNOLOGY	60	9	69	69
15	MECHANICAL ENGINEERING	60	9	69	49
TOTAL		2550	383	2933	2823

Table 4: POST GRADUATE - PROGRAMMES

S.No.	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted count
1	AERONAUTICAL ENGINEERING (UNMANNED AERIAL VEHICLE)	12	-	12	3
2	BIG DATA ANALYTICS	12	-	12	3

S.No.	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted count
3	BIOTECHNOLOGY	12	-	12	5
4	COMPUTER SCIENCE AND ENGINEERING	12	-	12	12
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	12	-	12	4
6	ENVIRONMENTAL ENGINEERING	18	-	18	3
7	INDUSTRIAL SAFETY AND ENGINEERING	36	5	41	37
8	INFORMATION AND CYBER SECURITY	12	-	12	3
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18	-	18	18
10	POWER ELECTRONICS	12	-	12	4
11	STRUCTURAL ENGINEERING	18	-	18	15
12	MASTER OF BUSINESS ADMINISTRATION	120	18	138	138
TOTAL		294	23	317	245

Table 5: UNDER GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No.	Programme	Approved Intake	Total Admitted Count
1	B.Com.	420	420
2	B.B.A	69	69
3	B.SC VISUAL COMMUNICATION	30	24
4	B.SC MULTIMEDIA	30	30
5	B.A. L.L.B (Hons.)	120	120
6	B.Com. L.L.B (Hons.)	120	120
TOTAL		789	783

Table 6: POST GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No.	Programme	Approved Intake	Total Admitted Count
1	M.A., English	30	8
2	M.Sc., Mathematics	30	7
3	M.Sc., Physics	30	5
4	M.Sc., Chemistry	30	27
5	M.Sc., Data Analytics	30	30
TOTAL		150	77

RESOLVED to approve and record the admissions made to different Under Graduate and Post Graduate programmes for the academic year 2024-25. .

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

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

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

S.No.	From / To	Ref.No. and Date of receipt	Subject	Action taken
1.	AIU Youth Affairs Website	Calendar in the AIU portal	Notification in the portal recognizing Vel Tech to conduct the South Zone AIU Chess (Men) Tournament from 04.12.2024 to 07.12.2024 at Vel Tech Campus.	Letter was sent to the Joint Secretary, AIU Youth Affairs conveying thankfulness for the grant of permission
2.	Collectorate of Tiruvallur Govt. of Tamil Nadu	Urgent Message from the Collectorate of Tiruvallur District	The Registrar of Universities / Principals of colleges were requested to attend the Video conferencing meeting chaired by the Chief Secretary of TN to sensitize the importance of safety against sexual harassment in the Educational Institutions at the District Collectorates of different districts.	1. Vel Tech participated in the meeting held at the Collectorate of Tiruvallur District. 2. The Internal Complaint Cell (ICC) has been taking good care of the Women staff and students and conducting awareness programmes every on and off. 3. The Institution will also follow the SoP and guidelines of Govt. of Tamil Nadu, which is reported to be communicated to all the higher education Institutions
3.	UGC	F6-10/2005 (CPP-I/DU) dated April 1,2024.	Submission of Registered MoA and a copy of the FD worth of Rs. 25 crores towards Corpus Fund as per the directive of the UGC.	Registered MoA and the other relevant documents have been sent to the UGC for further action.

RESOLVED to record the letter received from MHRD / UGC / BCI / Govt. of Tamil Nadu etc. and actions taken thereon.

F. Concluding

60.17 Any other item with the permission of the Chairperson.

No items other than those included in the Agenda was taken up for discussion.

60.18 To consider and approve the date for holding the next EC meeting during the month of December 2024.

It has been decided to conduct the next meeting of the Executive Council in the third week of December and to inform the members well in advance.

Vote of Thanks.

Prof. E. Kannan expressed his sincere gratitude to all the members present, with a special acknowledgement of the external members who joined the meeting. He emphasized that their valuable suggestions and inputs would be carefully considered. He also thanked the special invites, Asst. Registrars, administrative officers, staff, Public Relation Officer and videographer whose dedicated cooperation ensured the smooth and successful conduct of the meeting. With the Vote of thanks, the meeting has come to a close.

Ph.D. Awarded List - EC - DECEMBER 2024 (Since last EC dated 21-Sep-2024)

S.No.	Reg.No	Name	Dept	Regulation	Mode of Study (PT/FT)	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ES CI/WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
1	18REEC1007	Kalaiarasi P	ECE	2016	FT	06.09.2024	23.09.2024	Dr. R.S. Valarmathi	<i>Human Emotion Recognition based on Facial Features using a Hybrid PSO-GA Optimized Convolutional Neural Network</i>	Dr. Michal Strzelecki Professor Department of Electronics Technical University of Lodz Institute of Electronics, Wolczanska, 211/215, 90-925 Lodz, Poland Contact Number: 48426312631 Email Id.: michal.strzelecki@p.lodz.pl	Dr. C. Sathish Kumar Professor Department of Electronics and Communication Engineering Sree Chitra Thirunal College of Engineering Pappanamcode, Thiruvananthapuram Contact Number: 9447637773 Email Id.: kumarcsathish@gmail.com	4	-	-	4	-	<ol style="list-style-type: none"> 1. Kalaiarasi P., and Esther Rani P., (2019), "Review on Neural Networks for Face Recognition", International Journal of Scientific & Technology Research, Vol 8, issue 10, pp: 2995-3003. 2. Kalaiarasi P., and Esther Rani P., (2022), "Facial Emotion Recognition using Hybrid PSO and GA Optimized Convolutional Neural Network", Journal of Theoretical and Applied Information Technology, Vol 100, issue 22, pp: 6607-6620. 3. Kalaiarasi P., and Esther Rani P., (2023), "A Novel Approach for Optimization of Convolutional Neural Network with Particle Swarm Optimization and Genetic Algorithm for Face Recognition", International Journal on Recent and Innovation Trends in Computing and Communication, Vol 11, issue 4s, pp: 215. 4. Kalaiarasi P., and Esther Rani P., (2021), "A Comparative Analysis of AlexNet and GoogleNet with a Simple DCNN for Face Recognition", Advances in Smart System Technologies. Advances in Intelligent Systems and Computing, Vol 1163, pp: 655-668.
2	20REBT1001	Maheswari V	BIOTECH	2016	FT	02.09.2024	23.09.2024	Dr. Azhagu Saravana Babu P	<i>Evaluation of Bioactive Compounds from Marine Brown Algal Species as a Potential Therapeutic and Nutraceutical Agent</i>	Dr. M.J. Taherzadeh Professor Swedish Centre for Resource Recovery University of Boras, Allegatan 1, 503 32 Boras, Sweden Contact Number: 46707171032 Email Id.: mohammad.taherzadeh@hb.se	Dr. Binod Parameswaran, Professor, Department of Microbial Processes and Technology Division, CSIR-NIIST, Industrial Estate P.O., Pappanamcode, Thiruvananthapuram, Kerala Contact Number: 9447014980 Email Id.: binodkannur@niist.res.in	1	3	-	4	-	<ol style="list-style-type: none"> 1. Maheswari, V. and Azhagu saravana babu, P. (2022). 'Phlorotannin and its Derivatives, a Potential Antiviral Molecule from Brown Seaweeds, an Overview', Russian journal of marine biology, Vol. 48, No. 5, pp. https://doi.org/10.1134/S1063074022050169 [IF - 0.6] 309-324. 2. Maheswari, V. and Azhagu saravana babu, P. (2022). 'Comprehensive Reviews on Phenolic compounds from Phaeophyceae as Potential Therapeutic Agent', J App Biol Biotech, Vol. 10, No. 5, pp. https://doi.org/10.7324/JABB.2022.100502 [IF- 1.06] 14-21. 3. Maheswari, V. and Azhagu saravana babu, P. (2023). 'Effective Isolation of Brown Seaweed Flavonoids with Their Potential to Inhibit Free Radicals and Proliferative Cells', J Inorg Organomet Polym, Vol. 33, pp. 3794-3804. https://doi.org/10.1007/s10904-023-02738-1 [IF - 4] 4. Maheswari, V. and Azhagu saravana babu, P. (2023). 'Exploration of Bioactive Compounds from Sargassum myricostum; A Novel Approach on Catalytic Inhibition against Free Radical Formation and Glucose Elevation', Top Catal. https://doi.org/10.1007/s11244-023-01831-6 [IF - 3.6].

S.No.	Reg.No	Name	Dept	Regulation	Mode of Study (PT/FT)	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
3	17RECS1031	MOHAMMED ZAHEER AHMED	CSE	2016	PT-E	06.09.2024	23.09.2024	Dr. J. Visumathi	<i>A Novel Framework for Medical Data Classification and Identification using Deep Learning Approach</i>	Dr. Hugo Pedro Proenca, Professor, Department of Computer Science and Engineering, Instituto de Telecomunicacoes Collaborations, University of Beira Interior, 6201-001 Covilha, Portugal	Dr. S. Ganapathy Associate Professor Department of Computer Science and Engineering Education NITTR, Bhopal, Shamlia Hills, Bhopal - 462 002 (M.P.) Contact Number: 9488869712 Email Id.: sganapathy@nittrbpl.ac.in	1	1	-	2	-	1. Ahmed, M.Z. and Mahesh, C., 2021. An Efficient Image Based Feature Extraction and Feature Selection Model for Medical Data Clustering Using Deep Neural Networks. Traitement du Signal, 38(4), pp. 1141-1148, SCIE & Scopus https://doi.org/10.18280/ts.380425 2. Ahmed, M.Z. and Mahesh, C., 2021. A Weight Based Labeled Classifier Using Machine Learning Technique for Classification of Medical Data. Revue d'Intelligence Artificielle, 35(1), pp. 39-46, Scopus https://doi.org/10.18280/ria.350104
4	19RECS1025	S. Balaji	CSE	2016	PT-E	6.9.2024	23.9.2024	Dr. G. Dhanabalan	Hybrid Machine Learning Algorithm for Intrusion Detection in Internet of Things	Dr. Jiankun Hu, Professor, Department of Information Technology, School of Engineering and Information Technology, The University of New South Wales, Australian Defence Force Academy, Australia	Dr. Prabu M Associate Professor Department of Computer Science and Engineering National Institute of Technology Calicut, Room No. 103C, CSE Building, Kozhikode 673601, Kerala	3	1	-	4	-	1. Balaji S, and Sankaranarayanan S. (2022), "Hybrid Deep-GAN Model for Intrusion Detection in IoT through Enhanced Whale Optimization", International Journal of Computing (Scopus Indexed), Vol 21(4), 456-467. 2. Balaji S, and Sankaranarayanan S. (2023), "Dynamic distributed generative adversarial network for intrusion detection system over internet of things", Wireless Networks-Springer (SCI indexed), Vol 29(5), 1949-1967. 3. Balaji S, and Sankaranarayanan S. (2022), "Hybrid Deep-GAN based intrusion detection model for IoT using Binary particle Swarm optimization", International Journal of Electrical and Electronics Research (Scopus Indexed), Vol 10(4), 948-953. 4. Balaji S, and Sankaranarayanan S. (2022), "Hybrid Distributed Deep-GAN Intrusion Detection System in IoT with Autoencoder", International Journal of Fuzzy System Applications (Scopus Indexed), Vol 11(4), 2022, 1-20.

S.No.	Reg.No	Name	Dept	Regulation	Mode of Study (PT/FT)	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ES CI/ WoS indexed Journals	Others	Total No. of Papers Published	Pate nts	List of Publications
5	19RHMA1007	M. Suba	Mathematics	2016	PT-E	6.9.2024	23.09.2024	Dr. Shanmuga Priya R	<i>Fuzzy Mathematical Models for Complex Medical Issues</i>	Dr. Maria Alessandra Ragusa Professor Department of Mathematics University of Catania, Viale A. Doria, 6 - Catania, Italy Contact Number: +393471874808 Email Id.: mariaalessandra.ragusa@unicat.it	Dr. Rajesh Kumar Pandey Associate Professor Department of Mathematical Sciences Indian Institute of Technology (BHU), Varanasi - 221 005. Contact Number: 9453897736 Email Id.: rkpandey.mat@iitbhu.ac.in	9	-	5	14	-	<p>1. M. Suba, Shanmugapriya R, Waleed M. Osman, and Tarek F. Ibrahim, Octagonal, Fuzzy DEMATEL Approach to Study the Risk Factors of Stomach Cancer, J. Computational Analysis and Applications, Vol. 32, No.1, 2024, pp. 125-135. (Scopus).</p> <p>2. Shanmugapriya R, Mary Jiny D, GenokadwinJacob, M.Suba, A Study on Risk of Covid-19 Infection in Complications of Diabetes Patients using BAMS, Eur. Chem. Bull. 2023, 12 (S3), pp. 6683– 6692.</p> <p>3. M. Suba, R. Shanmugapriya, K. Sakthivel and T. N. M. Malini Mai, Several Types of Functions of Intuitionistic fuzzy M-Open Sets in Intuitionistic Fuzzy Topological Spaces, International Journal of Mechanical Engineering, Vol. 7 No. 4 April, 2022, pp. 1639-1649.</p> <p>4. M. Suba, R. Shanmugapriya, K. Sakthivel and M. L. Suresh, On Intuitionistic Fuzzy -Closed Sets in Intuitionistic Fuzzy Topological Spaces, International Journal of Mechanical Engineering, Vol. 7 No. 4 April, 2022, pp. 1633-1638.</p> <p>5. M. Suba, Shanmugapriya R, Balamuralitharan S and Arul Joseph G, Current mathematical models and numerical simulation of sir model for coronavirus disease- 2019 (COVID-19), European Journal of Molecular and Clinical Medicine, 2020, 7(5), pp. 41-54. (Scopus Indexed & Group A of UGC-CARE List). (Scopus). 155</p> <p>6. R. Shanmugapriya and M. Suba, A Fuzzy Mathematical Model for Analysis of Blood Cancer Effects on Human Body using Average Fuzzy Relational Maps, Journal of Critical Reviews, 7(13), 2020, pp. 3490-3494.</p> <p>7. R. Shanmugapriya, M. Suba and A. Manickam, A Mathematical Model for analysis of Prognostication of Nasopharyngeal Carcinoma, Advances in Mathematics: Scientific Journal 8 (2019), no.3, pp. 673–676. (Scopus). 8. M. Suba, N. Mythili and T. Gunasekar, On the Controllability of impulsive neutral functional evolution integro-differential systems with an infinite delay, Global Journal of Pure and Applied Mathematics, 10(6) (2015) pp. 349-365 (Scopus).</p> <p>9. G.V. Subramanian, S. Manimaran, T. Gunasekar, C. Ravichandran and M. Suba, On the results of impulsive neutral integrodifferential control systems with an infinite delay, Indian Journal of Science and Technology, 8(6), (2015) pp. 581-587 (Scopus Indexed).</p> <p>10. G.V. Subramanian, S. Manimaran, T. Gunasekar and M. Suba, Controllability of Second Order Impulsive Neutral Functional Integrodifferential Inclusions with an Infinite Delay, Advances and applications in fluid mechanics, 18 (1), 2015, pp. 1-30 (Scopus).</p> <p>11. S. Manimaran, T. Gunasekar, G.V. Subramanian and M. Suba, Controllability of Impulsive Neutral Functional</p>

S.No.	Reg.No	Name	Dept	Regulation	Mode of Study (PT/FT)	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ES CI/WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
6	18RMBM1003	Kandati Sai Chandu	Management Studies	2016	PT-E	05.09.2024	24.09.2024	Dr. G. Manoj	<i>Impact Analysis of Campus Recruitment Training Programme on the Placement of Management Graduates Across Rayalaseema Region in Andhra Pradesh</i>	Dr. Faizul Haque Associate Professor Department of MBA Southampton Business School University of Scouthampton SO171BJ, UK Contact Number: +44 (o) 23 8059 9627 Email Id.: f.haque@soton.ac.uk	Dr. M. Lokanadha Reddy Professor, Department of MBA, REVA Business School REVA University Rukmini Knowledge Park Kattigenahalli, Yelahanka, Bangalore - 560064. Contact Number: 9490991873 Email Id.: dr.lokanadhareddy@gmail.com	1	-	ABD C-1	2	-	SCOPUS [1] Kandati Sai Chandu and Dr. Manoj.G., (2023) 'A study on factors influencing effectiveness of campus recruitment training'. Journal of law and sustainable development, 11(6), pp.1-13. ABDC [2] Dr. Manoj.G and Kandati Sai Chandu., (2023) 'A study on factors influencing effectiveness of campus recruitment training'. Korea Review of International Studies, 16(15), pp. 100-109

S.No.	Reg.No	Name	Dept	Regulation	Mode of Study (PT/FT)	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
7	19RHEG1006	Vimochana M	English	2016	PT-E	05.09.2024	25.09.2024	Dr. Bindu M.R.	<i>Embellishment of Drama by Conscious Infusion of the Elements of RASA in the Plays of Girish Karnad</i>	Dr. Md. Habibur Rahman Professor Department of English, Comilla University Kotbari, Cumilla, Bangladesh Contact Number: 01712624178 Email Id.: antoncou70@gmail.com	Dr. Joseph Koyippally Professor, Department of English and Comparative Literature Central University of Kerala 105 Brahmputra, Tejaswini Hills, Periyar (PO), Kasaragod (DT), Kerala - 671316 Contact Number: 9495683616 Email Id.: koyippally@cukerala.ac.in	2	-	2	4	-	<p>1. Vimochana.M, Bindu.M.R. Et al., (2023). —Exploring Challenges of Dyslexic Students Learning English as a Second Language: Reading Drama Script. (SCOPUS INDEXED) World Journal of English Language Vol. 13, No. 8. doi:10.5430/wjel.v13n8p590 URL: https://doi.org/10.5430/wjel.v13n8p590</p> <p>2.Vimochana.M & Bindu.M.R. (2023) —Media and Social Media As Urban Symbols In Girish Karnad's The Wedding Album And The Broken Images , Journal of The Asiatic Society of Mumbai, ISSN: 0972-0766, Vol. XCVI, No.21, (UGC Existing)</p> <p>3.Vimochana. M & Bindu.M.R. (2023) —Erasing The Green Paint: Karnad's Attempt To Gain The Recognition Due To Islamic Rulers Of India And Erase The Pseudo-History Against Islam , Journal of The Asiatic Society of Mumbai , ISSN : 0972-0766, Vol. : XCVI, No:29, 2023, (UGC Existing)</p> <p>4.Vimochana.M & Bindu.M.R. (2019) —Modifiers of Modern Indian Drama International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December 2019. (scopus) https://www.ijeat.org/wp-content/uploads/papers/v9i2/B3374129219.pdf</p>

