ACADEMIC COUNCIL
ATTENDANCE SHEET FOR 51st MEETING OF
THE ACADEMIC COUNCIL ON 22.11.2025 AT 10.30 am
VENUE: SENATE HALL

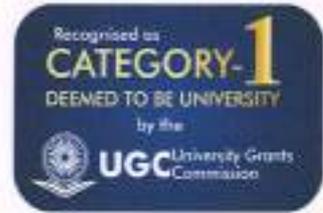| S.No	Name	Position	Signature
1	Prof. Dr. Rajat Gupta Vice Chancellor, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Chairperson	*(signed)*
2	Prof. Dr. R. Sivaraman Pro Vice-Chancellor Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	*(signed)*
3	Prof. R.Venkata Rao Vice Chancellor, International University of Legal Education and Research (IIULER) Goa	External Member	*(signed)*
4	Mr. K. Balaji Vice President – People and Culture Delphi – TVS Technologies Chennai	External Member	Present (Online)
5	Dr. OR. Nandagopan Director, DRDO Industry Academia, Ramanujan Centre of Excellence, IIT, Madras	External Member	Present (Online)
6	Mr. Raghuraman Krishnamurthy Chief Enterprise Architect P&R Practice, Cognizant Chennai.	External Member	Absent

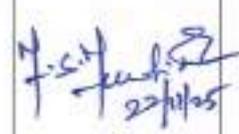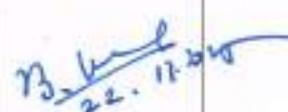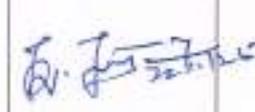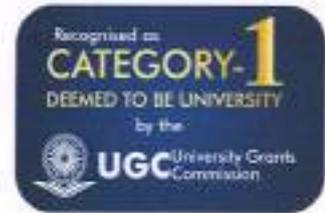| S.No	Name	Position	Signature
7	Dr. K. Sankaranarayanasamy Professor (HAG), National Institute of Technology (NIT), Tiruchirappalli.	External Member	Present (online)
8.	Prof. Dr. Krishnan BASKAR. D.Sc. (KTH-Sweden), FRSC (London). Director, Indian Institute of Information Technology - Senapati, Manipur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

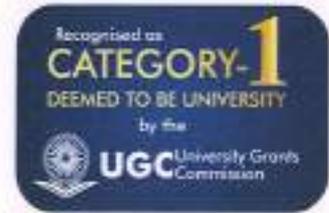| S.No	Name	Position	Signature
13	Dr. Muralidhar M S Professor & Dean (FME) Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
14	Dr. P. Suresh Professor & Dean (International Relations & HRDC) Dept of Electronics and Communication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

S.No	Name	Position	Signature
19	Dr. A. Jayabal Professor & Dean - School of Commerce Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	*(signature)* 22.4.25
20	Dr. E. Suresh Paul Professor & Dean (SoMT) Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	*(signature)*
21	Dr. K. Jagajjanani Rao Professor & Dean (Research Studies) Dept of Biotechnology Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology.	Ex-officio	*(signature)* K. Jagajjanani Rao 22/4/25
22	Dr. V. Dhilipkumar Professor & Associate Dean (SoC) Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	*(signature)* 22/4/25
23	Dr. R. Parthasarathy Professor & Assistant Dean (SoC) Dept. of Computer Science and Design Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	Absent
24	Dr. S. Ramesh Professor & Controller of Examinations, Dept. of Electrical & Electronics Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Permanent Invitee	*(signature)*
25	Dr. Shahnaz K V Associate Professor & Associate Dean (Hostels) Dept. of Electronics and Communication Engineering Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology.	Ex-officio	Absent

S.No	Name	Position	Signature
26	Mrs.D.Kasthuri, Dean-incharge (Alumni Relations and Development) Dept. of Electrical & Electronics Engineering Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	J. Kasthi
27	Dr. R. Jaganraj Professor & HoD Dept. of Aeronautical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	22/11/25
28	Dr. A. Geetha Selvarani, Professor & HoD Dept. of Civil Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
29	Dr. Karunanithi K Professor & HoD Dept. of Electrical & Electronics Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	K.Ka 22/11/25
30	Dr. S. Jayavelu Professor & HoD Dept. of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	22/11/25
31	Dr. J. Viswanath Professor & HoD Dept. of Mathematics, Vel Tech RangarajanDr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	