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8	16RECV1001	Baskar S	CIVIL	2016	PT-I	10.09.2024	25.09.2024	Dr. Aswin Sidhaarth K.R.	<i>Exploration of Powdered Clamshell as a Sustainable Adsorbent for Removal of Nickel and Mercury from Aqueous Solution</i>	Dr. Adrian Bonilla-Petriciolet Professor Department of Chemical Engineering Instituto Tecnológico de Av. Adolfo Lopez Mateos #1801 Ote. Fracc. Bona Gens, CP 20255 Aguascalientes, Ags., Mexico Contact Number: 524499105002 Email Id.: petriciolet@hotmail.com	Dr. Radhakrishnan R Professor Department of Civil Engineering Mangalam College of Engineering Mangalam Hills, Vettimukkal, P.O., Ettumanoor, Kottayam, Kerala-686631 Contact Number: 9447137363 Email Id.: radhakrishnanr707@gmail.com	2	1	2	5	-	<p>1. Baskar, S., Aswin Sidhaarth, K.R. and Mangaleshwaran, L. (2023), 'Utilisation of Clamshell Waste for Removing Mercury from Water: Fixed Bed Adsorption and Modelling Studies', Asian Journal of Water, Environment and Pollution, Vol. 20, No. 6, pp. 77-85. (Scopus and Web of Science (WOS))</p> <p>2. Baskar, S. and Aswin Sidhaarth, K.R. (2018), 'A Review on Adsorption of Nickel and Mercury from Aqueous Solution Using Nanoparticles', International Journal of Civil Engineering and Technology, Vol. 9, No. 9, pp. 1246-1255. (Scopus)</p> <p>3. Baskar, S. and Aswin Sidhaarth, K.R. (2020), 'Removal of Nickel from Water by Adsorption Method Using Clam Shells', International Journal of Advanced Research in Engineering and Technology (IJARET), Vol. 11, No. 12, pp. 735-749. (Scopus)</p> <p>4. Baskar, S. and Aswin Sidhaarth, K.R. and Mangaleshwaran, L. (2021), 'Removal of Mercury from Water by Adsorption Method Using Clam Shell', Turkish Journal of computer and mathematical Education, Vol. 12, No. 10, pp. 5485-5499. (UGC approved)</p> <p>5. Baskar, S. and Aswin Sidhaarth, K.R. and Mangaleshwaran, L. (2022), 'Removal of Heavy Metal from Water by Adsorption Method Using Clam Shell', International Journal of Mechanical Engineering, Vol. 2022, No. 7, pp. 0974-5823. (UGC approved)</p>
9	20REEC1006	Chadalavada Mohan Sai Kumar	ECE	2016	PT-I	13.09.2024	26.09.2024	Dr. R.S. Valarmathi	<i>Certain Investigations on Image Dehazing and its Application to Change Detection in Adverse Environment Conditions</i>	Dr. Yousef Farhaoui Associate Professor Department of Computer Science, Moulay Ismail University, B.P 509, Boutalamine, Errachidia, Morocco Contact Number: +21 2672377651 Email Id.: y.farhaoui@fste.umil.ac.ma	Dr. Rakesh Kumar Professor Department of CSE Central University of Haryana - 123031 Contact Number: +918168024299, 9416327669 Email Id.: rkdhiman@cuh.ac.in	1	1	-	2	-	<p>1. Mohan Sai Kumar, CH. and Valarmathi, R.S., (2023), "CHC-UNet: Cascaded Heterogeneous Convolution UNet Framework for Adaptive Image Dehazing", International Journal of Electrical and Electronic Engineering & Telecommunications, Vol. 12, No. 4, pp. 294-305. doi:10.1007/s11227-019-03007-0</p> <p>2. Mohan Sai Kumar, CH. and Valarmathi, R.S., (2023), "Atrous Convolution-based Residual Deep CNN for Image Dehazing with Spider Monkey – Particle Swarm Optimization", Intelligent Automation & Soft Computing, Vol. doi:10.32604/iasc.2023.038113 37, No. 2, pp. 1711-1728.</p>

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10	20RHEG1003	J Sathish Kumar	ENGLISH	2016	PT-E	11.09.2024	26.09.2024	Dr. Prakash A	<i>The Farsight Vision Of Michael Chabon as Seen in his Select Novels: A Didactic Approach</i>	Dr. Maria Rhodora G. Ancheta Professor, Department of English and Comparative Literature University of the Philippines Diliman, Diliman 1101 Quezon City, Philippines Contact Number: (632) 9818500 Email Id.: mgancheta@up.edu.ph	Dr. Chinnadevi Singadi Associate Professor Department of Indian and World Literatures The English and the Foreign Languages University in India Department of Indian and World Literatures, School of Literary Studies, Hyderabad Telangana Contact Number: 9848426486 Email Id.: chinnadevi@efluniversity.ac.in	5	-	-	5	-	<p>1. Kumar, J.Sathish and Prakash.A (2022), —Connection and Isolation in Michael Chabon’s Wonder Boys in Kanpur Philosphers, International Journal of Humanities Law and Social Sciences published biannually by New Archaeological and Genological Society, Kanpur, India with ISSN 2348-8301 , Vol.IX. Issue I no.7.</p> <p>2. Kumar, J.Sathish and Prakash.A (2022), —Alienated Youth in Michael Chabon’s The Mysteries of Pittsburgh in Journal of the Oriental Institute with ISSN 003-532 Vol.71, Issue 01, No.13.</p> <p>3. Kumar, J.Sathish and Prakash.A (2022), —Estrangement in Michael Chabon’s The Mysteries of Pittsburgh in Rabindra Bharati Journal of Philosophy with ISSN No. 0973- 0087 Vol XXIII, No.09.</p> <p>4.Kumar, J.Sathish and Prakash.A (2022), —Escapism in Michael Chabon’s Novel, The amazing Adventures of Kavalier and Clay in Journal of Asiatic Society of Mumbai with ISSN:0972-0766 Vol 95.</p> <p>5.Kumar, J.Sathish and Prakash A. (2023), _Sexual Identity in Michael Chabon’s The Mysteries of Pittsburgh,’ South India Journal of Social Sciences with ISSN 097- 8945 Vol.XXI.No.4.</p>
11	19RECS1003	Femi D	CSE	2016	PT-I	12.09.2024	27.09.2024	Dr. M.A. Mukunthan	<i>Attention-Based Deep Residual Dense Network with Cascaded CNN for Multiclass Classification and Recognition of Plant Leaf Diseases</i>	Dr. Gheorghita Ghinea Professor, Department of Computer Science, Brunel University, London, UXBridge, MiddleSex UB8 3PH, United Kingdom Contact Number: +44 (1895) 266033 Email Id.: george.ghinea@brunel.ac.uk	Dr. V.D. Ambeth Kumar Associate Professor Department of Computer Engineering Mizoram University (A Central University) Aizawl, Mizoram-796 004 Contact Number: 984155105 Email Id.: ambeth@mzu.edu.in	3	-	-	3	-	<p>1. Femi, D., & Anandan Mukunthan, M. (2023). “Plant Leaf Infected Spot Segmentation Using Robust Encoder-Decoder Cascaded Deep Learning Model”, Network: Computation in Neural Systems, 1-19.</p> <p>2. Femi David, & Mukunthan, M. A. (2024). “Betel Leaf Diseases Classification Using Machine Learning Algorithm: A Feasible Approach”, Journal of Advanced Research in Applied Sciences and Engineering Technology, 40(1), 74-86.</p> <p>3. Femi, D., & Mukunthan, M. A. (2024). “Optimized encoder-decoder cascaded deep convolutional network for leaf disease image segmentation”, Network: Computation in Neural Systems, 1–27.</p>

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12	20RECV1001	Jayadurgalakshmi M	CIVIL	2016	PT-E	13.09.2024	27.09.2024	Dr. S. Kandasamy	<i>The Synergistic Effect of Pumice, Cenosphere and Coal Bottom Ash on the Mechanical and Durability Properties of Sustainable Concrete</i>	Dr. Hugo Rodrigues, Associate Professor, Department of Civil Engineering, RISCO, University of Aveiro, Portugal, Contact Number: (351) 234370049, Email Id.: hrodrigues@ua.pt	Dr. C. Rajasekaran, Associate Professor, Department of Civil Engineering, National Institute of Technology, Surathkal, Karnataka, Contact Number: 9449377540, Email Id.: bcrasekaran@nitk.edu.in	2	-	-	2	-	1. Jayadurgalakshmi, M., Kandasamy, S.(2024) —Behaviour of cenosphere and pumice powder as partial cement substitute material in the sustainable production of concrete]]. J Build Rehabil 9, 47. https://doi.org/10.1007/s41024-024-00397-4 (Scopus indexed) 2. Jayadurgalakshmi, M. and Kandasamy, S., (2022). A comparative study on the various alternative materials for fine aggregate in concrete. Materials Today: Proceedings, 65, pp.1614-1622. https://doi.org/10.1016/j.matpr.2022.04.670 (Scopus indexed)
13	13REEE1010	Sivaraj P	EEE	2009	PT-I	13.09.2024	27.09.2024	Dr. K. Karunanithi	<i>Investigation of Losses and Performance</i> <i>Evaluation of Solar PV – Inverter by Optimum</i> <i>Power Point Tracking using CNN</i>	Dr. Amjad Anvari-Moghaddam, Professor, Department of Engineering & Science, Aalborg University, Fredrik Bajers, Vej 7K, Aalborg Nordjylland, Denmark Pontoppidanstraede 101, 2-049 9220 Aalborg, Denmark, Contact Number: +45 93562062, Email Id.: aam@energy.aau.dk	Dr. Shankar Nalinakshan, Associate Professor & Deputy Dean (AA), Department of Electrical and Electronics Engineering, The National Institute of Engineering, Manandvadi Road, Mysore- 570008, Karnataka	3	-	-	3	-	1. Panneerselvam, S. and Srinivasan, B (2022), "Switching loss analysis of IGBT and MOSFET in single phase PWM inverter fed from photovoltaic energy sources for smart cities", International Journal of Systems Assurance Engineering and Management. 2. Sivaraj Panneerselvam, Karunanithi Kandasamy and Chandrasekar Perumal (2022), "Modelling and simulation of sinusoidal pulse width modulation controller for solar photovoltaic inverter to minimize the switching losses and improving the system efficiency", Archives of Electrical Engineering. 3. Sivaraj Panneerselvam, Karunanithi Kandasamy "Single-Switch Inverter Design for Reduced Losses and Improved PV-Grid Integration", SSRG International Journal of Electrical and Electronics Engineering.

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14	20REEC1015	S. Aswath	ECE	2016	PT-I	13.09.2024	27.09.2024	Dr. R.S. Valarmathi	<i>Certain Investigations on Computational Techniques to Detect Obstructive Sleep APNEA</i>	Dr. Mihaela Hnatiuc Associate Professor Department of Electronics and Telecommunication Constanta Maritime University, Stefan cel Mare, No. 44, bl. M16, sc. B ap. 38, Constanta, Romania Contact Number: +04 749098269 Email Id.: mihaela.hnatiuc@cmu-edu.eu, mhnatiuc@yahoo.com	Dr. Debabrata Singh Associate Professor Department of Computer Application Siksha O Anusandhan University J, 15, Khandagiri Marg, Dharam Vihar, Khandagiri, Bhubaneswar, Odisha 751030 Contact Number: 8658427346 Email Id.: debabratasingh@soa.ac.in	1	1	-	2	-	1. Aswath, S. and Valarmathi, R. S. (2022) 'Obstructive Sleep Apnea Severity Prediction Model GUI using Anthropometrics', SSRG International Journal of Electrical and Electronics Engineering, 9(12), pp. 134–144. doi: 10.14445/23488379/IJEEE-V9I12P112. (SCOPUS INDEXED) 2. Aswath, S., Sundaram, Valarmathi. R. S. and Mahdal, M. (2023) 'An Adaptive Sleep Apnea Detection Model Using Multi Cascaded Atrous-Based Deep Learning Schemes With Hybrid Artificial Humming Bird Pity Beetle Algorithm', IEEE Access, 11, pp. 113114–113133. doi: 10.1109/ACCESS.2023.3319452. (WOS & SCOPUS INDEXED)
15	20RECV1015	S. Shabarish	CIVIL	2016	FT	18.09.2024	27.09.2024	Dr. K. Tamilarasan	<i>Intensification Effect of Combined Liquefaction on Macroalgae: An Energy Efficient Biohydrogen Production</i>	Dr. Gary Caldwell Professor Department of Applied Marine Biology, Newcastle University, NE1 7RU, United Kingdom Contact Number: +44 (0) 191 208 6660 Email Id.: gary.caldwell@ncl.ac.uk	Dr. Arun Kumar Thalla Professor, Department of Civil Engineering, National Institute of Technology Karnataka, Surathkal - 575025 Contact Number: +91-9480855797 Email Id.: arunkumar@nitk.edu.in	1	5	-	6	-	1. Shabarish S., Tamilarasan K., Rajesh Banu J. (2022), "Chemasonic pretreatment approach on marine macroalgae for energy efficient biohydrogen production", Sustainability, Vol 14, No 9, pp.1-17 (SCI, I.F. – 3.889) (Q1). 2. Shabarish S., Tamilarasan K., Rajesh Banu J., Godvin Sharmila V. (2023), "Statistical optimization of chemo sonic liquefaction in macroalgae for biohydrogen generation - An energy effective approach", Energies, Vol 16, No 7, pp. 1-15 (SCI, I.F. – 3.252) (Q1). 3. Shabarish S., Tamilarasan K., Rajesh Banu J., Godvin Sharmila V. (2023), "Biohydrogen production from macroalgae via sonic-biosurfactant disintegration - An energy-efficient approach", Resources, Environment and Sustainability, Vol. 11, pp. 1-9 (SCOPUS, I.F. – NA) (Q1). 4. Shabarish S., Tamilarasan K., Rajesh Banu J., Godvin Sharmila V., Dinesh Kumar M. (2023), "Anaerobic fermentation of seaweed for enhanced biohydrogen production through combined sonic surfactant disintegration: Process optimization and Energy assessment", Biomass Conversion and Biorefinery, pp. 1-11 (SCI, I.F. – 4.050) (Q2). 5. Tamilarasan K., Shabarish S., Godvin Sharmila V., Rajesh Banu J. (2024), "Biosurfactant induced microwave disintegration of macroalgae for fermentative biohydrogen production", Process Safety and Environmental Protection, Vol. 187, pp. 495-505 (SCI, IF- 7.8) (Q1). 6. Tamilarasan K., Shabarish S., Rajesh Banu J., Godvin Sharmila V. (2024), "Sustainable power production from petrochemical industrial effluent using dual chambered microbial fuel cell, Journal of Environmental Management, Vol 351, pp 1-8 (SCI, I.F. -8.91) (Q1).

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16	20RMBM1003	Divya S	Management Studies	2016	FT	13.11.2024	28.11.2024	Dr. M S R Mariyappan	<i>Influence of Emotional Intelligence on Employee Performance with the mediating effect of Employee Engagement in Manufacturing Industries, Chennai</i>	Dr. Hendra Syahputra Associate Professor Faculty of Islamic Economics and Business Ar-Raniry State Islamic University, Indonesia Contact Number: 62811121308 Email Id.: hsyahputra@ar-raniry.ac.id	Dr. Krishn Awatar Goyal Professor, Department of Business Finance and Economics Jai Narain Vyas University, Jodhpur Contact Number: 7597293666 Email Id.: kag.bfe@jnvu.edu.in	-	-	ABDC C-2 Others - 1	3	-	ABDC Journals 1. Dr.M.S.R.Mariyappan and Divya.S, "An Empirical Study on Impact of Emotional Intelligence on Employee Performance through Emotional Resilience" – Smart PLS Technique, World Journal of Management and Economics", Vol.16, Issue 07(2023), ISSN:1819-8643, pp.83-95. 2. Dr.M.S.R.Mariyappan and Divya.S, "Impact of Health and Safety Measures of Employees on their Performance: The Moderating Effect of Covid-19", European Economic Letters, Vol.13, Issue 03(2023), ISSN: 2323-5233, pp.1874-1880. Peer-Reviewed Publication 1. S.Divya, Dr. R. Seranmadevi, "Impact of Cynicism Behaviour on Employee Engagement", Estudios de Economia Aplicada, Vol.40, Issue Jan 2022, 10.25115/eea.v40i1.5462
17	19RECS1011	S. Thylashri	CSE	2016	PT-I	12.11.2024	30.11.2024	Dr. S. Ravikumar	<i>Multi-Class Classification of Wetland Ecosystem and Climatic Assessment using Deep Learning Approaches</i>	Dr. Joao Manuel R.S. Tavares Professor, Faculty of Engineering, University of Porto, Rua Dr. Roberto Frias, s/n 4200-465 Porto Portugal Contact Number: +351 22 041 3472 Email Id.: tavares@fe.up.pt	Dr. Vinod Chandra S S Professor Department of CSE University of Kerala, Senate House Campus, Palayam, Thiruvananthapuram - 695034, Kerala Contact Number: 9447271806 Email Id.: vinodchandrase@gmail.com	2	-	-	2	-	1. Thylashri S. and Rajalakshmi N.R. (2024), 'Wetland Mapping by Fusion of Deep learning and Ensemble Model for Enhancing Prediction Outcomes', Fusion: Practice and Applications, Vol. 14, No. 1, pp. 178-189. 2. Thylashri S. and Rajalakshmi N.R. (2024), 'Identifying land use land cover dynamics using machine learning method and GIS approach in Karaivetti, Tamil Nadu', Journal of Autonomous Intelligence, Vol. 7, No. 3, p. 1333.
18	20RECS1004	S. Kaviarasan	CSE	2016	PT-E	12.11.2024	30.11.2024	Dr. R. Srinivasan	<i>Energy Efficient Routing Algorithm based on Meta-Heuristic Optimization in Wireless Sensor Network</i>	Dr. Jorge Barbosa Professor Department of Electrical & Computer Engineering University of Vale do Rio dos Sinos (Unisinos) Unisinos Avenue, 950 - CEP 93.022-000 Sao Leopoldo-Brazil Contact Number: +55 (513591-112 ext. 1625) Email Id.: jbarbosa@unisinos.br	Dr. Devendra Prasad, Professor, Department of Computer Science and Engineering Panipat Institute of Engineering and Technology (PIET) Samalkha, Panipat, Haryana Contact Number: 8725030858 Email Id.: hod.aiml@piet.co.in	2	1	-	3	-	1. S.Kaviarasan, R.Srinivasan. (2024) .Developing a novel energy efficient routing protocol in WSN using adaptive remora optimization algorithm. Expert Systems with Applications, 2024,vol 244, 122873(SCIE,SCOPUS) 2. S.Kaviarasan, R.Srinivasan. (2023). A Novel Spider Monkey Optimized Fuzzy C-Means Algorithm (SMOFCM) for Energy-Based Cluster-Head Selection in WSNs International Journal of Electrical and Electronics Research, 2023, vol 11(1), pp. 169-175(SCOPUS) 3. S.Kaviarasan, R.Srinivasan. (2023) Energy Efficient Based Optimized K-Means And Modified Whale Optimization Algorithm For Cluster Head Selection In WSN. Journal of Theoretical and Applied Information Technology, 2023, vol 101(1), pp. 61 71(SCOPUS)

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19	17RHCH1002	G. Muni Hemalatha	Chemistry	2016	PT-E	15.11.2024	02.12.2024	Dr. K. Thirunavukkarasu	<i>Synthesis, Characterization, Anti-Microbial and Anti-Cancer activities and Sensor Applications of Schiff Bases and their Derivatives</i>	Dr. Celine Dablemont Associate Professor, Institut des Sciences Moleculaires d'Orsay (ISMO) Universite Paris-Saclay, Batiment 520: rue Andre Riviere; 91 400 Orsay, France Contact Number: 33169157909 Email Id.: celine.dablemont@u-psud.fr	Dr. S. Vijayaraghavalu Associate Professor Department of Life Sciences (Zoology) Manipur University (Central University) Manipur, Imphal, Manipur Contact Number: 8925744196 Email Id.: drshiva@manipuruniv.ac.in	1	1	-	2	-	1. Hemalatha, G.M., Thirunavukkarasu, K. and Kumar, C.R., 2022. Isoniazid-Based Schiff's Bases In Bone Cancer Studies Using Mg-63 Cell Lines. International Journal of Applied Pharmaceutics 2. Hemalatha, G.M., Thirunavukkarasu, K., Kumar, C.R., Thamim, M. and Thirumoorthy, K., 2023. Selective Detection of Copper Ions and Biological Activities of Isoniazid Schiff Bases. Chemistry Select, 8(12), p.e202204898.
20	20RHEG1013	Lamessa Oli Afeta	English	2016	FT	23.11.2024	05.12.2024	Dr. M. Ramesh	<i>Determinants of Undergraduate Learners' Speaking Skills: A Study at Two Select Higher Education Institutions in Ethiopia</i>	Dr. Peter Maina Matu Professor, Department of English, Technical University of Kenya Nairobi-Kenya Contact Number: 020343672 Email Id.: maina.matu@tukeya.ac.ke	Dr. Lal C A Professor, Department of English, University of Kerala, Thiruvananthapuram, Palayam, Trivandrum, Kerala Contact Number: 9446703790 Email Id.: lalca.ku@gmail.com	2	-	UGC - 2	4	-	1. Lamessa, O., Ramesh, M., Rajesh, K., Ponnuthuramalingam M. and Aravind B. R. (2023) "Probing the Determinant Factors Affecting Students' English Speaking Skills," World Journal of English Language, Vol.13, no.7, pp.232-242. (SCOPUS) 2. Mathumathi, P., Selvaraj, V., Balamurugan, S., Sarker, M. a. M., Lamessa, O., Prakash A., & Ramesh M. (2024) "Assessment of Factors that Affect Students' Business Writing Skills." World Journal of English Language, Vol.14, no.5, pp.424. (SCOPUS) 3. Lamessa, O. and Ramesh, M. (2022) "Causes of Learners' English Speaking Anxiety: A Literature Review," International Journal of Food and Nutrition Science, Vol.11, no.8, pp.3. (UGC). 4. Lamessa, O. and Ramesh, M. (2022) "Exploration into Factors Causing Difficulties to Students' Writing Skills: The Case of Grade 10 Students of Sire Secondary School," Education and Society, Vol.46, no.3. (UGC)
21	18REME1010	Chincholi Vishal Rudrappa	MECH	2016	PT-E	20.11.2024	06.12.2024	Dr. Ganesan S	<i>Analysis of Organo-Metallic Halide Perovskite Cell</i>	Dr. Paulo Davim. J Professor Department of Mechanical Engineering University of Averio CampusUniversita ro de Santiago, 3810-193 Averio, Portugal Contact Number: 351234401566 Email Id.: pdavim@ua.pt	Dr. Sachin L. Borse Professor Department of Mechanical Engineering JSPM's Narhe Technical Campus, Narhe, Pune Contact Number: 91814953839 Email Id.: sachinlb@yahoo.co.uk	2	-	-	2	-	1. Chincholi Vishal Rudrappa & S. Ganesan (2023) 'Comparative analysis of lead and non-lead based organo-metallic halide perovskite cells', Composites Mechanics, Computations, Applications An International Journal 14(3) 73-90 . 2. Chincholi Vishal Rudrappa & S. Ganesan (2023) 'Investigation of performance and stability of multilayered organometallic halide Perovskite cell', Journal of Integrated Science and Technology, 2023, 11(1), 465.

S.No.	Reg.No	Name	Dept	Regulation	Mode of Study (PT/F T)	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ES CI/WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
22	15REAU1001	Pradeep A	AUTO	2009	PT-E	15.11.2024	13.12.2024	Dr. Balaji .K	<i>Study and Development of Lean Manufacturing Framework for Improving Effectiveness in Automotive Industries</i>	Dr. M.S.J. Hashmi Professor School of Mechanical and Manufacturing Engineering, Dublin City University, Dublin 9, Ireland Contact Number: +35317005545 Email Id.: saleem.hashmi@dcu.ie	Dr. S. Nallusamy Professor Department of ACEE Jadavpur University, Kolkata 700032, West Bengal Contact Number: 033-24572290 Email Id.: snallusamy@jadavpuruniversity.in	1	1	-	2	-	1. Pradeep, A., Manimaran, A., Arun Kumar, P. and Balaji, K. Labour productivity improvement in an automobile component manufacturer machine shop using lean tools. International Journal of Innovative Technology and Exploring Engineering, 2019, 8(11), pp. 2915–2920 (Scopus) 2. Pradeep, A. and Balaji, K. Reduction of lead time in an automobile rubber components manufacturing process through value stream mapping. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of ProcessMechanical Engineering. 2022, 236(6), pp. 2470–2479 (SCI and Scopus, IF : 2.4)
23	17RHCH1001	A. Malli Babu	Chemistry	2016	PT-E	26.11.2024	14.12.2024	Dr. Hazarathaiyah Yadav	<i>Innovative Analytical Method Development and Validation for various Pharmaceutical Dosage Forms</i>	Dr. Habil Leonard Atanase Professor, Department of Medicine, "Apollonia" University of Iasi, Romania Academy of Romanian Scientists, Ilfov Street, Bucharest, Romania Contact Number: +40 741 686 687 Email Id.: leonard.atanase@yahoo.com	Dr. Pravin Suresh Jogi Professor, Department of Chemistry Janata Mahavidyalaya Chandrapur - 442401, Maharashtra Contact Number: +09890843972 Email Id.: jogipravin@yahoo.in	2	-	2	4	-	1. Hazarathaiyah, Y.C. and Mallibabu, A., 2022. RP-LC Method in Gradient mode for Combined Quantification of Metformin, Linagliptin, and Empagliflozin in Combination Tablets. Journal of Medicinal and Chemical Sciences 5 (2022) 1018-1025. 2. Yadav, C.H. and Babu, A.M., 2021. Development and Validation of Head-space Gas Chromatographic Method in Tandem with Flame ionized detection for the determination of Residual solvents in Simeprevir API Synthesis. Research Journal of Pharmacy and Technology, 14(10), pp.5175-5181. 3. Mallibabu, A., Yadav, C.H. and Pathi, P.J., 2018. Development and validation of a stability indicating method by ultra performance liquid chromatography for the determination of vancomycin drug in vancomycin injection. World Journal of Pharmaceutical Research, Volume 7, Issue 19, 1100-1108. 4. Yadav, C.H. and Babu., 2018. The Estimation of Mepivacaine Drug in Mepivacaine Hydrochloride Injection by RP-HPLC, International Journal of Engineering and Techniques. Volume 4 Issue 3, 628-631.

S.No.	Reg.No	Name	Dept	Regulation	Mode of Study (PT/FT)	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ES CI/WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
24	20RECV1017	Razan Alzein	CIVIL	2016	FT	11.12.2024	18.12.2024	Dr. Vinodkumar M	<i>An Investigation on Waste Plastic Fiber Reinforced Concrete Voided Slabs with Different Profiled Steel Decking</i>	Dr. Pacheco-Torgal, Fernando, Professor, Department of Civil Engineering, University of Minho, Barga, Portugal	Dr. Yaragal, Subash C, Professor, Department of Civil Engineering, National Institute of Technology, Mangalore, Karnataka	1	2		3	1-Granted 1-Published	<p>1. Alzein, R., Kumar, M. V., Raut, A. N., Alyaseen, A., Sihag, P., Lee, D., Kumar, R., and Singh, T., (2024), 'Polypropylene waste plastic fiber morphology as an influencing factor on the performance and durability of concrete: Experimental investigation, soft-computing modeling, and economic analysis', Construction and Building Materials, Vol. 438. (SCIE)</p> <p>2. Alzein, R., and Kumar, M. V., (2023), 'Development of Concrete Slabs by Using Hollow Core Action Integrated with Profiled Steel Sheets: State of the Art Review', International Journal of Steel Structures, Vol. 23, No. 3. (SCIE)</p> <p>3. Kumar, M. V., Alzein, R., Ganesh, A. C., Kumar, K. R., Gurumoorthy, N., and Adesina, A., (2022), 'Analytical investigation of the influence of various void shape and spacing on the load bearing behavior of concrete hollow core slabs', Journal of Building Pathology and Rehabilitation, Vol. 7, No. 1, pp. 4. (Scopus)</p> <p>Patent: 1. Vinod Kumar, M., Razan Alzein., Aswin Sidharth, K.R., Saravanan J., Kandasamy S., (2023) 'Method of Constructing Light Weight Concrete Slab'. Indian Patent No: 423625. (Granted) 2. Vinod Kumar, M., Razan Alzein., (2024), 'Incorporating the food packing container waste plastics in the form of fibres in concrete – A step towards promoting sustainability in both environmental and construction sectors', Indian Patent. (Published)</p>
25	20RMBM1007	Kotteswaran D	Management Studies	2016	PT-I	06.12.2024	26.12.2024	Dr. P. Elantheraiyan	<i>A Study on Influential Factors and Role of Generational Cohorts in Entrepreneurial Competency in Chennai</i>	Dr. Stefano Bresciani, Professor, Department of Management Studies, University of Turin, Via Verdi 8 10124 Turin, Italy	Dr. Subhadeep Mukherjee, Associate Professor, Faculty of Management and Commerce, Ramaiah University of Applied Sciences, New Bel Road, MSR Nagar, Bangalore - 560054, Karnataka,	2	-	-	2	-	<p>1. Kotteswaran, D. and Elantheraiyan, P. (2023). A Thoughtful Analysis of the Entrepreneurial Skills Required for Startup's – In the Modern Era. European Economic Letters, 13(5), pp. 1199-1202. https://doi.org/10.52783/eel.v13i5.893. 2. Kotteswaran, D. and Elantheraiyan, P. (2024). Analysis of Gen Z's Entrepreneurial Potential, Centered on Private University Students from Chennai. Empirical Economics Letters, 23(1), pp. 53–61. https://doi.org/10.5281/zenodo.10790239.</p>

S.No.	Reg.No	Name	Dept	Regulation	Mode of Study (PT/F T)	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ES CI/WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
26	18RECS1007	Kagade Ranjeet Bharat	CSE	2016	PT-E	11.12.2024	28.12.2024	Dr. N. Vijayaraj	<i>Intrusion Detection System with Risk Level Evaluation in Wireless Sensor Network using Optimization-Assisted Deep Learning Methods</i>	Dr. Xiao-Zhi Gao Professor School of Computing, Department of Computer Science and Engineering University of Eastern Finland, Tulliportinkatu 1, 80130 Joensuu, Finland Contact Number: 00358 40 4134282 Email Id.: xiao.z.gao@gmail.com	Dr. Nilanjan Dey Associate Professor Department of Computer Science and Engineering Techno International New Town Mega City, Rajarhat, Kolkata, West Bengal 700156 Contact Number: 8942809380 Email Id.: neelanjandey@gmail.com	2	2	UGC - 1 Others - 1	6	-	<ol style="list-style-type: none"> 1. Ranjeet B. Kagade; N. Vijayaraj (2024) 'Intrusion detection via optimal tuned LSTM model with trust and risk level evaluation' International Journal of Bio-Inspired Computation, Volume-23 Issue-1, pp 39-52, DOI: 10.1504/IJBC.2024.136227. 2. Ranjeet B. Kagade; N. Vijayaraj (2024) 'OCCOA for clustering-based intrusion detection system with MLP-RNN architecture' Multimedia Tools and Applications, https://doi.org/10.1007/s11042-024-19107-w. 3. Ranjeet B. Kagade; N. Vijayaraj (2023) 'Hybrid Model-Based Intrusion Detection in Wireless Sensor Network on the Basis of Risk and Link Quality' Journal of Interconnection Networks, In press, https://doi.org/10.1142/S0219265923500214, (World Scientific). 4. Ranjeet B Kagade, and Jayagopalan Santhosh (2022) 'Optimization Assisted Deep Learning based Intrusion Detection System in WSN with Two-Tier Trust Evaluation', International Journal of Network Management, vol. 32, Issue 4, https://doi.org/10.1002/nem.2196 (Wiley). 5. Ranjeet B Kagade, and J. Santhosh (2021) 'State Context and Hierarchical Trust Management in WSN for Intrusion Detection', Techno-Societal 2020, pp.103-116, Springer. (Springer) 6. Ranjeet B Kagade, P. Balamurugan (2020) 'Two Level Intrusion Detection Mechanism for Context and Trust Management', International Journal of Scientific & Technology Research, Volume-8 Issue-6, March 2020. DOI:10.35940/ijrte.F7141.038620. (Blue Eyes Intelligence Engineering and Sciences Publication).
27	18RMBM1005	Shabanabi P	Management Studies	2016	PT-E	11.12.2024	28.12.2024 (27.12.2024)	Dr. Geeta Kesavaraj	<i>Influence of Perception and Expectation on Decision Making towards Selection of Employer Branding with Reference to the Final Year Engineering Students</i>	Dr. Iiris Aaltio Professor Emerita, JSBE School of Business and Economics, University of Jyväskylä, Finland Email Id. Iiris.e.aaltio@ju.fi	Dr. T. Narayana Reddy Professor School of Management Studies JNTUA Institution, Ananthapuram, Andhra Pradesh Contact Number: 9885856315 Email Id.: tnreddyjntua@gmail.com	-	-	ABDC - 2 UGC - 2	4	-	<ol style="list-style-type: none"> 1. Shabanabi, P. and Kesavaraj, G., 2023. Impact of Perception Attributes on Employer Branding in IT Industry with Reference to Final Year Engineering Students. Journal of Informatics Education and Research, 3(2).(ABDC). 2. Shabanabi, P. and Kesavaraj, G., 2023. Employer Branding and Decision-Making Process of Final Year Engineering Students Towards IT Companies in Hyderabad City. European Economic Letters (EEL), 13(3), (ABDC). 3. P. Shabanabi and Dr . Geeta kesavaraj (2023),An Extensive Analysis of Employer branding, Industrial Engineering Journal,(UGC). 4. P. Shabanabi and Dr . Geeta kesavaraj (2019), Employer branding :A Literature survey,International Journal of Engineering and Management Research, (UGC) .



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



**47th MEETING
OF
THE ACADEMIC COUNCIL
Saturday, November 23, 2024**

MINUTES

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MINUTES OF THE 47th MEETING OF THE ACADEMIC COUNCIL

Saturday, November 23, 2024, at
10.30 a.m.

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

A. Opening

47.1 To record leave of absence of the members.

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

* **Dr. K. Sankaranarayanan**

Professor (HAG)

National Institute of Technology (NIT), Tiruchirappalli.

* **Prof. Dr. Krishnan BASKAR. D.Sc.**

Director,

Indian Institute of Information Technology -Senapati, Manipur

The Chair has noted their leave of absence.

The list of members attended the 47th meeting of the Academic Council can be accessed [here](#)



Appendix Attendance

47.2 Call to Order and Approval of Agenda of the 47th meeting of the Academic Council.

The Vice Chancellor called to order and placed the agenda of the 47th meeting of the Academic Council for confirmation which was circulated to members by e-mail.

47.3 Confirmation of the minutes of 46th meeting of the Academic Council held on Saturday, August 24, 2024.

The minutes of the 46th meeting of the Academic Council held on August 24, 2024 were circulated to the members.

The draft minutes of the 46th meeting of the Academic Council can be accessed [here](#)



Appendix A

The Minutes of the 46th meeting of the Academic Council held on August 24, 2024 has been confirmed.

47.4 To review the Action Taken Report on the minutes of the 46th meeting of the Academic Council held on Saturday, August 24, 2024.

The Vice Chancellor, placed before the Academic Council to consider the Action Taken Report in respect of the 46th meeting of the Academic Council as described in Table 1.

Table 1: Action Taken Report in respect of 46th meeting of the Academic Council held on August 24, 2024.

S.No.	Agenda Item	Decision Taken	Action Taken Report as decided in the ACM.
1	Item No 46.6 : 1(C) - Page 5 Dr. Nandagopan suggested to utilize the faculty from CVRDE for offering elective courses.	Planning for utilizing the faculty from CVRDE for handling the value added courses in the upcoming Regulations.	This may be implemented in the new UG Regulations (VTR-UG-2025)
2	Item No 46.6 : 2(C) – Page 6 Dr. Nandagopan suggested to offer the courses regarding E-Waste Management.	The content of the "E-Waste Management" is already available in this course "Battery Management System" for Electrical Vehicle specialization	One course (E-Waste Management System) will be added as a programme elective based on the suggestions of respective BoS.
3	Item No 46.6 : 2(D)– Page 7 Dr. Rajeev Kumar suggested to use the industry persons as alumni representative not from the Academic Institutions.	Recorded	Implemented when every BOS revision takes place.

- **Dr. Nandagopan** provided the list of topics/ Area of expertise from CVRDE for "Adoption of content into our curriculum and syllabus as Core and Elective Courses".
- **Dr. Nandagopan** suggested to utilize scientists from CVRDE may be offer these courses along with internal faculties.

The Council has taken note on the Action Taken report of the 46th meeting of the Academic Council held on August 24, 2024.

B. Items for Discussion & Approval

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

- Engineering - Aeronautical Engineering
- Law - Under Graduate(UG) Programmes
- Arts and Science - Under Graduate(UG) and Post Graduate (PG) Programmes

- Management - Post Graduate(PG) Programme

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

A. Department of Aeronautical Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 28th 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 2024-25.

Dr. R. Jegan Raj, Associate Professor, Head - Department of Aeronautical Engineering & BoS - Chairman, presented the recommendations of the 28th meeting of the Board of Studies held on November 17, 2024.

The Minutes of the BoS meeting
can be accessed [here](#)



Appendix AERO

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr. R. Jegan Raj, Associate Professor & Head - Department of Aeronautical Engineering & BoS - Chairman, moved the recommendations of the 28th 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 2024-25, be approved.

- **Law - Under Graduate Programmes**

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

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 12th 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 2024-25.

Dr. B. Venugopal, Professor & Dean, School of Law, presented the recommendations of the 12th Board of Studies meeting conducted on June 21, 2024.

The Minutes of the BoS meeting
can be accessed [here](#)



Appendix LAW

- **Prof. R.Venkata Rao, External Member** has suggested to offer the Legal Education Programme as continuing education for trial court lawyer professionals.
- **Prof. R.Venkata Rao, External Member** has suggested to increase the Research activity.

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr. B. Venugopal, Professor & Dean, School of Law, moved that "the recommendations of the 12th 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 2024-25", be approved.

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

a) **B.Sc. Multimedia.**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 16th Board of Studies for **B.Sc. Multimedia** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

Dr. E. Suresh Paul, Professor & Dean - School of Media Technology & Communication, presented the recommendations of the 16th Board of Studies meeting conducted on June 29, 2024.

*The Minutes of the BoS meeting
can be accessed [here](#)*



**Appendix
Multimedia**

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr. E. Suresh Paul, Professor & Dean, School of Media Technology & Communication, moved the recommendations of the 16th Board of Studies for **B.Sc. Multimedia** to be implemented with effect from the Winter Semester of the Academic Year 2024-25, be approved.

b) **B.Sc. Visual Communication**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 16th Board of Studies for **B.Sc. Visual Communication** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

Dr. E. Suresh Paul, Professor & Dean - School of Media Technology & Communication, presented the recommendations of the 16th Board of Studies meeting conducted on June 29, 2024.

*The Minutes of the BoS meeting
can be accessed [here](#)*



Appendix Viscom

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr. E. Suresh Paul, Professor & Dean, School of Media Technology & Communication, moved the recommendations of the 16th Board of Studies for **B.Sc. Visual**

Communication to be implemented with effect from the Winter Semester of the Academic Year 2024-25, be approved.

c) Bachelor of Commerce (B.Com.)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 4th Board of Studies for **Bachelor of Commerce (B.Com.)** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

Dr. J. Sri Devi, Assistant Professor & Head, Department of commerce and Business Administration, presented the recommendations of the 4th Board of Studies meeting conducted on June 28, 2024.

The Minutes of the BoS meeting can be accessed [here](#)



Appendix BCom

Dr. J. Sri Devi, Assistant Professor & Head, Department of commerce and Business Administration, moved that "the recommendations of the 4th Board of Studies for **Bachelor of Commerce (B.Com.)** to be implemented with effect from the Winter Semester of the Academic Year 2024-25", be approved.

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

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 4th Board of Studies for **Bachelor of Business Administration (B.B.A.)** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

Dr. J. Sri Devi, Assistant Professor & Head, Department of commerce and Business Administration, presented the recommendations of the 4th Board of Studies meeting conducted on June 28, 2024.

The Minutes of the BoS meeting can be accessed [here](#)



Appendix BBA

Dr. J. Sri Devi, Assistant Professor & Head, Department of commerce and Business Administration,, moved the recommendations of the 4th Board of Studies for **Bachelor of Business Administration (B.B.A.)** to be implemented with effect from the Winter Semester of the Academic Year 2024-25, be approved.

• Arts and Science - Post Graduate Programmes

a) M.A. - English

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies for **M.A. - English** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

Dr. P. Revathi, Associate Professor & Head, Department of English, presented the recommendations of the Board of Studies meeting conducted on June 29, 2024.

The Minutes of the BoS meeting
can be accessed [here](#)



Appendix ENG

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr. P. Revathi, Associate Professor & Head, Department of English, moved that "the recommendations of the Board of Studies for **M.A. English** to be implemented with effect from the Winter Semester of the Academic Year 2024-25", be approved.

b) M.Sc. - Mathematics

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies for **M.Sc. - Mathematics** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

The Minutes of the BoS meeting
can be accessed [here](#)



Appendix MATHS

Dr. J. Viswanath, Professor & Head, Department of Mathematics, presented the recommendations of the Board of Studies meeting conducted on June 19, 2024.