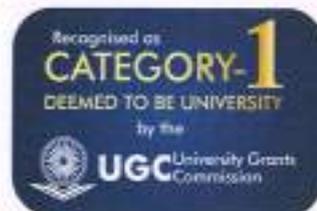| S.No	Name	Position	Signature
32	Dr. D. Senthil Kumar Professor & HoD Dept. of Physics, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
33	Dr. CH. Hazarathaiah Yadav Professor & HoD Dept. of Chemistry, Vel Tech Rangarajan Dr. Sagunthala R &D Institute of Science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

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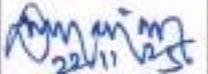(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

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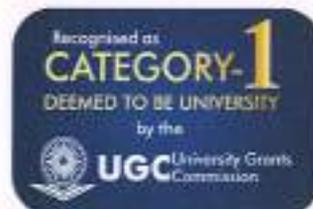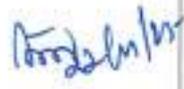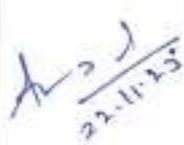A++

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DEEMED TO BE UNIVERSITY
by the
UGC University Grants Commission

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

S.No	Name	Position	Signature
44	Dr. P Santhi, Professor & HoD Department of CSE (Artificial Intelligence (AI) and Data Science) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	
45	Dr. S. Lalitha Associate Professor & HoD Department of CSE (AIML) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	
46	Dr. A. Peter Soosai Anandraj Professor & HoD Dept. of Information Technology Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
47	Dr. Amala Justus Selvam Professor Dept. of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Internal Member Professor Nominee	
48	Dr. Kavitha T. Professor Department of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	
49	Dr. Jana S. Professor & HoD Department of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	
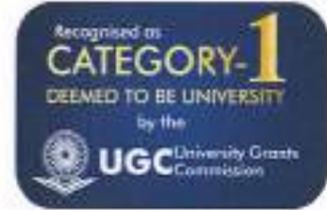
S.No	Name	Position	Signature
50	Dr.Dhal P.K. Professor Department of Electrical and Electronics Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/11/25
51	Dr. Prakash A. Professor Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22.11.25
52	Dr. Kanni Raj A. Professor Department of Chemistry Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/11/2025
53	Dr. R. Srinivasan Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/11/25
54	Dr. A. Bhagyalakshmi Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/11/25
55	Dr. S. Sridevi Professor & Dean (Student Affairs) Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor Nominee	22/11/25

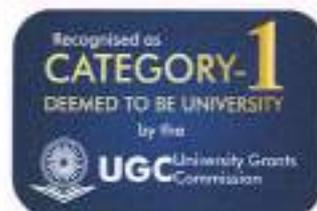| S.No	Name	Position	Signature
56	Dr. Boopathy. G Professor Department of Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Professor nominee	
57	Dr. T. Kamaleshwar Associate Professor Department of Computer Science and Engineering Vel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

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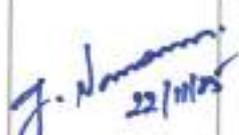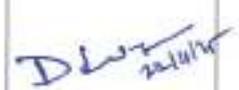(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

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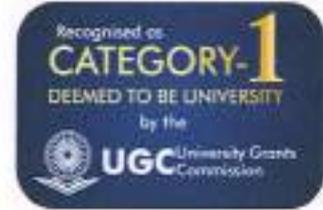| S.No	Name	Position	Signature
62	Dr. Sai Nandhini R. Assistant Professor Department of Biotechnology Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	22/11/25
63	Dr. E. Madeshwari Assistant Professor Department of Biomedical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	22/11/25
64	Dr.T.Kujani Associate Professor & Assistant - HoD Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	Absent
65	Dr.K.Prema Assistant Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	22/11/25
66	Dr.S.Saran Raj Assistant Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	22/11/25
67	Dr.E.Kannan Professor & Registrar Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.	Secretary	

VICE CHANCELLOR

Prof. Rajat Gupta
Vice Chancellor

Vel Tech

Vel Tech
Rangarajan Dr. Sagunthala

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

MINUTES

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Prof. Rajat Gupta
Vice Chancellor

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Vel Tech
Rangarajan Dr. Sagunthala
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Prof. Rajat Gupta
Vice Chancellor