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr.J. Viswanath, Professor & Head, Department of Mathematics, moved that "the recommendations of the Board of Studies for **M.Sc. - Mathematics** to be implemented with effect from the Winter Semester of the Academic Year 2024-25", be approved.

c) M.Sc. - Physics

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies for **M.Sc. - Physics** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

The Minutes of the BoS meeting
can be accessed [here](#)



Appendix PHY

Dr. D. Senthil Kumar, Associate Professor & Head, Department of Physics, presented the recommendations of the Board of Studies meeting conducted on June 26, 2024.

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr. D. Senthil Kumar, Associate Professor & Head, Department of Physics, moved that "the recommendations of the Board of Studies for **M.Sc. Physics** to be implemented with effect from the Winter Semester of the Academic Year 2024-25", be approved.

d) M.Sc. - Chemistry

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies for **M.Sc. - Chemistry** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

Dr. CH. Hazarathaiyah Yadav, Professor & Head, Department of Chemistry, presented the recommendations of the Board of Studies meeting.

The Minutes of the BoS meeting can be accessed [here](#)



Appendix CHEM

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr. CH. Hazarathaiyah Yadav, Professor & Head, Department of Chemistry, moved that "the recommendations of the Board of Studies for **M.Sc. - Chemistry** to be implemented with effect from the Winter Semester of the Academic Year 2024-25", be approved.

e. M.Sc. - Data Analytics

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies for **M.Sc. - Data Analytics** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

Dr.S.P. Chokkalingam, Chairman of the Board of Studies & Professor, Department of Computer Science and Engineering, presented the recommendations of the 5th meeting of the Board of Studies conducted on July 27, 2024.

The Minutes of the BoS meeting can be accessed [here](#)



Appendix M.SC(DA)

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr.S.P. Chokkalingam, Chairman of the Board of Studies & Professor, Department of Computer Science and Engineering, moved the recommendations of the 5th Board of Studies for **M.Sc. - Data Analytics** to be implemented with effect from the Winter Semester of the Academic Year 2024-25, be approved.

• Management - Post Graduate Programmes

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

The Vice Chancellor, placed before the Academic Council to consider the recommendations 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 2024-25.

Dr. K. Ravishankar, Professor & Head, Department of Management, presented the recommendations of the 28th Board of Studies meeting conducted on June 27, 2024.

The Minutes of the BoS meeting can be accessed [here](#)



Appendix MBA

The Summary and presentation of the BoS Minutes can be accessed [here](#).

Dr. K. Ravishankar, Professor & Head, Department of Management, moved that "the recommendations 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 2024-25", be approved.

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

The Vice Chancellor, placed before the Academic Council to consider and approve the minutes of the Research Advisory Board.

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, presented the minutes of the Research Advisory Board.

The Summary of the Minutes can be accessed [here](#).

- Experts suggested that appointment of "Professor of Practice for Law programme" shall be considered.

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, moved that "the minutes of the Research Advisory Board", be approved.

47.7 To consider and approve the amendments made in Ph.D Regulations (2016, 2021).

The Vice Chancellor, placed before the Academic Council to and approve the amendments made in Ph.D Regulations (2016, 2021).

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, presented the amendments made in Ph.D Regulations (2016, 2021).

The Amendments can be accessed [here](#)



Appendix Amendments

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, moved that "the amendments made in Ph.D Regulations (2016, 2021)", be approved.

C. Items for Ratification**47.8 To ratify the admissions of candidates to Doctoral (Ph.D.) level programmes for Summer Semester of the Academic Year 2024-25.**

The Vice Chancellor, placed before the Academic Council to ratify the admissions of candidates to Doctoral (Ph.D.) level programmes for Summer Semester of the Academic Year 2024-25.

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, presented the admissions of candidates to Doctoral (Ph.D.) level programmes for Summer Semester of the Academic Year 2024-25.

Table 2: Statistics of Ph.D. Admission AY 2024-25 (Summer Semester)

S.No.	Department	Applied	Attended for Exam	Selected in Interview	Provisionally Admitted		
					Full Time	Part Time	Total
Engineering							
1	AERO	8	8	7	2	3	5
2	BIOMEDICAL	3	2	2	1	1	2
3	BIOTECH	10	5	6	4	0	4
4	CIVIL	11	11	5	2	3	5
5	CSE	36	31	24	1	23	24
6	IT	3	2	2	1	0	1
7	ECE	18	16	11	3	3	6
8	EEE	5	5	1	0	0	0
9	MECH	11	9	7	2	3	5
TOTAL (A)		105	89	65	16	36	52
S&H							
10	CHEMISTRY	9	7	7	3	2	5
11	CSE	5	3	3	3	1	4
12	ENGLISH	16	7	11	6	1	7
13	MATHS	28	8	19	7	10	17
14	PHYSICS	16	14	15	9	4	13
TOTAL (B)		74	39	55	28	18	46
MBA							
15	MBA	9	7	3	1	3	4
TOTAL (C)		9	7	3	1	3	4
OVER ALL TOTAL (A+B+C)		188	135	123	45	57	102

- **Dr. Nandagopan** proposed that research scholars could select topics from CVRDE and make use of the laboratory facilities as well.

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, moved that "the admissions of candidates to Doctoral (Ph.D.) level programmes for Summer Semester of the Academic Year 2024-25", be approved.

D. Items for Reporting

47.9 To report the results of the Ph.D. Winter Semester of the Academic Year conducted since last Academic Council held on August 24, 2024.

The Vice Chancellor, placed before the Academic Council to ratify the results of the Ph.D. Winter Semester of the Academic Year examinations conducted since last Academic Council held on August 24, 2024.

Dr. R. Sivaraman, Controller of Examinations, presented the results of the Ph.D. Winter Semester of the Academic Year examinations conducted since last Academic Council held on August 24, 2024.

Ph.D. Winter Semester of the Academic Year completed candidates list can be accessed [here](#)



Appendix Ph.D. Winter Semester of the Academic Year

Dr. R. Sivaraman, Controller of Examinations, moved that "the results of the Ph. D. Winter Semester of the Academic Year examinations conducted since last Academic Council held on August 24, 2024", be reported.

47.10 To record the proceedings of the "14th Convocation" held on September 28 & 29, 2024.

The Vice Chancellor, placed before the Academic Council to record the proceedings of the "14th Convocation" held on September 28 & 29, 2024.

Dr.E. Kannan, Professor & Registrar, presented the proceedings of the "14th Convocation" held on September 28 & 29, 2024.

The Summary can be accessed [here](#).

Dr.E. Kannan, Professor & Registrar, moved that "the proceedings of the "14th Convocation" held on September 28 & 29, 2024", be reported.

47.11 To record the progression and achievements of the following Schools and Divisions:

- a) NEP 2020 - Office of the Dean Academics.
- b) School of Electrical and Communication.
- c) School of Media Technology and Communication.
- d) Office of the R & D.

The Vice Chancellor, placed before the Academic Council to report the NEP - 2020, progression of School of Electrical and Communication, School of Media Technology and Communication and office of R & D and their academic achievements.

a) NEP 2020 - Office of the Dean Academics.

Dr. S. Raju Shanmugam, Professor & Dean Academics, presented the concept note on the adoption of NEP 2020 from the AY 2025-26.

The concept note on the adoption of NEP 2020 from the AY 2025-26 can be accessed [here](#)

- **Dr Rajeev Kumar, Dean - IQAC** suggested to do comparative analysis for Non- Engineering programme with State universities and deemed universities in Tamil Nadu for fixing the 4 years programme.
- **Dr Rajeev Kumar, Dean - IQAC** suggested to do give more clarification about Minor degree (164 credits) is mentioned within the credit structure or addition to that credit structure.
- **Dr R Jegan Raj, Head - Aeronautical Engineering** shared his comments from the BoS, External members recommended that specific names be assigned to Multiple Entry & Multiple Exit (MEME) programs to enhance job opportunities for students from outside.
- **Mr. K. Balaji, External Member** suggested to collaborate with Industries for Lab courses in the upcoming Regulations.

Dr. S. Raju Shanmugam, Professor & Dean Academics, moved that "the concept note on the adoption of NEP 2020 from the AY 2025-26", be recorded.

b) School of Electrical and Communication.

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

The Presentation of the progress can be accessed [here](#).

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

c) School of Media Technology and Communication.

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

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

- **Dr. Nandagopan** suggested to do short documentary film based on the Societal Importance as internship.
- **Dr. Nandagopan** suggested to including the students' achievements in the school's progression presentation.

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

d) Office of R&D.

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

Progression of Office of R&D can be accessed [here](#)

Dr. P. Chandrakumar, Professor & Dean - R&D and Industry Relations, moved the Progression of Office of R&D and the academic achievements", be recorded.

E. Closing

47.12 Any other items with the permission of the Chairperson.

- **Prof. (Dr.) S. Raju**, Professor & Dean Academics, presented the amendment for the Academic Calendar of B.Tech., - (First Year & Department of Biotechnology) and M.B.A (First Year & Higher Semester) due to the NBA Visit, Scheduled to be held on December 20-22, 2024.

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

48th Regular Meeting of the Academic Council is tentatively scheduled in the **Month of February**.

47.14 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.

47.15 Adjournment

The meeting was adjourned at 12.50 PM.





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



DRAFT MINUTES OF THE

24th MEETING OF INTERNAL QUALITY ASSURANCE CELL

Date: 27.11.2024

Time: 02.30 p.m.

Venue: International Conference Hall



**Draft Minutes of the 24th Meeting of
Internal Quality Assurance Cell
Held on 27.11.2024 at 02.30 p.m.
Venue: International Conference Hall**



A. OPENING

24.1 Call to Order

Call to order for the 24th Meeting of Internal Quality Assurance Cell (IQAC) on November 27, 2024.

The Vice Chancellor extended a warm welcome to the IQAC Committee members and shared the key institutional updates from the previous IQAC meeting.

24.2 To record the leave of absence of the members

Of the 25 members, NINE members were absent for the meeting.

Please refer to Appendix 1 (Page No. 8) for the members list.

24.3 Approval of Agenda of 24th Meeting of IQAC

The Agenda of the 24th Meeting of IQAC was approved.

Please refer to Appendix 2 (Page No. 9) for the Agenda.

24.4 To review the action taken on the decisions of the 23rd Meeting of IQAC held on July 13, 2024

Dr. M. Rajeev Kumar, Dean (QA) has presented the Action Taken Report of the 23rd Meeting of IQAC. The observations and action taken is given below:

Item No.	Observation	Action Taken
23.5	To discuss the stakeholders' feedback mechanism and follow-up action for course(s) and curriculum revision	<ul style="list-style-type: none"> • Awareness of Outcome-Based Education (OBE) is provided to students during the Induction-cum-Acquaintance (IcA) program. • The R25 regulation is planned to focus on future technology. • The curriculum will be framed based on the guidelines of NEP 2020.
23.6	To discuss the proposals on best practice(s) to be implemented in the institution for the AY	<p>The following proposed best practices for the AY 2024-25</p> <ul style="list-style-type: none"> • Research and Innovation • Industry and higher Learning Courses taught by Visiting Faculty and Professor of Practice are communicated to the school Deans for

	2024-25	implementation across the institution		
23.7 (a)	To discuss the placement statistics for the AY 2023-24		During the 23rd Meeting of IQAC	Improvement Observed
		Total Students	2236	
		Students enrolled for Placements	1503	
		Students eligible for Placements	1433	
		Students Placed	902	947
		Placement % vs Total Students	40.3 %	42.35 %
		Placement % vs Placement Enrolment	60.01	63.01 %
		Placement % vs Eligibility	62.94 %	66.09 %
23.7 (b)	To discuss the statistics of higher studies for the AY 2023-24		During the 23rd Meeting of IQAC	Improvement Observed
		Aeronautical Engineering	4	9
		Automobile Engineering	2	3
		Biomedical	2	3
		Biotechnology	6	9
		Civil Engineering	2	4
		Computer Science and Engineering	72	116
		Electronics and Communication Engineering	20	34
		Information Technology	2	2
		Mechanical Engineering	2	5
		Physics	2	5
		Chemistry	1	5
		B.Com.	-	9
		Law	-	9
B.Sc.	-	2		

		BBA	-	2
		English	-	1
		Total	115	218

B. ITEMS FOR DISCUSSION AND CONSIDERATION

24.5 To discuss the quantitative metrics consolidated for the AQAR submission for the AY 2023-24

Dr. M. Rajeev Kumar, Dean (QA), presented the consolidated quantitative metrics for AQAR submission, providing a detailed overview of the institution's extended profile and each criterion. He compared the projected scores for AY 2023-24 with the previous year, highlighting progress and areas of concern.

Internships and Industry Collaboration

Dr. A.R. Arvind, Industry Representative, raised concerns about the less number of internships, Dr. P. Chandrakumar, Dean (Industry Relations & TBI), proposed mandating internships in the curriculum and sought support from the Dean (Academics) to motivate students. The Vice Chancellor endorsed these suggestions, emphasizing the importance of internships for institutional growth.

Also, Dr. A.R. Arvind insisted to encourage the faculty members to register as project/ competition evaluators organized under AICTE, UGC etc.

Examination Grievances

Prof. Muttan emphasized the need for action-taken report on grievances and collecting student feedback post re-evaluation to ensure transparency and continuous improvement. Dr. A.R. Arvind recommended distributing evaluated scripts to students before result declaration and robustly automating the examination processes to reduce errors.

Research and Innovation

0.02% of faculty research proposal is identified as a serious concern by the committee members. Dr. P. Chandrakumar, Dean (R&D), highlighted the measures initiated such as introducing Seed Funds and Research Development Funds to incentivize faculty engagement in research. Prof. Muttan emphasized to motivate the faculty and students to involve in interdisciplinary projects. Dr. A.R. Arvind suggested streamlining the documentation and administrative tasks

through automation to facilitate and support faculty members, for improving the publication and patent count. Additionally, Dr. P. Chandrakumar, Dean (R&D), highlighted the allocation of a Seed Fund of Rs. 60 lakh to support faculty in developing research prototypes and publishing in high-impact factor journals. He also mentioned the Research Development Fund (RDF) of Rs. 50 lakh has been provided to the top 75 performing faculty members based on their publication impact factor over the past two consecutive years. These initiatives are expected to enhance faculty engagement and boost research output.

Furthermore, Dr. A.R. Arvind inquired about the status of international patents to foster a stronger patenting culture among students and faculty. Prof. Muttan followed up by asking whether the institution actively encourages faculty and students to secure copyrights. In response, Dr. M. Rajeev Kumar stated that the institution primarily focuses on national-level patents, filed under the institution's name as the inventor, and emphasized that the institution maintains a satisfactory record of patent filings, publications, and grants. Dr. A.R. Arvind suggested establishing an institution affiliated journal for publication with ISSN no.

e-content Development and Skill Enhancement

The committee reviewed e-content development and skill enhancement initiatives to ensure alignment with the curriculum and research priorities. Dr. S. Raju, Dean (Academics) reported the availability of facilities for e-content creation and highlighted ongoing efforts to integrate digital content into the academic framework. Prof. Muttan recommended to incorporate Technology Readiness Levels (TRL) into the curriculum and suggested solving probable GATE/GMAT model questions in every course starting from the first semester. This approach aims to prepare students for competitive exams effectively. Dr. A.R. Arvind proposed adopting a gallery-based e-learning approach to make the content more engaging and visually appealing for students.

Additionally, the committee members enquired about the placement initiatives to improve the placement percentage which is 40.35% for the AY 2023-24. Few initiatives like simulation-based interviews, feedback mechanisms from unsuccessful candidates to identify areas for improvement, communication training and intensive training during semester-break were recommended.

Faculty Financial Support and Student Publications

Dr. A.R. Arvind enquired about the less percentage of faculty members (34.74%) availing financial support despite the institution's readiness to provide assistance. In response, Dr. M. Rajeev Kumar, Dean (QA), highlighted that some faculty members receive excess funding beyond their initially sanctioned amount upon successful completion of their minimum sanctioned amount for research and innovation. The Vice Chancellor acknowledged the issue and requested to sort-out the concern raised.

To address academic outputs, Dr. A.R. Arvind recommended making student publications mandatory for projects, internships, and on-the-job training. He further proposed developing a standard operating procedure (SOP) to institutionalize this process. The Vice Chancellor endorsed the proposal, emphasizing the need to promote in-house publications.

Dr. M.S.R. Mariappan, Dean (SoMGT), shared that the School of Management has already implemented mechanisms to convert internships into publications. Additionally, Dr. A.R. Arvind suggested encouraging students to pursue Project Management certifications to enhance their professional competencies. The recommendations were noted for implementation and further action.

Finally, Prof. Muttan has insisted to include PO attainment of all programmes as agenda item in the forthcoming meetings.

24.6 To discuss the academic initiatives related to NEP 2020 in the proposed R25 regulations

Dr. S. Raju, Dean (Academics), presented the academic initiatives related to NEP 2020 in the proposed R25 regulations. He outlined the current system being followed and discussed how Vel Tech is progressing with preparatory work, using the latest AICTE curriculum as a model.

Prof. Muttan shared insights on NEP 2020 and how it could be effectively implemented by addressing its eight key principles. He also urged the Dean (Academics) to consider these principles seriously before finalizing the regulations and syllabi. He also insisted the need to focus more on the Model Multidisciplinary Education and Research University (MERU). Dr. A.R. Arvind suggested for use simulation-based software to enhance the mathematical

modeling skills of students. Dr. R.S. Valarmathi, Dean SoEC, added that MATLAB is already being practiced in all schools as part of simulation.

24.7 To discuss the activities of the Office of R&D for the year 2024-25

Dr. P. Chandrakumar, Dean (R&D), presented the activities of the Office of R&D for the year 2024-25. Dr. A.R. Arvind inquired about the support provided by the institution to faculty members regarding publication and other related charges. The Dean of R&D confirmed that a policy is in place for faculty, covering testing charges and the Research Development Fund (RDF), which faculty can utilize for any research-related expenses.

Prof. Muttan suggested preparing a five-year research plan and recommended collaborating beyond traditional fields. He emphasized the value of collaborating with sectors such as medical and agriculture and urged identifying leading scientists in various fields for future technology tie-ups.

Dr. A.R. Arvind inquired about the source of future technology and asked whether a roadmap for fundamental research is available. The Vice Chancellor suggested that the Dean (R&D) to present the progress at every IQAC meeting.

24.8 To discuss the status of NBA accreditation: 5 UG and 1 PG programme

Dr. M. Rajeev Kumar, Dean (QA) presented the status of NBA accreditation. Prof. Muttan suggested to presenting attainment of all courses in every meeting.

Dr. M. Rajeev Kumar added the National Board of Accreditation (NBA) Expert Team Visit Scheduled from 20.12.2024 to 22.12.2024 for the following programmes

- B.Tech. Biotechnology
- Master of Business Administration

Also, the National Board of Accreditation (NBA) SAR preparation for the following programmes

- B.Tech. Biomedical Engineering
- B.Tech. Civil Engineering
- B.Tech. Computer Science and Engineering
- B.Tech. Electronics and Communication Engineering

24.9 To discuss the Awards, Rankings Participated/ Received

Dr. M. Rajeev Kumar, Dean (QA), presented the awards and rankings the institution has participated in or received. He provided a comparative analysis of the NIRF Rankings for the years 2022, 2023, and 2024 in the Engineering, Overall, and University categories. He also presented the QS World University Rankings and THE World University Rankings.

Dr. A.R. Arvind inquired about the aspiration level of the institution. Dr. M. Rajeev Kumar confirmed that the goal is to be in the top 50 within the next five years. Prof. Muttan suggested prioritizing the rankings.

C. Closing

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

Dean Quality Assurance requested the chair to include Dr. A. Jayabal (Professor & Dean SCom), as a Member (Senior Administrator) of IQAC and chair has approved the request.

24.11 To consider and approve the date for conducting the next IQAC meeting

The next meeting of IQAC will be during the second week of February 2024.

24.12 To conclude with the Vote of Thanks by Dean (QA)

Dr. M. Rajeev Kumar (DQA) proposed the vote of thanks.

Member Secretary

Chairman

Appendix 1 Members Present/ Absent

1. Prof. Rajat Gupta
Vice Chancellor **Chairperson**
 2. Mrs. Rangarajan Mahalakshmi K.
Chairperson and Managing Trustee **Member**
(Management representation)
 3. Dr. S. Muttan Professor of Eminence,
Centre of Medical Electronics, **Member (Employer**
Department of ECE, College of **representation)**
Engineering, Anna University Guindy
 4. Dr. A. R. Arvind **Member (Industry**
DGM-Engine machining & EV projects, **representation)**
Project Planning, Ashok Leyland Limited,
Chennai
 5. Mr. J. E. Simon, **Member (Local Nominee)**
Station Manager Railways (Retired).
- Senior Administrator**
6. Dr. E. Kannan
Professor & Registrar
 7. Dr. S. Raju
Professor & Dean (Academics)
 8. Dr. P. Chandrakumar,
Professor, Dean (R&D and Industry
Relations & TBI)
 9. Dr. P. Suresh,
Professor & Dean (International
Relations & HRDC)
 10. Dr. P. Vijayaraman,
Dean (Campus to Corporate)
 11. Dr. K. Jagajjanani Rao
Dean (Research Studies)
- Senior Faculty**
12. Dr. R. S. Valarmathi,
Professor & Dean/ SoEC
 13. Dr. M. S. R. Mariyappan,
Professor & Dean/ SoM
 14. Dr. Mathew Alphonse,
Associate Professor (Mech.)
- Member Secretary**
15. Dr. M. Rajeev Kumar,
Dean (Quality Assurance)

Members not attended the meeting.

- Mr. Viswanathan Venkata Subramanian (Employer representation)
- Mr. Ranjith A (VT No. 071) (Alumni Representation)
- Dr. R. Sivaraman (Controller of Examinations)
- Dr. S.P. Chokkalingam (Professor & Dean/ SoC)
- Dr. Gunasekaran (Professor & Dean/ FME)
- Dr. B. Venugopal (Professor & Dean/ SoL)
- Dr. E. Suresh Paul (Professor & Dean/ SoMTC)
- Ms. Pasupuleti Rekha Shanmukhi, (VtU19523) (3rd Year CSE)
- Ms. Sneha Paul. J (VtA1179) (3rd Year B.A. LL.B)

Appendix 2 | Agenda of the 24th Meeting of IQAC



**Vel Tech Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology**
Office of Quality Assurance
**24th MEETING OF INTERNAL QUALITY ASSURANCE
CELL**



Date & Time: 27.11.2024 @ 02.30 pm

Venue: International Conference Hall

Draft Agenda

A. Opening

Item No.		Presenter
24.1	Call to Order	Chair
24.2	To record the leave of absence of the members	Chair
24.3	Approval of the Agenda for the 24 th Meeting of IQAC	Chair
24.4	To review the action taken on the decisions of the 23 rd Meeting of IQAC held on July 13, 2024	Chair

B. Items for Discussion and Consideration

Item No.		Presenter
24.5	To discuss the quantitative metrics consolidated for the AQAR submission for the AY 2023-24	DQA
24.6	To discuss the academic initiatives related to NEP 2020 in the proposed R25 regulations	DA
24.7	To discuss the activities of the Office of R&D for the year 2024-25	DRD
24.8	To discuss the status of NBA accreditation: 5 UG and 1 PG programme	DQA
24.9	To discuss the Awards, Rankings Participated/ Received	DQA

C. Closing

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



**AGENDA & MINUTES OF THE 34th MEETING OF
FINANCE COMMITTEE
on 07.12.2024 (Saturday) at 10.30 a.m.
VENUE : INTERNATIONAL CONFERENCE HALL.**

Item.No	AGENDA ITEM
A. OPENING	
34.1	<i>To inform the Committee about the leave of absence of the members.</i>
34.2	<i>To record the notice of convening 34th Meeting of the Finance Committee scheduled on December 07, 2024.</i>
34.3	<i>To approve and record the Agenda of the 34th Meeting of the Finance Committee scheduled on December 07, 2024.</i>
34.4	<i>To review the action taken on the decisions of the previous meeting held on August 02, 2024.</i>
34.5	<i>To approve and record the minutes of the 33rd meeting of the Finance Committee held on August 02, 2024.</i>
34.6	<i>To approve and record the actual expenditure and committed expenditure for a period from April 01, 2024 to November 30, 2024.</i>
34.7	<i>To discuss and approve the additional budget for construction and renovation work.</i>
34.8	<i>To approve and record the audited Financial Statement FY 2023-24.</i>
34.9	<i>Any other items with the permission of the Chairperson.</i>
34.10	<i>To consider and approve the date for holding the next Finance Committee meeting to be held on March 22, 2025.</i>
VOTE OF THANKS	

MEMBERS

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

Quorum was present.

The meeting was called to order.

The Vice Chancellor welcomed the members who were present.

The Agenda was taken up for discussion.

The Vice Chancellor presided over the meeting.

In his welcome address, the Honourable Chairperson highlighted several significant activities that have taken place since the last meeting held on August 2, 2024. These included the ranking awarded to the institution, notable publications, sports activities, admissions to various programs, and the 14th Convocation held on September 28th and 29th, 2024. Most notably, the Chairperson also mentioned his assumption of charge as the Vice Chancellor of the institution on November 4, 2024.

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

All the members of the Finance Committee were present for the Meeting.

34.2 To record the notice of convening 34th Meeting of the Finance Committee scheduled on December 07, 2024.

A copy of the 34th Finance Committee meeting notice sent to the members by mail is placed at Appendix-A.



A. 34th FCM Notice



RESOLVED to record the notice of convening 34th Meeting of the Finance Committee scheduled on December 07, 2024.

34.3 To approve and record the Agenda of the 34th Meeting of the Finance Committee scheduled on December 07, 2024.

The Agenda of the 34th Finance Committee meeting is given in the page number 1.

RESOLVED to approve and record Agenda of the 34th Meeting of the Finance Committee scheduled on December 07, 2024.

34.4 To review the action taken on the decisions of the previous meeting held on August 02, 2024.

The Action Taken Report on the items of the previous Finance Committee meeting held on August 02, 2024 is given below:

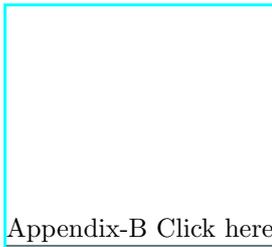
Table1: Action Taken Report

Item.No	Item	Decision Taken	Action Taken
33.8	To approve and record the actual expenditure and committed expenditure for a period from April 01, 2024 to June 30, 2024.	The Actual & Committed expenditures for a period from April 01, 2024 to June 30, 2024. The Finance Officer replied to the Query of the External Member with regard to the considerable balance amount in certain account stating that as it was only the first quarter of the financial year 2024-25, the situation would be monitored in the following quarters.	Recorded in the Minutes.
33.11	To record the status of the Audited Financial Statement for the Financial year 2023-24.	The Finance Officer informed that the audited financial statement for FY 23-24 would be submitted to the Finance committee for approval as soon as it was ready.	The audited financial statement for FY 23-24 is placed under the Agenda item No.34.8 .

RESOLVED to record Action Taken Report on the Agenda items of the previous Finance Committee meeting held on August 02, 2024.

34.5 To approve and record the minutes of the 33rd meeting of the Finance Committee held on August 02, 2024.

A copy of the minutes of the 33rd FC minutes is placed below at Appendix-B.



B. 33rd FCM Minutes



RESOLVED to approve and record the minutes of the 33rd meeting of the Finance Committee held on August 02, 2024.

34.6 To approve and record the actual expenditure and committed expenditure for a period from April 01, 2024 to November 30, 2024.

The details of the actual expenditure and committed expenditure for a period from April 01, 2024 to November 30, 2024 furnished by the Finance Officer are placed at Appendix C.



[Appendix-C Click here](#)



The Finance Officer presented the budget report, which detailed the funds utilized to date across various categories as outlined in the Appendix. In response, the Honourable Chairperson expressed concern about certain expenditure categories where utilization was below 10%. He emphasized the necessity for a more prudent allocation of funds and suggested that underutilized resources should be redirected towards more impactful initiatives specified in the budget.

Prof. P. Natarajan echoed these sentiments, highlighting the importance of closely monitoring both underutilization and overutilization of funds. He insisted that appropriate actions must be taken based on this monitoring to ensure effective financial management and resource optimization.

RESOLVED to approve and record the actual expenditure and committed expenditure for the period from April 01, 2024 to November 30, 2024.

34.7 To discuss and approve the additional budget for construction and renovation work.

The details of the additional budget for construction and renovation work furnished by the Finance Officer are placed at Appendix D.



[Appendix-D Click here](#)



The Honourable Chairperson emphasized the necessity of allocating adequate funds to improve the buildings and infrastructure dedicated to research initiatives, particularly those related to Nidhi-Prayas. This allocation is seen as crucial in recognizing the vital role that strong infrastructure plays in promoting innovation and research excellence. The Honourable Chairperson advocated for a strategic investment approach, highlighting that well-structured infrastructure is essential for maximizing the potential of research initiatives.

Prof P.Natarajan, the External Member opined that the allocation of funds should focus on both immediate needs and long-term strategic goals.

RESOLVED to approve and record the additional budget for construction and renovation work.

34.8 To approve and record the audited Financial Statement FY 2023-24.

The details of the the audited Financial Statement FY 2023-24 furnished by the Finance Officer are placed at Appendix E.



E. Financials F.Y.2023-24



Prof. P.Natarajan inquired about the status of audit queries or objections raised during the auditing process of the accounts. In response, the Finance Officer confirmed that there have been no audit objections or critical reviews throughout the auditing process. The members of the committee expressed their appreciation for the Finance Officer's diligent management of accounting and budgeting practices. This sentiment was echoed by the Honourable Chairperson and other members, who commended the Finance Officer for ensuring transparency and adherence to financial protocols. Their recognition underscores the importance of effective financial oversight in maintaining the integrity of the university's financial operations.

RESOLVED to approve and record the audited Financial Statement FY 2023-24.

34.9 Any other items with the permission of the Chairperson.

Dr. R. Sivraman, the Controller of Examinations proposed to enhance the efficiency, transparency, and user experience in administrative processes by introducing a software for using Mobile Application. This will streamline induction programs for students and staff and facilitate digital acknowledgment of payments and other financial transactions.

Several institutions and organizations have implemented similar digital solutions to streamline administrative processes, including induction programs and financial transactions. Automating these tasks saves time, reduces errors, and integrates with the institution's financial systems, ensuring accurate record-keeping and efficient management of fees, grants, and reimbursements.

RESOLVED to recommend installation software for using Mobile Application and the required server for facilitating an efficient financial management.

Prof. P.Natarajan highlighted that all financial information and relevant documents should be accessible on the official university website. This aligns with the UGC's recent guidelines on public self-disclosure, which mandate that higher education institutions provide comprehensive information to stakeholders.

34.10 To consider and approve the date for holding the next Finance Committee meeting to be held in the month of March 2025.

It has been decided to hold the next Finance Committee meeting tentatively in the last week of March 2025. The exact date and the venue of the meeting will be intimated to the members in advance.

VOTE OF THANKS

The Finance officer expressed sincere thankfulness and gratitude to all the members of the Finance Committee for attending the meeting and sharing their valuable suggestions and inputs and to all the administrative and technical staff for their great support and cooperation in conducting the meeting successfully.



Vel Tech
Rangarajan Dr. Sagunthala
H&D Institute of Science and Technology
(Deemed to be University, End. up 3 of UGC Act, 1992)



61st Meeting of the Executive Council (EC)

Office of the Quality Assurance

Dr. M. Rajeev Kumar, Prof. (CSE) & Dean Quality Assurance

To consider and approve the Annual Quality Assurance Report (AQAR) for the Academic Year 2023-24 for submission to NAAC

Discussion

Extended Profile

Programme

- ❑ No. of Programmes offered during the Year: **39**
- ❑ Number of departments offering academic programmes: **23**

Student

- ❑ Number of students during the year: **11,849**
- ❑ Number of outgoing / final year students during the year: **2,321**
- ❑ Number of students appeared in the University examination during the year: **11,620**
- ❑ Number of revaluation applications during the year: **569**

Discussion

Extended Profile

Academic

- ❑ Number of courses in all Programmes during the year: **1,194**
- ❑ Number of full time teachers during the year: **803**
- ❑ Number of sanctioned posts during the year: **803**

Institution

- ❑ Total number of classrooms and seminar halls: **212**
- ❑ Total number of computers in the campus for academic purpose: **2,525**

Discussion

1.1.3

Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1,194
Courses
(100%)

A

1.2.2

Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

39
Programmes
(100%)

A

1.3.2

Number of value added courses for imparting transferable and life skills offered during the year

86
Courses

A

1.3.3

Total number of students enrolled in the value added courses

15,184
Students

Discussion

1.3.4

Number of students undertaking field projects / research projects / internships during the year

4,280
Students

A

1.4.1

Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

A

Students, Teachers, Employers and Alumni

1.4.2

Feedback processes of the institution

A

Feedback collected, analyzed, action taken & communicated to relevant body and feedback hosted on the institutional website

Discussion

2.2.2

Student - Full time teacher ratio during the year

14.76 : 1

A

2.4.1

Total Number of full time teachers against sanctioned posts during the year

803

A

2.4.2

Total Number of full time teachers with PhD/ DM/ MCh/ DNB Superspeciality/ DSc/ D'Lit during the year

538
(67%)

C

408
(54.18%)

D

2.4.3

Total teaching experience of full time teachers in the same institution during the year

3.86 Years

B

4.32
Years

B

Discussion

2.5.1

Number of days from the date of last semester-end/ year-end examination till the declaration of results during the year

12 days

A

2.5.2

Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

569
< 1 %

A

2.5.4

Status of automation of Examination division along with approved Examination Manual

100 %

A

2.6.3

Number of students passed during the year

91.60%
2,126/2,321

A

Discussion

2.7.1

Conducted,
Analyzed, Report
hosted in
Institution website

Student Satisfaction
Survey (SSS) on
overall institutional
performance

3.1.6

10

6

Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

3.1.2

The institution provides seed money to its teachers for research

Rs. 33.67 L

C

Rs. 29.22 L

D

3.1.4

Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

9

E

13

E

Discussion

3.2.1

Extramural funding for Research (Grants sponsored by the nongovernment sources) during the year

Rs. 1.6 L

0

A

C

3.2.2

Grants for research projects sponsored by the government agencies during the year

Rs. 614.95 L

Rs. 205.18 L

3.2.3

Number of research projects per teacher funded by government and non-government agencies during the year

15/803
0.02

E

3.3.2

Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

192

Discussion

3.4.1

The institution ensures implementation of its stated Code of Ethics for research)

Yes

A

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

3.4.3

Number of Patents published/awarded during the year

102

A

3.4.5

Number of research papers per teacher in the Journals notified on UGC website during the year

2:1

A

Discussion

3.4.6

Number of books and chapters in edited volumes published per teacher during the year

2:1

A

3.5.2

Revenue generated from consultancy and corporate training during the year

Rs. 71.31
Lakh

A

3.7.2

Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

33

A

3.7.1

Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

100+

Discussion

4.3.3 Student - Computer ratio during the year

4:1

A

4.3.5 Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A

1. Audio visual center, mixing equipment, editing facilities center and Media Studio
2. Lecture Capturing System(LCS)
3. Central Instrumentation Centre
4. Museum
5. Business Lab
6. Research/statistical database
7. Moot court
8. Theatre
9. Any other facilities to support research

Discussion

5.2.1

Number of students qualifying in state/ national/ international level examinations during the year (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/ State government examinations)

12.62 %
(293/2,321)

A

5.2.2

Total number of placement of outgoing students during the year

40.80 %
(947/2,321)

D

54.37 %
(1469/ 2702)

C

5.2.3

Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

16.29 %
(378/2,321)

D

10.05 %
(285/2,837)

D

4.3.4

Available bandwidth of internet connection in the Institution

3.5 Gbps

Discussion

5.3.1

Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter - university/state/national/international events

21

A

5.3.3

Number of sports and cultural events / competitions organised by the institution during the year

16

A

5.4.2

Alumni contribution during the year

**Rs. 14.25
Lakh**

B

Rs. 5 Lakh

C

Discussion

6.2.3

Institution Implements e-governance in its areas of operations

A

- Administration
- Finance and Accounts
- Student Admission and Support
- Examinations

6.3.2

Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

34.74 %
(275/803)

C

19.39 %
(146/753)

D

Discussion

6.3.3

Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

34

6.3.4

Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the year

49.44%
(397/803)

B

58.57 %
(441/753)

B

7.1.2

The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Discussion

7.1.4

Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A

1. Rainwater harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Wastewater recycling
5. Maintenance of water bodies and distribution system in the campus

7.1.6

Quality audits on environment and energy are regularly undertaken by the institution

A

1. Green audit /Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion and sustainability activities

Discussion

7.1.10

The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard

A

1. The institutional Code of Conduct principles are displayed on the website
2. There is a committee to monitor adherence to the institutional Code of Conduct principles
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Quality means doing it right when no one is looking

Thank You!



61st EXECUTIVE COUNCIL MEETING
on 28.12.2024

To discuss the activities of the Office of Industry Relations during the Academic Year 2023-24 and their proposed activities for the Academic Year 2024-25.

List of Activities

- Specialized Credit Course
- Short Term Internship (In Plant Training)
- Major Project / Internship
- Minor Project Guidance
- Students Industry Visit
- Events
- Value Added Courses / Workshop
- Professor of Practice
- Problem Based Learning
- Memorandum of Understanding
- Industry Collaborated Laboratories
- Faculty Training at Industry
- Faculty Development Program by Industry experts
- Executive Development Programme for Industry Professionals
- Industry Consultancy
- Curriculum revision on inputs from industries

Courses Offered by Industry Experts

Industry Experts were invited for Specialized Credit Courses on Emerging Technologies

Students has the option to choose any one course in their 5th and 6th semester.

Course content framed, delivered and assessed by industry experts

As per the regulation VTU R21 7.2.6.3, Up to 2 credits can be earned through credit course

Year	No. of Courses	No of Students
2023-2024	18	724
2024-2025*	22	1167

NBA - 2.8. Initiatives for Enhancing Industry Institute Interaction (15)

NAAC – 1.1.3. Number of courses having focus on employability/ entrepreneurship/ skill development year wise during the last five years (10)

NAAC - 3.7.1 Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students per year (10)

NAAC - Capacity development and skills enhancement initiatives are taken by the institution - Awareness of trends in technology (5)

Short Term Internship (In Plant Training)

- In Plant Trainings are arranged for students in Industries / Research Laboratories once after the completion of 4th Semester
- Students has to record the daily activities at Industry and submit the report at the completion of training.
- A committee framed by the Department and IR Office will review those reports
- As per the regulation VTU R21 7.2.6.2, Up to 2 credits can be earned from Summer Internship

Year	No. of Industries	No of Students
2023-2024	85	536
2024-2025	45	426

- NBA - 2.3. Internship and Industrial Training (10)
- NAAC – 1.3.4 Percentage of students undertaking field projects / research projects / internships (5)
- NAAC - 3.7.1 Number of collaborative activities with other institutions/ research establishment/ industry for research and academic development of faculty and students per year (10)

Major Project / Internship (AY 2023-24)

- As per the Academic Regulations VTU R21 7.2.5.3, students were eligible to undergo major project / internship at the relevant industry for a period of up to 9 months and can earn 9 credits.
- Faculty can guide industry projects in coordination with industry experts. This will widen the subject knowledge and exposure to current industry practices.

Year	No of Companies	No of Students Earned Credit
2023-2024	90	261
2024-2025*	82	191

- NBA - Strategies for Solving Complex Engineering Problems Incorporating Sustainability Goals (20)
- NAAC – 1.3.4 Percentage of students undertaking field projects / research projects / internships (5)
- NAAC - 3.7.1 Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students per year (10)
- NAAC - 3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research (10)

Minor Project Guidance

- As per the Academic Regulations VTU R21 7.2.5.2, students has the opportunity to choose minor projects guided by Industry Experts for a period of 4 months and can earn 2 credits.
- The experts will float real time industrial or Societal problems as project work and handhold the students towards the optimal solution.