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

MINUTES OF THE
51st MEETING OF THE ACADEMIC COUNCIL

Saturday, November 22, 2025, at
10.30 a.m.
Venue : SENATE HALL

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

A. Opening

51.1 **To record leave of absence of the members.**

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

* **Dr. Shahnaz K V**
  Associate Professor & Associate Dean (Hostels), Dept. of Electronics and Communication Engineering

* **Dr. M. Gokuldhev**
  Professor & HoD, Department of CSE(Data Science)

* **Dr. R. Parthasarathy**
  Associate Professor & Assistant - HoD, Department of CSE

* **Dr.T.Kujani**
  Professor & Assistant Dean (SoC), Department of CSD

The list of members attended the 51th meeting of the Academic Council can be accessed *here*

**Appendix Attendance &
Absent list**

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

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

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

Prof. Rajat Gupta
Vice Chancellor

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

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

The draft minutes of the 50th meeting of the Academic Council can be accessed _here_

Appendix A

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

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

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

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

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

Prof. Rajat Gupta
Vice Chancellor

Minutes of the 51st meeting of the Academic Council, November 22, 2025.

2

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

RESOLVED, the Action Taken Report be approved.

B. Items for Consideration and Approval

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

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

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

The Research Advisory Board can be accessed *here*

Appendix Research Advisory Board

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

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

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

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

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

The motion was carried.

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

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

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

The proposed Amendments made in the Ph.D. Regulations VTR DR - 2025 can be accessed *here*

Appendix Ammendments

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

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

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

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

The motion was carried.

C. Items for Ratification

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

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

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

The List of I.H.L courses can be accessed here

Appendix IHL Courses

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

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

The motion was carried.

Prof. Rajat Gupta
Vice Chancellor

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

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

The Academic Calendar for AY 2025-26 can be accessed here

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

Appendix Academic Calendar

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

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

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

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

The motion was carried.

D. Items for Reporting

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

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

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

Summary Note :

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

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

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

Prof. Rajat Gupta
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala

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

Guests of Honour:

1. Mr. Debashis Neogi, Managing Director, Renault Nissan Technology & Business Centre, Chennai.

2. Mr. Anil Kempanna, Managing Director & Global Lead, Silicon-to-Software Engineering, Accenture, Bengaluru.

They will deliver special addresses during the session.

2. **Day 2 – 30 November 2025**

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

Guests of Honour:

1. Dr. R. Vijay, Director, International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Hyderabad

2. Mr. S. Kalyanaraman, Executive Vice President – Industrial Machinery Business, Larsen & Toubro Limited, Chennai

They will deliver special addresses on the second day.

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

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

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

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

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

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

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

Ph.D. viva voce completed candidates

list can be accessed here

Appendix Ph.D. viva voce

Table 2: Ph.D. Viva Voce Completed

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

Table 3: Department wise Research Scholars

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

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

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

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

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

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

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

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

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

The list of courses offered in MOOC category can be accessed here

Appendix MOOC Courses

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

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

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

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

The list of courses offered in MOOC category can be accessed here

Appendix Industry/Academia collaboration

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

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

Prof. Rajat Gupta
Vice Chancellor

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

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

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

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

Appendix NASSCOM and Pi-Square

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

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

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

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

The list of faculty atteneded FDP/Workshop details can be accessed here

Appendix FDP/Workshop details

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

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

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

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

Prof. Rajat Gupta
Vice Chancellor

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

The status of Academic Audit for the Academic Year 2024-25 details can be accessed here

Appendix Academic Audit

Summary Note:

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

1. *Curriculum Design and Relevance*

2. *Teaching–Learning Processes*

3. *Assessment and Evaluation Practices*

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

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

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

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

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

ABC/APAAR ID list can be accessed here

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

Appendix ABC/APAAR ID

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

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

Prof. Rajat Gupta
Vice Chancellor

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

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

The Question paper/Evaluation pattern can be accessed here

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

Appendix Question paper/Evaluation pattern

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

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

a) School of Electrical and Communication.

b) School of Media Technology.

c) Office of International Relations.

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

a) School of Electrical and Communication

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

Progression of the School of Electrical and Communication can be accessed here

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

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

Prof. Rajat Gupta
Vice Chancellor

b) **School of Media Technology**.

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

Progression of the School of Media Technology can be accessed here

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

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

c) **Office of International Relations**.