Year	No of Experts	No of Projects	No of Students
2023-2024	6	72	216
2024-2025*	3	30	90

- NBA - Strategies for Solving Complex Engineering Problems Incorporating Sustainability Goals (20)
- NAAC – 1.3.4 Percentage of students undertaking field projects / research projects / internships (5)
- NAAC - 3.7.1 Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students per year (10)
- NAAC - 3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research (10)

Students Industry Visit

- Corporate tour has a huge gravity in the B. Tech program which aimed in introducing engineering culture and its ecosystem to engineering students.
- The prime motto of this corporate tour is to provide an insight regarding internal working hierarchy of companies also it gives practical perspectives of work places."

Year	No. of Tour	No. of Students
2023 - 2024	15	610
2024- 2025*	15	1024



Memorandum of Understanding

Office of Industry Relations travel all over India to connect with various industries for students training, Internship / Projects, & delivering lectures through Industry Experts.

Year	No. of Functional MoU'S	MOU Signed
2023 - 2024	36	14
2024- 2025*	39	23



Project Work at Research Labs (AY 2024-25)

Dr.Sagunthala Rangarajan Memorial Award for Research and Product Development – Focused to provide students under the centers at Research Park to promote the product development and make students to learn along with Research faculty members to have publications, patent etc.

Currently 7 Centers with 23 students opted for it. Its throughout the year and student whenever completed the assigned project will be provided the credit transfer through Office of Industry Relation.

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Established in 1984

NAAC
A++

Approved by UGC
CATEGORY 1
GRANTS TO BE UNIVERSITY

Office of Industry Relations
Happy to Launch New Award Scheme

Smt. Dr. Sagunthala Rangarajan Memorial Award for Research and Product Development

With the Blessings of

Col. Prof. Vel Dr. R. Rangarajan
Founder President & Chancellor

Dr. Sagunthala Rangarajan
Foundress President

Dr. Mahalakshmi Rangarajan
Chairperson and Managing Trustee

Prof. S. Sathivanan
Vice Chancellor

Prof. Dr. E. Kannan
Registrar

School of Computing (AY 2024-25)

S.No	Industry Name	Location	VTU Department	VTU School	Students Allocated
1	Velozity Global solutions India pvt ltd	Bangalore	CSE	SOC	6
2	AVADI POLICE COMMISSIONERATE	Chennai	CSE-CS	SOC	2
3	APPLITECH INFOTECH	AHAMEDABAD	CSE(AI&ML),CSE,AI &DS	SOC	5
4	DELA SOFT PVT LTD	HYEDARABAD	CSE, AI&DS	SOC	4
5	1STOP.AI	BANGALORE	CSE	SOC	3
6	CSIR	Chennai	CSE	SOC	3
7	DreamForce Technologies Pvt Ltd	Bangalore	CSE	SOC	1
8	Slashmark IT Solutions	KARIM NAGAR	CSE-AI ML	SOC	1
9	Gnarus Solutions	Bangalore	AI & DS	SOC	6
10	HERESY INFOTECH	HYEDARABAD	CSE	SOC	6
11	Infinity connects Media	VIZAG	CSE	SOC	5

School of Computing (AY 2024-25)

S.No	Industry Name	Location	VTU Department	VTU School	Students Allocated
12	The Indian Space Research Organisation	HYEDARABAD	CSE	SOC	5
13	JAIISHNAVINNOVATION	Bangalore	CSE	SOC	9
14	National Atmospheric Research Laboratory	Tirupathi	CSE(AI&ML)	SOC	3
15	Next click Info solutions	HYEDARABAD	CSE	SOC	6
16	National Institute of Ocean Technology	Chennai	CSE	SOC	4
17	Teradata Corporation	HYEDARABAD	CSE	SOC	2
18	Payswiff Solutions Pvt Ltd	HYEDARABAD	CSE	SOC	6
19	Ran Global Auto Engineering pvt ltd	Chennai	CSE	SOC	2
20	TRIOS TECHNOLOGIES PRIVATE LTD	HYEDARABAD	CSE(AI&ML)	SOC	3
21	Worthit Consultancy Services Private limited	HYEDARABAD	CSE	SOC	2

School of Electrical and Communication (AY2024-25)

S.No	Industry Name	Location	VTU Department	VTU School	Students Allocated
1	MSN Labs	Hyderabad	Biotechnology	SoEC	2
2	Rapture Biotech	Hyderabad	Biotechnology	SoEC	3
3	Astrozeneca	Banglore	Biotechnology	SoEC	1
4	Payswiff	Hyderabad	ECE	SoEC	3
5	Variturn Electro Products Pvt Ltd,	Hyderabad	ECE	SoEC	3
6	ICAR-CIARI	Andaman Nicobar	Biotechnology	SoEC	1
7	ICMR-PORT BLAIR REGION	Andaman Nicobar	Biotechnology	SoEC	2
8	Tavago tech Pvt Ltd	chennai	ECE	SoEC	1
9	Buddi AI Pvt Ltd	Madurai	ECE	SoEC	1
10	Excel RF Technologies Pvt Ltd	Hyderabad	ECE	SoEC	1
11	ICMR-NIN	Hyderabad	Biotechnology	SoEC	1

School of Mechanical and Construction (AY 2024-25)

S.No	Industry Name	Location	VTU Department	VTU School	Students Allocated
1	Tata Advanced System	Hyderabad	Aeronautical	SoMC	2
2	DRDO, DRDL	Hyderabad	Aeronautical	SoMC	1
3	Ucal Fuel System	Chennai	Aeronautical	SoMC	1
4	Sundaram Fastners	Chennai	Mechanical	SoMC	2
5	ARAI	Pune	Mechanical	SoMC	1
6	Yali Aerospace	Tanjore	Aeronautical	SoMC	1
7	Mangalam Consultancy Service	Hyderabad	Civil	SoMC	1
8	Andaman Public Works Department	Andaman Nicobars Island	Civil	SoMC	1
9	Engineers India Ltd	Haryana	Civil	SoMC	1

Events Planned

- **VISAI** International Project Competition in collaboration with UNESCO on Sustainable Development Goals / Hackathon on Industry Problem Statements
- Around 150 teams from Different parts of the country participate in the event
- **Industry Tech Talks will be** organized to foster Industry Relations with Leading Industries – Department / School wise

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Approved to be Category 1 by UGC, 2016)

INSTITUTION'S INNOVATION COUNCIL
UNESCO

NAAC
ACCREDITED
A++

UGC
Approved to be **CATEGORY 1**
BOARD OF UNIVERSITY
By the
UGC

VISAI Proceedings
ISSN: 978-93-82090-82-9

VISAI 2025

15th International Project Competition & Exhibition
24th February 2025

Invite student Project under the following two categories

SDG Projects on any theme

6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND

Hackathon Projects
Problem Statements given by Industries as student projects

Who can apply?
Students pursuing Diploma, Engineering, Arts & Science

WIN CASH PRIZE MONEY WORTH OF ₹ 2.5 LAKH

SCAN HERE TO REGISTER

Last Date for Submission of Abstract & Payment: **15th January 2025**
Students not to win till last date as we may restrict total number of participating teams

For more details:
www.veltech.edu.in/VISAI2025
+91 - 8954484202, +91 - 8954484203,
+91 - 8954484207, +91 - 7330747795
info@veltech.edu.in

Tollfree: **1800 212 7669**
Website: www.veltech.edu.in

No: 42, Avadi - Vel Tech Road, Vel Nagar, Avadi, Chennai - 600 062

Events Organized

Vel Tech signed MoU with Edunet Foundation and launched its first program on Green and AI Skills Program under the CSR initiatives of Shell and Edunet Foundation to B. Tech 3rd year students from School of Computing. 187 students registered and participating in this course.

This course is scheduled from 18th to 24th December covering the following topics:

- Introduction to Green Skilling and AI Learning
- Python and Data Visualisation for Environmental Applications
- Applying Machine Learning in Environmental Monitoring
- Deep Learning and Gen AI for Sustainable Solutions
- AI Ethics, Fairness and Sustainability



IEEE Sponsored Workshop - Organized by IoT centre

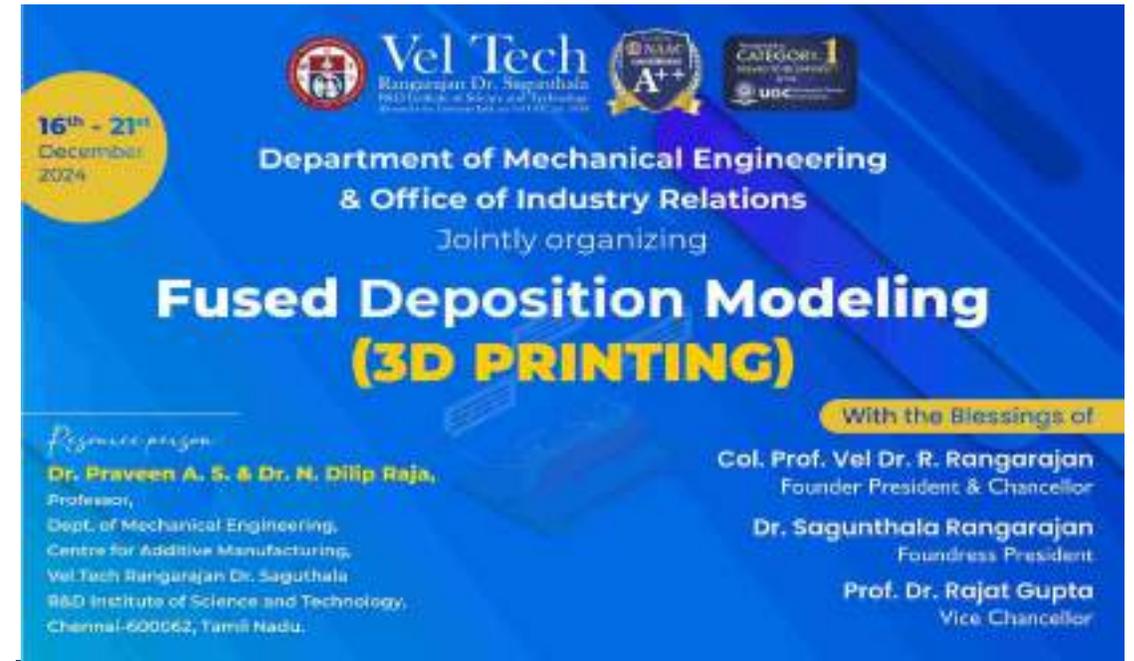
The program is organized by the School of Electrical and Communication, Department of Electronics and Communication Engineering, in collaboration with the IEEE Student Branch Vel Tech, IEEE Industrial Electronics Society Student Branch Chapter, and the ZF Vel Tech Centre of Excellence for IoT and Smart Factory Initiatives.

This initiative will provide hands-on training in IoT and Deep Learning for Industry 4.0, with expert sessions from industry leaders such as **Ashok Leyland, TAFE, Wheels India Ltd, and ZF Commercial Vehicle Systems.**



Events organized

Fused Deposition Modelling (3D Printing) Vel Tech Mechanical Engineering Department and Vel Tech - Industry Relations at Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science & Technology, Chennai are excited to offer this unique opportunity to 15 Mechanical Engineering students



The poster is for an event titled "Fused Deposition Modeling (3D PRINTING)" organized by the Department of Mechanical Engineering and Office of Industry Relations at Vel Tech. It features logos for Vel Tech, NAAC A++ accreditation, and UGC Category 1. The event dates are 16th - 21st December 2024. It lists the resource person as Dr. Praveen A. S. & Dr. N. Dilip Raja, and mentions the blessings of Col. Prof. Vel Dr. R. Rangarajan, Dr. Sagunthala Rangarajan, and Prof. Dr. Rajat Gupta.

16th - 21st
December
2024

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Chennai - 600062, Tamil Nadu

Department of Mechanical Engineering
& Office of Industry Relations
Jointly organizing

**Fused Deposition Modeling
(3D PRINTING)**

With the Blessings of

Dr. Praveen A. S. & Dr. N. Dilip Raja,
Professor,
Dept. of Mechanical Engineering,
Centre for Additive Manufacturing,
Vel Tech Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology,
Chennai-600062, Tamil Nadu.

Col. Prof. Vel Dr. R. Rangarajan
Founder President & Chancellor

Dr. Sagunthala Rangarajan
Foundress President

Prof. Dr. Rajat Gupta
Vice Chancellor



We invite Industry experts as Professor of Practice for the following outcomes

For Students (Minor Projects / Ideation Process):

- Student Publications
- Submission of IPR / Patent
- Working Models / Prototypes on Industry Specific Problems

For Faculty

- Research Guidance
- Consultancy Projects

Present Professor of Practice from Leading Industries/ Research Institutes

S.No.	Faculty Name	Designation	Industry/ Research Institution
1	Mr. Suresh Kayambo	Vice President & Group Working Head	Renault Nissan
2	Dr. A. R. Aravind	DGM – Project Planning	Ashok Leyland
3	Dr.Tata Sudhakar	Retd. Head Ocean Electronics	NIOT
4	Mr.Kartheeban .V.	DGM Corporate QMS	Turbo Energy Private Limited
5	Mr.V.Sridharan	Associate Vice President	GlobalLogic, a Hitachi Group Company
6	Dr. N. Puviarasan	Director Sc. 'E'	Regional Meteorological Centre
7	Mr.Sandeep Shroff	Founder & CEO	Auto Intel services
8	Dr.Kumaravel R	Managing Director	Deutsche WindGuard India
9	Mr. S. Anil Kumar Sandrapuri	Associate Director - IT/Cloud Consulting	Kyndryl
10	Mr. Saurabh Mandal	Scientist E	CAIR - DRDO
11	Ms.P.Vijayalakshmi	Scientist (RTD)	ISRO SHAR

Industry Collaborated Laboratories

- Centre of Excellence on IoT & Smart Factory Initiatives
- High Speed Bearing Testing Facility (GTRE, DRDO)
- Engine Testing Facility (AL / TAFE / Greaves Cotton)
- Centre for Battery Technology with Wish Energy Limited (Wind Turbine / Solar Panels)
- NABL Accredited Lab for Concrete Testing
- Vel Tech - FUSO Glass R&D Centre (under process)
- Isuzu Motors / Vel Tech CoE on Engine (under process)

Faculty Training at Industry

- Office of Industry Relations circulates various industrial training programs through HoDs and Deans
- Faculty can express their interest for such trainings. Travel expenses will be taken care by the Office of Industry Relations
- NBA - 6.1.7. Faculty Internship/Training/ Collaboration with Industry (10)
- NAAC – 6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes) (8)
- Office of Industry Relations identify Consultancy opportunities at Industry and connect them with our faculty based on the expertise matching.
- Incentives are given for taking such consultancy projects.
- NBA - 6.2.4. Faculty as consultant of the industries (15)
- NIRF – 2D Consultancy Funding(CF) (5)
- NAAC - Revenue generated from consultancy and corporate training (15)

S.No	Name of Program	Organization	Name of the faculty	Dates
1	Training Programme on Geospatial Technologies & Applications	National Remote Sensing Centre, Hyderabad	Dr. M.S. Muralidhar, Associate Professor, CSE Dr. Angeline Lydia, Associate Professor, CSE	1 - 5 Jul 2024
2	Hyper spectral Imaging	National Remote Sensing Centre, Hyderabad	Dr. T. Kamaleshwar, Associate Professor, CSE Dr. D. Sundaranarayana, Associate Professor, CSE Dr. S. Vinson Joshua, Associate Professor, ECE	22-26 Jul 2024

Executive Development Programme

- Faculty can utilize their expertise in training industry professionals on specific area of his/her expertise.
- This will give more visibility to the faculty in the corporate world
- NIRF - Executive Development Program(EDP) (5)

S.No	Event Date	Event Name	Participants	No of Participants
1	20-05-2023	Introduction to AI with No Code Environments	Employees from Delphi TVS	16
2	14-09-2023			26
3	15, 16 & 17 Feb 2024	IoT & Automation for Industry 4.0	Ashok Leyland employees	17
4	14 – 16 Sep 2023	IoT & Automation for Industry 4.0	ZF Commercial Vehicles Systems	20
5	Sep 2023	Design & Animation	Employees from Delphi TVS	3

NDT Activities - 2024

- 1** Artificial Intelligence In Non-Destructive Testing (AI NDT)

Organized
One Day Workshop
March 11,2024
- 2** Hands on Training on Non-Destructive Testing
VelTech-MultiTech_Mech

Conducted
Five Day Value Added Course
May 07 to 11,2024
- 3** Indian Society for Non-Destructive Testing (ISNT)
Cooperate Member

Participated
ISNT Meetings
- 4** NDT Awareness Programme
Faculty and student Visit

Coordinated
IIT Madras Visit
RP & CNDE
Aug 20,2024
- 5** Exploring Non-Destructive Testing: Core Concepts and Practical Approaches
With - ISNT

Jointly Organized
Two Day Workshop
Sept 02 & 03,2024
- 6** 34th National Conference and Exhibition (NDE-2024)
Chennai Trade Centre
Dec 11 to 14,2024

Co- Host
A Special Student Session
Dec 13,2024

One Day Workshop On “Artificial Intelligence In Non-Destructive Testing (AI NDT)”

- Date: March 11, 2024
- No. of Participant: 94
- Resource Person: **Dr. Oswald C**
Assistant Professor,
Dept. of Computer Science and Engineering
National Institute of Technology, Tiruchirappalli

Session Details:

#Session	Time	Title
1	9.30 am – 11 am	AI in Non-Destructive Testing – Motivation and Applications
Break		
2	11.15 am – 12.45 pm	Machine Learning: An AI Tool for NDT – Techniques and Trends
Lunch		
3	2 pm – 3.15 pm	Numpy, Pandas and Python scikit-learn – A hands-on Approach
Break		
4	3.30 pm – 4.30 pm	Project Demo: Machine Learning based Predictive Maintenance of Machines



Five Days Value Added Course On “Hands on Training on Non- Destructive Testing”

- Date: May 07 to 11, 2024
- No. of Participant: 59



5 days NDT Awareness Programme – Schedule.

	8.30 am to 9.45 am		10.15 am -11.30 am		1.00 pm – 3.15 pm
Day1 May 07,2024 Tuesday	Welcome & Introduction to NDT Dr. Joseph J Kakkassery/ Dr. M Arun Prasad		Visual Testing (VT) & Liquid Penetrant Testing (PT) Dr. M Arun Prasad		Hands-on Session: Liquid Penetrant Testing (PT) Dr. M Arun Prasad
Day2 May 08,2024 Wednesday	Basic Physics and Materials Properties Relevant to NDT Dr. Prameela Potlakayala		Magnetic Particle Testing (MT): Principles and Techniques Dr. Prameela Potlakayala		Hands-on Session: Conducting Magnetic Particle Inspections Dr. Prameela Potlakayala
Day3 May 09,2024 Thursday	Introduction to Ultrasonic Testing (UT): Theory and Applications Dr. Joseph J Kakkassery	Break	Practical Demonstration: Ultrasonic Testing Equipment Overview and Operation Dr. G . Dharmaligum	Break	Practical Demonstration: Conducting Ultrasonic Inspections Dr. G. Dharmaligum
Day4 May 10,2024 Friday	Eddy Current Testing (ET): Fundamentals and Applications Dr R Gowri Shankar Rao		Practical Demonstration: Eddy Current Testing Equipment Overview and Operation Dr R Gowri Shankar Rao		Practical Demonstration: Conducting Eddy Current Testing Dr R Gowri Shankar Rao
Day5 May 11,2024 Saturday	Radiographic Testing (RT): Basics and Safety Considerations Hands-on Session: Radiographic Image Interpretation Dr. Joseph J Kakkassery		Practical Demonstration: Conducting Ultrasonic Inspections Dr. Joseph J Kakkassery		Recap of NDT Methods Covered Q&A Session and Discussion on Career Paths in NDT Dr. Joseph J Kakkassery/ Dr R Gowri Shankar Rao



Vel Tech Multi Tech
Dr. Rangarajan Dr. Sakunthala Engineering College
An Autonomous Institution

**DEPARTMENT OF
MECHANICAL ENGINEERING**

ORGANIZES
VALUE ADDED COURSE
on
**HANDS - ON - TRAINING ON NON-DESTRUCTIVE
TESTING**

Conducted by :
Vel Tech - TBI, Chennai.

Date (s):
07.05.2024 to 11.05.2024
Venue:
Dr. APJ AbdulKalam hall

IIT Madras Visit

Research Park & Center for Nondestructive Evaluation (CNDE)

- Date: August 20, 2024
- No. of Participant: 27
- Faculties: 23
- Students: 04



34th National Conference and Exhibition (NDE-2024)

1000+ Delegates and 80+ Exhibitors. – 12 to 14 Dec,2024

- Date: December 13, 2024
- Co-Host Special Student Session
- 400 students- from various Institute Participated.
- Paper presented



NDT Activities – 2025- Q1

- **Training Programme**

- **Internship Opportunities**

- Planys Technologies (JD provided)
- XYMA Analytics
- TeraLumen Solutions Pvt Ltd
- Precision Equipments
- Dhvani Research & Development Solutions

- **Lab Collaborations**

- National Aerospace Laboratories, Bengaluru (CSIR-NAL)
- Centre for Non-destructive Evaluation (CNDE), IIT Madras



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



Centre of Excellence for IoT & Smart Factory Initiatives

- Inaugurated by
- Shri.P Kaniappan, Managing Director,
- ZF Commercial Vehicles and Control Systems
- India Limited
- on 23rd March 2023.





Outcomes



Outcomes	Count
Product Design	6+
Internships	54+
Workshops	195+
Faculty Training	4+ Research Scholars and 10+ PhD
Industry Employees Training	28 + -- ZF, Ashok Leyland, K-Lite
Projects	3+ Delivered projects to industry



Product Designed Vs Product Delivered

S.No	Product Designed	Product Delivered
1	Single Phase Energy Meter -ADE7753	AL
2	Three Phase Energy Meter - ADE7758	TBI
3	Cold Storage Monitoring	ZF
4	Autonomous Mobile Robots	ZF*
5	Asset Monitoring	AL*

* Under Testing

List of the Consultancy Works Managed by Centre for IoT & Smart Factory Initiatives

Single Phase Energy Meter

Single Phase Energy meter capable for monitoring Voltage, Current, Power Factor, Real and reactive power.

Easy Installation

Industry 4.0 Dashboard, web app and Android application

Easy report generation and auto mail on high current events

Ashok Leyland, Ennore



Three Phase Energy Meter

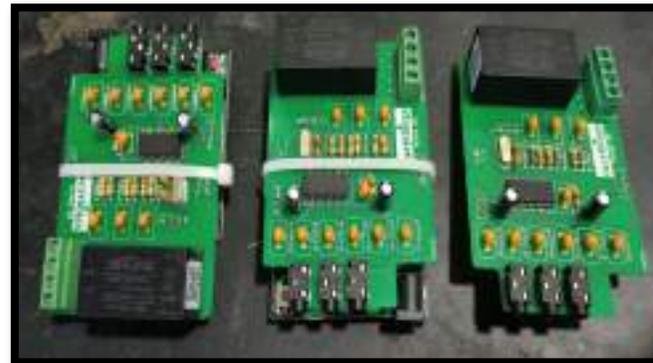
Three Phase Energy meter capable for monitoring Voltage, Current, Power Factor, Real and reactive power.

Easy Installation

Industry 4.0 Dashboard, web app and Android application

Easy report generation and auto mail on high current events

Ashok Leyland, Ennore



Drop counting Measurement

Number of oil drops in corrugation is more important.

Easy installation

Drops live count with Industry 4.0 dashboard.

Alarms for oil outage and continuous lubrication monitoring

Madras Hydraulic Hose, Gummidipoondi



Revenues Generation through Consultancy FY 2023-24

Name of the consultant	Name of consultancy project	Consulting/Sponsoring agency with contact details	Revenue generated (INR in Lakhs)
Dr. Harisivasri Phanindra K	Safety Audits for NACL Industries Limited (Unit 1 & Unit 2)	Dr. Sudhirkumar Rameshchandra Mittal EHS & Fire Safety Consultant, Hyderabad	25,000
Dr. Harisivasri Phanindra K	CIPLA-Bangalore	M/s. NILE TECHNICAL SKILL AND CONSULTING PVT LTD, 361/3, Pillaiyar Kovil St, Raghavendra Nagar, Thandalam, Tamil Nadu 600128	10,000
Dr. Harisivasri Phanindra K	Safety Audits for Amara Raja Batteries Limited	M/s. Varanga Engineers Pvt. Ltd., Kothapet, Hyderabad-500035	41,300
Dr. Harisivasri Phanindra K	Safety Audits for Asian Paints Limited	M/s. Varanga Engineers Pvt. Ltd., Kothapet, Hyderabad-500035	29,500
Dr. Harisivasri Phanindra K	Safety Audits for SLR Pharma Limited	M/s. Varanga Engineers Pvt. Ltd., Kothapet, Hyderabad-500035	23,600
Dr. Jaiswal / Dr. Joseph / Mr. Vishnu Kumar	Aviation generator Prototype testing in High speed test facility	M/s. GE India Industrial Pvt. Ltd. GEIPL, 122 EPIP Phase 2, Hoodi Village, Whitefield Road, EPIP, Bangalore.	17,70,000
DR. G. Kumar & Mr. S. Baskar	BOUNDARY MARKING	M/s. Upscale Interior, Kamaraj Nagar, Avadi, Tamil Nadu 600071	5,900
Mr. S. Baskar & DR. G. Kumar	SITE INVESTIGATION REPORT	M/s. RR Groups, 43CV+4VF, Anna St, Gandhi Nagar, Avadi, Tamil Nadu 600054	10,000
Dr. Ravikumar	Biomethane Potential Analysis of Pressmud	M/s. LEAFINITI BIOENERGY PVT LTD, Sy 152, Albal road, Mygur, Hipparagi, Jamkhandi, Karnataka 587119	37,800
Mr. S. Baskar	SITE INVESTIGATION REPORT	M/s. MCB Developers, AI Block, A1 - 16, Old No. 100 D, 4th Avenue, Shanthi Colony, Anna Nagar, Chennai- 600040.	8,300
Dr. C. A. Arun	IoT Enabled Body Parameter Monitoring	M/s. Pentagon Rugged Systems India Pvt Ltd, 502, SAFA Apartment, Redhills, Hyderabad, Telangana 500004	2,36,000
Dr.K.Ravishankar / Dr.MSR.Mariyappan	Analysis of E-waste in service centre & commercial establishments and households in chennai region	Green Era Recyclers, 91/1b, bodipalayam, Seerapalayam, Tamil Nadu 641032	2,36,000

Revenues Generation through Consultancy FY 2023-24

Dr.V.Balaji	EXPLORING ALTERNATIVE POLYMERS FOR BIOMEDICAL 3D PRINTING	M/s. RP3D Products LLP, 400 Feet Outer Ring Rd, Avadi, New Vellanur, Tamil Nadu 600062	2,36,000
Dr.T.Vaishnavi / Dr.P.Kalpana Devi	Firmware Development for VR Device	M/s. Square Comp Solutions, 400 Feet Outer Ring Rd, Avadi, New Vellanur, Tamil Nadu 600062	1,18,000
Dr. Madeshwari Ezhilan	Basics of Bio-Cellulose for wound dressing and its available characterization technique in order to measure artificial wound healing, shelf life and moisture vapour transmission rate	M/s. Ardor Biomed India PVT LTD, Unit no 9, sakthi industrial estate, Pollachi - Udumalpet Rd, Vadivu Nagar, Pollachi, Tamil Nadu 642003	1,18,000
Dr. Venkatasudhakar	CNC Programming for WDEM Machine	M/s. Sarshan Autokraft, 47 A Ramya Apartment, North Thirumalai Nagar, Villivakkam, Chennai, Tamil Nadu 600049	2,36,000
Mr. Udhaya Kumar	Testing of Brick Samples	M/s. BSDR ENGINEERING PRIVATE LIMITED , No. 9,13th Cross Street,Thiruvalluvar Nagar, Kodungayur,Chennai-600118.	11,682
Dr. Kandasamy	Geopolymer Concrete Paver Block Testing	Professor-Department of Civil Engineering, Sri Vidhya College of Engineering and Technology, Virudhunagar - 626005	1,003
Dr. Sai Prasanna	Multi Layer(Iridium Rhenium) Thermal Coating on C-C Composites	M/s. Vikram Sarabhai Space Centre Thiruvananthapuram, Kerala	2,36,000
Dr. Harisivasri Phanindra K	Ergonomic Study for Jesons Industries Pvt. Ltd [14th and 15th September 2023]	M/s. Dhanur Safety Hub Private Limited, Marutham Prestige, Block A, AF1,Bharathidasan Nagar, West Tambaram, Chennai – 600045	14,000
Dr. Harisivasri Phanindra K	HAZOP for Jesons Industries Pvt. Ltd [20th September 2023]	M/s. Dhanur Safety Hub Private Limited, Marutham Prestige, Block A, AF1,Bharathidasan Nagar, West Tambaram, Chennai – 600045	10,000
Dr. Harisivasri Phanindra K	Hazop training for NAACL	M/s. Green Vision Consultancy, SF -302 19-27-22/9, Sri Sai Maruti Residency, Gandhi Nagar, Pedagantyada, Visakhapatnam- 540045	30,000
Dr. Prasanna	Graphene Coating on DIA 350 CFRP Sandwich Paraboloid Specimens	M/s. Vikram Sarabhai Space Centre Thiruvananthapuram, Kerala	2,22,880
Dr. Harisivasri Phanindra K	SAFETY REPORT AND HAZARD MODELLING FOR BIOCON LIMITED, HYDERABAD	M/s. G&G Consultant, Kukatpally, Hyderabad, Kukatpally, Hyderabad, 500072	29,500
Dr. Harisivasri Phanindra K	SAFETY AUDITS FOR IOCL (RAMAGUNDAM) AND TORRENT GAS (HYDERABAD)	M/s. G&G Consultant, Kukatpally, Hyderabad, Kukatpally, Hyderabad, 500072	23,600
Dr. Kathiravan	Detection of picric acid with greater selectivity and sensitivity	M/s. Individuals D. Shiny Joy	5,000
DR. G. Kumar & Dr. J. Logeswari	SBC Calculation for site in Kilputhur village, Kancheepuram site.	Mr. Yeswanth Raj, Assistant Engineer (Planning), Tamil Nadu Civil Supplies Corporation, Regional Office, Kancheepuram	3,836

Revenues Generation through Consultancy FY 2023-24

Dr. P. Azhagu Saravana Babu (Dr. Vinson Jousha)	DEVELOPMENT OF PORTABLE FOOD COLD STORAGE UNIT	M/s. GARAGE VALLEY PVT LTD, 7-13 Sri Lakshmi Nilayam Sri Krishnadevaraya colony, Madinaguda, Hyderabad	4,72,000
Mr. Vishnu Kumar	Development of Utility Software for CNC Wire Cut Machine	M/s. Apex EDM Tools, S.F.No 432/2, Assisi Nagar, near Church, Aruna Layout, Athipalayam Pirivu, Sri Laxmi Nagar, Ganapathy, Coimbatore, Tamil Nadu 641006	4,95,600
Dr. Muthuarasan	Development of prototype models using 3D printing technology	M/s. Delphi TVS Technologies, Plot No B 16, SIPCOT INDUSTRIAL PARK,Kancheepuram District, Tamil nadu.	20,886
Dr. Samson	Compressive Strength Test	M/s. Florida construction pvt.ltd., No 43, Velacheri, Chennai - 600042 (Opposite Kanchi ITI, Behind VGP Selva Nagar Extension)	3,776
Dr. Ravikumar	BMP Analysis of Naiper Grass	M/s. Energim Sustianble Solutions, 2nd Floor, VS Century Towers, No.43, H.B. Samaja Road, Bengaluru - India	64,100
Dr. Vishnu Kumar	Aviation generator Prototype testing in High speed test facility	M/s. GE India Industrial Pvt. Ltd. GEIPL, 122 EPIP Phase 2, Hoodi Village, Whitefield Road, EPIP, Bangalore.	4,720
Dr.S.Ramesh	PCB Design, Fabrication & Assembly	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	10,20,558
Dr.P.K.Dhal	PCB Design, Fabrication & Assembly	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	12,21,442
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	67,750
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	11,800
Mr. Bala Suresh	PCB Design, Fabrication & Assembly (Utilisation Cost)	M/s. Auckam, No 26 A, Ground Floor, Anna St, State Bank Of India Colony, Chitlapakkam, Chennai, Tamil Nadu 600064	1,18,057
Mr. Bala Suresh	PCB Design, Fabrication & Assembly (Utilisation Cost)	M/s. Auckam, No 26 A, Ground Floor, Anna St, State Bank Of India Colony, Chitlapakkam, Chennai, Tamil Nadu 600064	2,15,979
Dr. Muthuarasan	PCB Design, Fabrication & Assembly	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	23,938
Mr. Bala Suresh	PCB Design, Fabrication & Assembly (Utilisation Cost)	M/s. Auckam, No 26 A, Ground Floor, Anna St, State Bank Of India Colony, Chitlapakkam, Chennai, Tamil Nadu 600064	1,05,729
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	84,313

Revenues Generation through Consultancy FY 2023-24

Mr. Bala Suresh	PCB Design, Fabrication & Assembly (Utilisation Cost)	M/s. Auckam, No 26 A, Ground Floor, Anna St, State Bank Of India Colony, Chitlapakkam, Chennai, Tamil Nadu 600064	3,58,524
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (ILI Spindle LED)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	18,600
Dr. Muthuarasan	PCB Design, Fabrication & Assembly	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	72,213
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (MM250)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	30,375
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (ENT 600 SMT)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	26,658
Dr.K.Karunanithi	PCB Design, Fabrication & Assembly (ILI Spindle LED)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	12,100
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (MM250)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	12,500
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (Ethercat - 48 IO)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	11,388
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (ENT 600 Full Assy)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	3,39,663
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	16,852
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (ENT 600 Full Assy)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	2,20,838
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	50,418
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (ILI Spindle LED)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	22,000
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (ENT 600 Full Assy, 4KVA SMT Alone, ENT 600 Full Assy, 4KVA SMT Alone, MM250, ENT 600 Full Assy)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	4,83,396
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	67,168

Revenues Generation through Consultancy FY 2023-24

Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (ILI Spindle LED)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	71,500
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (ENT 600 Full Assy)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	8,96,800
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (ENT 600 Stabilizers)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	1,52,008
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (Vibration Sensor PCB, ILI Spindle LED, 75mm Sensor LED, ILI spindle Sensor)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	85,683
Dr. S. Ramesh	PCB Design, Fabrication & Assembly (NFC X PCB, XI-IR-R2 PCB)	M/s. Ralph Technologies, 51/59, Rajaji Technologies, Madahavaram, Chennai-600060	53,379
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	20,134
Mr. Bala Suresh	PCB Design, Fabrication & Assembly (LED Driver Board)	M/s. Swaaadle Tech, 86th street, 18th Ave, Ashok Nagar, Chennai, Tamil Nadu 600083	23,104
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	63,639
Mr. Bala Suresh	PCB Design, Fabrication & Assembly (LED Driver Board)	M/s. Swaaadle Tech, 86th street, 18th Ave, Ashok Nagar, Chennai, Tamil Nadu 600083	15,482
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (Ethercat 48 IO Base and Ethernet CPU)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	16,558
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (ILI spindle Sensor)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	16,995
Dr. S. Ramesh	PCB Design, Fabrication & Assembly (NFC X PCB)	M/s. Ralph Technologies, 51/59, Rajaji Technologies, Madahavaram, Chennai-600060	26,649
Dr. Prasanna Ram	PCB Design, Fabrication & Assembly (ENT 600 Stabilizers)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	56,498
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (Power Bank)	M/s. Krithi Labs, S&M Consortium, Dr. VSI Estate Phase2, 24A, Thiruvanmiyur, Chennai, Tamil Nadu 600041	56,841
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (Setup RS 485 T/S Amplifier)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	59,175

Revenues Generation through Consultancy FY 2023-24

Mr. Bala Suresh	PCB Design, Fabrication & Assembly (LED Driver Board)	M/s. Swaadle Tech, 86th street, 18th Ave, Ashok Nagar, Chennai, Tamil Nadu 600083	3,741
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (Vallabh-V1)	M/s. Aerodome Technologies	1,770
Dr. Vinson Jousha	PCB Design, Fabrication & Assembly (Fish 600 and FG3-3MHZ)	M/s. Maruthi Electronics, 1, New Street, 2nd floor, B Block, Super Bazar,Complex, Mela Ilandikulam, Alandur, Chennai-6000016	84,630
Mr. Bala Suresh	PCB Design, Fabrication & Assembly (50W LED, 2 FOOT LED and Setup)	M/s. Lumen Electronics, No 80, Thirumangalam Road, Villivakkam, Chennai - 600049	10,715
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (CPU H06)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	88,072
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (Power Bank)	M/s. Krithi Labs, S&M Consortium, Dr. VSI Estate Phase2, 24A, Thiruvanmiyur, Chennai, Tamil Nadu 600041	27,605
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (Vallabh-V1 & LED Board)	M/s. Aerodome Technologies, SSN Ifound, SSN College Campus Kalavakam, Thirupporur Post, Kanchipuram-603110	2,714
Mr. Bala Suresh	PCB Design, Fabrication & Assembly (Myopia Main & Sensor Board)	M/s. Medcure Medical Solutions, 110, 1st Floor, East Madha Chruch Street, Royapuram, Chennai-600013	12,814
Dr. Vishnu Kumar	PCB Design, Fabrication & Assembly (Power Bank)	M/s. Krithi Labs, S&M Consortium, Dr. VSI Estate Phase2, 24A, Thiruvanmiyur, Chennai, Tamil Nadu 600041	26,323
Dr. Vinson Jousha	PCB Design, Fabrication & Assembly (MK-01 & P4 KHT)	M/s. Maruthi Electronics, 1, New Street, 2nd floor, B Block, Super Bazar,Complex, Mela Ilandikulam, Alandur, Chennai-6000016	87,745
Dr.S.Sivakumar	PCB Design, Fabrication & Assembly (ENT 600 Stabilizers & ILI spindle Sensor)	M/s. Camware, 4th St, Mogappair Industrial Estate, East, Mogappair East, Chennai, Tamil Nadu 600037	1,30,804
Mr. Bala Suresh	PCB Design, Fabrication & Assembly (LED & Driver)	M/s. Swaadle Tech, 86th street, 18th Ave, Ashok Nagar, Chennai, Tamil Nadu 600083	12,512
Dr. Muthuarasan	PCB Design, Fabrication & Assembly (RS 485 T/S Amplifier)	M/s. Shibuara, No.65, Chennai to Bangalore Highway, Poonamallee, Chembarambakkam, Chennai, Tamil Nadu 600123	1,07,594
Dr. P. Chandra Kumar	Centre of Excellence - Manufacturing (Machining Toolroom Works)	M/s. ARKO Engineering, No:62B PADAVATTAMMAN INDUSTRIAL ESTATE KORATTUR, Chennai, Tamil Nadu 600098	9,15,798
			1,25,29,524

Revenues Generation through Consultancy FY 2024-25

Table 1

S.NO	Name of consultancy project	Name of the teacher consultant	Revenue generated	Name & address of the organisation from where the consultancy received
1	Utilization of Manufacturing Facility	Dr. Vison Jousha	₹ 2,00,000.00	JK CNC
2	Utilization of Manufacturing Facility	Dr. Vison Jousha	₹ 2,00,000.00	JK CNC
3	Development of IoT Enabled Precision Farming with Climate Adaptability	Dr. Muthukrishnan	₹ 16,949.00	The Silicon Harvest,
4	BMP Analysis of Naiper Grass	Dr. Ravikumar	₹ 10,678.00	Energim Sustianble Solutions
5	VoltVista: Empowering Electric Journeys with IoT Dashboards	Dr. M. Kavitha & Dr. D. Umanandhini (Dr. Vinson Jousha)	₹ 2,00,000.00	M/S. JK CNC TECHNOLOGIES,
6	AUTONOMOUS ROBOT BASED ELECTRIC VEHICLE CHARGING SYSTEM	Dr. G. Dhanabalan (Dr. Vinson Jousha)	₹ 2,00,000.00	M/S. JK CNC TECHNOLOGIES,
7	3rd party quaality checking - Roads & Pavements	Dr. Kumar, Mr. Baskar, Dr.M. Vinod Kumar	₹ 1,38,220.00	Dindigul Municipal Corporation,
8	Development of Single Phase Energy Meter	Dr Kanagachidhaberasan	₹ 6,000.00	Balaji Engineering Works & Infrastructure,
9	CFD Analysis	Dr. G. Surendar	₹ 21,600.00	Yottec Systems LLP,
10	ATB Audit for AP Limited	Dr. Harisivasri Phanindra K	₹ 1,65,254.00	SR INDUSTRIAL SAFETY SPECIALIST FIRM

Table 1

11	THIRD-PARTY SITE INSPECTION AUDIT REPORT	Mr.S.BASKAR Dr.M.VINODKUMAR Dr.G.KUMAR	₹ 50,000.00	CHENNAI HOLDING AND VISHAL DEV Tamil Nadu
12	THIRD-PARTY SITE INSPECTION AUDIT	Dr.M.VINODKUMAR Dr.G.KUMAR Dr.S.BASKAR	₹ 20,000.00	SUGALI ENTERPRISES PVT LTD.
13	THIRD-PARTY SITE INSPECTION AUDIT	Dr.M.VINODKUMAR Dr.G.KUMAR Dr.S.BASKAR	₹ 10,000.00	SUGALI ENTERPRISES PVT LTD.
14	THIRD-PARTY SITE INSPECTION AUDIT	Dr.M.VINODKUMAR Dr.G.KUMAR Dr.S.BASKAR	₹ 10,000.00	VALLIMAYIL PROPERTIES,
15	THIRD-PARTY Survey Report	1.Dr. M. Vinod Kumar 2.Dr. G. Kumar 3.Dr.S.Baskar	₹ 70,958.00	Thiruthani Municipal Corporation
16	Safety Audit for HDL units	Dr. Harisivasri Phanindra K	₹ 90,000.00	GSS Global Safety Solutions,
17	ESD Training for HDL Units	Dr. Harisivasri Phanindra K	₹ 1,18,644.00	GSS Global Safety Solutions,
18	HARA and OSEP for M/S CETC Renewable Energy (India) Pvt. Ltd,Sricity, Andhra Pradesh - 2023	Dr. Harisivasri Phanindra K	₹ 42,372.00	Varaanga Engineers Pvt. Ltd.,
19	Safety Audit for M/S Knauf India Private Limited - 2023	Dr. Harisivasri Phanindra K	₹ 21,186.00	Varaanga Engineers Pvt. Ltd.,
20	Safety Audit for M/S Hindalco Industries Limited, Kuppam, Andhra Pradesh - 2023	Dr. Harisivasri Phanindra K	₹ 25,423.00	Varaanga Engineers Pvt. Ltd.,

Development and Testing of a robust model for data analytics using Python: To analyse and sort learning performance in AI related subjects	P.I. : Dr. M. Kavitha CO. P.I. : Dr. R. Kav CO. P.I. : Mrs. K. R	2,89,561	Deepnode Technologies Pvt Ltd
Developing Hyerspectral Image Data set for Mango Fruit to detect the internal quality of the fruit.	P.I. : Dr. V.DhilipKur CO. P.I. : Dr. Sam N	3,42,820	Seventh Horse Agri Tech Private Limited.
Developing the AI assisted Simulation Model of the Iron Redox Flow Battery to predict and Evaluate the performance of the battery	P.I. : Dr. Umanandr CO. P.I. : Dr. K.Uda CO. P.I. : Dr. Arun I	1,92,879	Tharam Thiran Green Energy flow Private limited
3D Object Reconstruction Using Camera Vision for Accurate Dimensional Replication	P.I. : Dr.T.Kujani CO. P.I. : Dr. T.Dura CO. P.I. : Dr. Aruna	1,51,088	Dhisai Technologies Pvt Ltd
Innovative Waste Management in Sericulture: Harnessing the Potential of Silkworm Excreta	PI: Dr. Sugumari.V, Co PI 1 : Dr.P.Azha Co PI 2: Dr.R.Sai N	4,50,000	Serigreen Technologies Pvt Ltd
Optical Reader to detect levels of hormones in LFA kit.	P.I. : Dr. S. Vinson J CO. P.I. : Dr. A. Bak CO. P.I. : Dr. Balam	3,50,000	Thremear Private Limited

PCB Design & Fabrication Project EMS Accounts**FY 2024-2025**

S.No	Project	Company	Invoice Date	Amount	Monthly Turnover
April					
1	NFC X PCB	Ralph	1-Apr-24	13169	852548
2	MK-01 & F052	Maruthi Electronics	4-Apr-24	138710	
3	NFC X PCB	Ralph	8-Apr-24	8073	
4	Ethercat Base & Slope Board	Shibaura	10-Apr-24	25405	
5	MK-01 SMT alone	Maruthi Electronics	10-Apr-24	18101	
6	MK-01 & F052	Maruthi Electronics	17-Apr-24	111189	
7	RS 485 TS Amplifier	Shibaura	17-Apr-24	83143	
8	ENT 600 Everest	Camware	20-Apr-24	112324	
9	Ethercat Slave Card	Shibaura	23-Apr-24	2307	
10	P4KHT	Maruti Electronics	26-Apr-24	64947	
11	Auckam Technologies	HG PRO and HG PRO LED	27-Apr-24	50532	
12	ENT 600 Everest	Camware	20-Apr-24	112324	
13	ENT 600 Everest	Camware	30-Apr-24	112324	

Revenues Generation through Consultancy FY 2024-25

May					
1	CPU H06	Shibaura	2-May-24	23364	760907
2	P4KHT and Components	Maruthi Electronics	2-May-24	84547	
3	CPU H06	Shibaura	8-May-24	70918	
4	P4KHT	Maruthi Electronics	10-May-24	104501	
5	NFC X PCB	Ralph	17-May-24	28320	
6	P4KHT	Maruthi Electronics	21-May-24	87084	
7	Hot Runner & Mixed AIO DIO Card	Shibaura	22-May-24	34817	
8	Programming Charges	Shibaura	22-May-24	7080	
9	RTK & ESP Board	Aerodome	27-May-24	2797	
10	F052	Maruthi Electronics	28-May-24	69762	
11	ENT 600 Everest	Camware	28-May-24	112324	
12	Ethercat Slave Card	Shibaura	30-May-24	23,069	
13	ENT 600 Everest	Camware	30-May-24	112324	

Revenues Generation through Consultancy FY 2024-25

June					
1	F052	Maruthi Electronics	3-Jun-24	68298	899225
2	CPU H06	Shibaura	13-Jun-24	36580	
3	Mk01	Maruthi Electronics	13-Jun-24	116466	
4	PRIMA POWER & PRIMA TOUCH	Auckam	13-Jun-24	39530	
5	IHL Board	Auckam	14-Jun-24	17193	
6	ENT 600 Everest	Camware	15-Jun-24	112324	
7	CPU H06 & Audio Amplifier	Shibaura	22-Jun-24	129564	
8	F052	Maruthi Electronics	22-Jun-24	138060	
9	940nm Board	VM technologies	22-Jun-24	1770	
10	Ethercat-48 Digital IO Card	Shibaura	25-Jun-24	40681	
11	N Series Logger	B-Pro Lab's	28-Jun-24	41300	
12	PAEGI PCB	Inciotech	28-Jun-24	45135	
13	ENT 600 Everest	Camware	29-Jun-24	112324	

Revenues Generation through Consultancy FY 2024-25

July					
1	Ethercat-48, Mixed AIO & DIO, Slave Card & Hot runner	Shibaura	3-Jul-24	157157	858849
2	MK01	Maruthi Electronics	5-Jul-24	83190	
3	ENT 600 Everest	Camware	6-Jul-24	103580	
4	LED Board	Aerodome	9-Jul-24	1033	
5	Passive Components	Inciotech Pvt Ltd	16-Jul-24	2454	
6	MK01, F052 & Components	Maruthi Electronics	20-Jul-24	113398	
7	MK01 & F052	Maruthi Electronics	25-Jul-24	91332	
8	Fish	Maruthi Electronics	27-Jul-24	86730	
9	ENT 600 Everest	Camware	27-Jul-24	112324	
10	Amplifier	Shibaura	30-Jul-24	66079	
11	Fish, 8 Zone PCB	Maruthi Electronics	30-Jul-24	11777	
12	Master V1.0 PCB	Innotrat Labs	31-Jul-24	3835	
13	N Series Logger	B-Pro Lab's	31-Jul-24	25960	

Revenues Generation through Consultancy FY 2024-25

August 2024					
1	MK01	Maruthi Electronics	6-Aug-24	83190	788453
2	CPU H06 & Compact H06	Shibaura	6-Aug-24	52776	
3	ESP Board	Aerodome	8-Aug-24	2682	
4	MK01 & F052	Maruthi Electronics	12-Aug-24	101067	
5	MK01 & F052	Maruthi Electronics	17-Aug-24	75657	
6	CPU H06	Shibaura	17-Aug-24	93456	
7	RTK Board	Aerodome	17-Aug-24	1080	
8	SLIT Lamp Board	VM technologies	20-Aug-24	5900	
9	ENT 600 Everest	Camware	20-Aug-24	112324	
10	MK-01	Maruthi Electronics	24-Aug-24	66552	
11	RTK Board ESP & LED Board	Aerodome	24-Aug-24	5449	
12	75MM Sensor LED	Camware	24-Aug-24	8280	
13	ENT 600 Everest	Camware	27-Aug-24	112324	
14	MK-01	Maruthi Electronics	30-Aug-24	67716	

Revenues Generation through Consultancy FY 2024-25

Sep-24					
1	MK01 & Components	Maruthi Electronics	30 Dec 1899	83717	738607
2	ENT 600	Camware	9-Sep-24	112324	
3	RS 485 - TC Amplifier Card	Shibaura	10-Sep-24	66080	
4	Base Board, Display Board, CL Back Board, CL Controller Board	Ralph	12-Sep-24	57693	
5	CL Card (with & without Connector)	Ralph	12-Sep-24	65364	
6	3 ICs PCB	JSP	12-Sep-24	6490	
7	CPU H06	Shibaura	18-Sep-24	39080	
8	MK01 & F052	Maruthi Electronics	23-Sep-24	96640	
9	ENT 600	Camware	26-Sep-24	112324	
10	P4KHT & FG3	Maruthi Electronics	28-Sep-24	93404	
11	LED,RTK,ESP Board	Aerodome	30-Sep-24	5491	

Revenues Generation through Consultancy FY 2024-25

Oct-24					
1	MK01	Maruthi Electronics	5-Oct-24	59414	1050407
2	CPH06,Compact CPU	Shibaura	7-Oct-24	82187	
3	ENT 600	Camware	9-Oct-24	112324	
4	N Series Logger	B Pro Labs	9-Oct-24	53808	
5	F052	Maruthi Electronics	21-Oct-24	100633	
6	ENT 600	Camware	21-Oct-24	184965	
7	NFCX, Base,Display Board	Ralph	26-Oct-24	55460	
8	RS 485 - T/C Amplifier Card	Shibaura	26-Oct-24	74340	
9	MK-01,F052	Maruthi Electronics	28-Oct-24	102161	
10	24IO,48IO,Slave Card, CPH H06	Shibaura	29-Oct-24	225115	

Revenues Generation through Consultancy FY 2024-25

Nov-24					
1	ENT 600	Camware	1-Nov-24	56498	1156743
2	MK-01	Maruthi Electronics	7-Nov-24	89845	
3	CPH-06	Shibaura	15-Nov-24	93456	
4	P4KHT	Maruthi Electronics	19-Nov-24	87084	
5	ENT 600	Camware	19-Nov-24	59187	
6	CL Card & LAY Power Front	Ralph	19-Nov-24	18701	
7	ENT 600	Camware	25-Nov-24	112324	
8	Development of VI & Power PCB	TANSAM	25-Nov-24	70800	
9	F052 & Fish	Maruthi	28-Nov-24	129003	
10	Horse Mask PCBA	Camware Electronics	30-Nov-24	439845	

Revenue generated Till November 1,11,28,900/-

Thank You

Appoinment of New Faculty Members

Sl. No.	Faculty_ID	Faculty_Name	Designation	Qualification	Department	Date of Joining	Ph.D. / Non Ph.D.	Ph.D Institution / Status	Gender	No. of Publications (Scopus / WoS / Others)	Name of the Previous Institution
1	TTS 3940	POOVAYAR PRIYA. M	ASSISTANT PROFESSOR	B.Tech., M.Tech.,	COMPUTER SCIENCE AND ENGINEERING	30-AUG-2024	Non Ph.D.,	Thesis Submitted / Pondichery University	Female	2	Research Scholar - Pondicherry University
2	TTS 3941	Dr. MOHAMED MALLICK. M. S	ASSISTANT PROFESSOR	B.Sc., M.Sc., M.E., Ph.D.,	COMPUTER SCIENCE AND ENGINEERING	31-AUG-2024	Ph.D.,	Anna University	Male	4	Harman International (Samsung Group)
3	TTS 3944	Dr. VINOTH KUMAR. E. S	ASSISTANT PROFESSOR - SENIOR GRADE	B.Sc., M.Sc., M.Tech., Ph.D.,	COMPUTER SCIENCE AND ENGINEERING	08-OCT-2024	Ph.D.,	Anna University	Male	5	KLN College of Engineering
4	TTS 3945	Dr. PUSHPA RANI. S	ASSISTANT PROFESSOR - SENIOR GRADE	B.Sc., M.C.A., M.E., Ph.D.,	COMPUTER SCIENCE AND ENGINEERING	04-NOV-2024	Ph.D.,	Manonmaniam Sundaranar University	Female	4	Meenakshi College of Engineering
5	TTS 3947	Dr. THILAGAM. T	ASSISTANT PROFESSOR - SENIOR GRADE	B.E., M.E., Ph.D.,	COMPUTER SCIENCE AND ENGINEERING	06-NOV-2024	Ph.D.,	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Female	10	S.A Engineering College
6	TTS 3946	Dr. VIDHYASAGAR. B. S	ASSOCIATE PROFESSOR	B.E., M.E., Ph.D.,	COMPUTER SCIENCE AND ENGINEERING	06-NOV-2024	Ph.D.,	Anna University	Male	15	Amrita Vishwa Vidyapeetham
7	TTS 3949	Dr. SHARGUNAM. S	ASSOCIATE PROFESSOR	B.Tech., M.E., Ph.D.,	COMPUTER SCIENCE AND ENGINEERING	05-DEC-2024	Ph.D.,	Anna University	Male	15	Kalasalngam Academy of Research and Education
8	TTS 3952	Dr. ARULMURUGAN. A	ASSISTANT PROFESSOR - SENIOR GRADE	B.E., M.Tech., Ph.D.,	COMPUTER SCIENCE AND ENGINEERING	09-DEC-2024	Ph.D.,	Annamalai University	Male	2	AVC College of Engineering
9	TTS 3951	JAYASHREE. S	ASSISTANT PROFESSOR	M.Tech.,	COMPUTER SCIENCE AND ENGINEERING	09-DEC-2024	Non Ph.D.,	Thesis Submitted / SRM	Female	4	Research Scholar - SRM
10	TTS 3954	Dr. Siji. O. K	ASSOCIATE PROFESSOR	B.COM., M.Com., Ph.D.,	COMMERCE	13-DEC-2024	Ph.D.,	Kerala University	Female	7	Saraswathy Arts and Science College
11	TTS 3953	Dr. ARUN SHALIN. L. V	ASSISTANT PROFESSOR - SENIOR GRADE	B.Tech., M.E., Ph.D.,	COMPUTER SCIENCE AND ENGINEERING	09-DEC-2024	Ph.D.,	Manonmaniam Sundaranar University	Male	5	Bannari Amman Institute of Technology
12	TTS3950	Ms. BHAKYALAKSHMI.R	LANGUAGE TUTOR	B.A., M.A., GOETHE-ZERTOFOLAT-BI	SCIENCE AND HUMANITIES / INTERNATIONAL OFFICE	03-DEC-2024	Non Ph.D.,	—	Female	—	—

Department	Non Ph.D.	Ph.D.	Grand Total
COMPUTER SCIENCE AND ENGINEERING	2	8	10
COMMERCE	-	1	1
SCIENCE AND HUMANITIES / INTERNATIONAL OFFICE	1	-	1
Grand Total	3	9	12



Vel Tech
Rangarajan Dr. Sagunthala
H&D Institute of Science and Technology
(Deemed to be University, End. up 3 of UGC Act, 1956)



61st Meeting of the Executive Council (EC)

Office of the Quality Assurance

Dr. M. Rajeev Kumar, Prof. (CSE) & Dean Quality Assurance

**To report and record the status of Inspection of
National Board of Accreditation during
20th to 22nd of December 2024 in connection with the accreditation of
NBA status to the B.Tech. Biotechnology and MBA Programmes**

Name of Chairperson

Dr. Mukul Sharad Sutaone
Director, Indian Institute of Information Technology,
Allahbad Devghat, Jhalwa,
Prayagraj-2 11012, Uttar Pradesh
M: 09923560608 Email: director@iita.ac.in; mssutaone@gmail.com

UG – Biotechnology

Prof. Debabrata Das

[Former Professor & Head, Dept of Biotechnology,
Indian Institute of Technology, Kharagpur]
Residential Add: Block-9, Flat 3D, Srijan Midlands 83,
Jessore Road Madhyamgram,
Kolkata-700 132, West Bengal
M: 09434717424
Email: ddas.iitkgp@gmail.com

Prof. Rajesh Kumar Dubey

Director,
UGC-HRDC, JNV University,
Arora Circle, Residency Road,
Jodhpur- 342 001, Rajasthan
M: 9198218888; 09455098888
Email: directorhrdc@gmail.com; biogreen35@gmail.com

PG – Master of Business Administration

Prof. Javaid Akhter

Professor
Dept. of Business Administration
Aligarh Muslim University
Aligarh - 202 002, Uttar Pradesh
M: 09412333586
Email: javedmba@hotmail.com

Prof. Sanjeev Kumar Sharma

Director,
Internal Quality Assurance,
Dept. of Management, University Institute of Applied
Management Sciences, (UIAMS), Punjab University, Sector -14,
Chandigarh – 160014
M: 9814487217 Email: sksharma@pu.ac.in

Item No.
61.16

To report and record the status of Inspection of National Board of Accreditation during 20th to 22nd of December 2024 in connection with the accreditation of NBA status to the B.Tech. Biotechnology and MBA Programmes



Quality means doing it right when no one is looking

Thank You!



61st Meeting of the Executive Council (EC)

Office of the Quality Assurance

Dr. M. Rajeev Kumar, Prof. (CSE) & Dean Quality Assurance

To report and record the status of the International & National rankings, and awards received since the last EC meeting held on September 21, 2024

National Awards



**Engineering Education Excellence
Award 2024 [GOLD]**



International Rankings



- ❖ World University Rankings 2025 - **Band 1201-1500**
- ❖ Interdisciplinary Science Rankings 2025 - **Band 501-600**



- ❖ Southern Asia – **Ranked 263rd**
- ❖ Asia - **Band 801-850**

National Rankings



- ❖ **Engineering**
- ❖ **Research**
- ❖ **University**
- ❖ **Overall**
- ❖ **Innovation**
- ❖ **SDG institutions**

International Rankings



- ❖ **SDG 6: Clean Water and Sanitation**
- ❖ **SDG 9: Industry, Innovation and Infrastructure**
- ❖ **SDG 12: Responsible Consumption and Production**
- ❖ **SDG 17: Partnership for the Goals**
- ❖ **Overall**

Quality means doing it right when no one is looking

Thank You!

61st MEETING OF THE EXECUTIVE COUNCIL
ON 28.12.2024 AT 3.00 P.M.

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TABLE ITEM

61.20 Any other items with the permission of the Chairperson

AGENDA

The Chairperson and the Vice Chancellor proposed the name of Prof. R. Sivaraman, Controller of Examinations for the position of Pro-Vice Chancellor (Administration) of this Institution as per the provision mentioned under Clause 23(E) in the UGC (Institutions Deemed to be Universities) Regulations, 2023

It is placed before the Executive Council as a Table Item for discussion, consideration and necessary action.