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

Progression of the Office of International Relations can be accessed here

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

E. Closing

51.19 **Any other items with the permission of the Chairperson.**

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

Discussion on Ranking Procedure for the Award of Gold Medal.

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

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

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

51.21 **Vote of Thanks.**

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

51.22   Adjournment

The meeting was closed at 01.20 PM.

Prof. Rajat Gupta
Vice Chancellor

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

50th MEETING

OF

THE ACADEMIC COUNCIL

Saturday, August 30, 2025

MINUTES

Contents

List of Tables

MINUTES OF THE
50th MEETING OF THE ACADEMIC COUNCIL

Saturday, August 30, 2025, at
10.30 a.m.
Venue : SENATE HALL

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

A. Opening

50.1 **To record leave of absence of the members.**

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

* **Mr. K. Balaji**
  Vice President – People and Culture
  Delphi – TVS Technologies

* **Dr. O. R. Nandagopan**
  Director,
  DRDO Industry Academia,
  Ramanujan Centre of Excellence, IIT, Madras

* **Dr. Shahnaz K V**
  Associate Professor & Associate Dean (Hostels), Dept. of Electronics and Communication Engineering

* **Dr. B. Someswara Rao**
  Professor & HoD, School of Law

* **Dr. M. Gokuldhev**
  Professor & HoD, Department of CSE(Data Science)

* **Dr. K. Prema**
  Assistant Professor, Department of Computer Science and Engineering

The list of members attended the 50th meeting of the Academic Council can be accessed _here_

Appendix Attendance & Absent list

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

50.2 Call to Order and Approval of Agenda of the 50th meeting of the Academic Council.

The Vice Chancellor called to order and placed the agenda of the 50th meeting of the Academic Council for confirmation which was circulated to members by e-mail.

50.3 Confirmation of the minutes of 49th meeting of the Academic Council held on Saturday, May 24, 2025.

The draft minutes of the 49th meeting of the Academic Council held on May 24, 2025 were placed before the council for approval.

The draft minutes of the 49th meeting of the Academic Council can be accessed _here_

Appendix A

RESOLVED, the Minutes of the 49th meeting of the Academic Council held on May 24, 2025 be confirmed and recorded.

50.4 To review the Action Taken Report on the minutes of the 49th meeting of the Academic Council held on Saturday, May 24, 2025.

The Vice Chancellor, placed before the Academic Council to consider the Action Taken Report in respect of the 50th meeting of the Academic Council as described in Table 1.

Table 1: Action Taken Report in respect of 49th meeting of the Academic Council

Item No. and Page No.	Agenda Item	Suggestion	Action Taken Report
49.5 2(D) and Page No. 7	To discuss and approve the minutes of the Board of Studies of various departments	External members suggested to offer the course for "Future of factories".	Suggestion is taken into consideration. The same will be placed in the next BoS for the approval.

Table 1: Action Taken Report in respect of 49th meeting of the Academic Council

Item No. and Page No.	Agenda Item	Suggestion	Action Taken Report
49.5 (3) and Page No. 8	To discuss and approve the minutes of the Board of Studies of various departments	Prof. Dr. Krishnan Baskar suggested to offer the Minor or specialization in "Quantum Computing/ Quantum Technology" under the department of Computer Science and Engineering.	The department has introduced the new specialization in Quantum Computing and the courses are included in the curriculum.
49.5 (a) and Page No. 9	To discuss and approve the minutes of the Board of Studies of various departments	Prof. R.Venkata Rao suggested to offer the value-added courses in 1. Awareness of Cyber Law, 2. Legal responses to online gambling in sports and 3.Sports Law in General.	Suggestion is taken into consideration. The same will be placed in the next BoS for the approval.
49.5 (a) and Page No. 10	To discuss and approve the minutes of the Board of Studies of various departments	Experts are suggested to incorporate certain specific contents that focuses more on "Technical writing skills" Additionally, ensure that the students who are struggling perform fully in the assessments related to this course.	The course content specified as per sug -gestions and the course offered under Open Elective category. Course code:10213EN105 Course Name : Academic Writing by Dept. of English
49.5 (a) and Page No. 10	To discuss and approve the minutes of the Board of Studies of various departments	Dr. K. Sankaranarayana -samy suggested to offer the courses related to "Literature" under open elective course category.	Suggestion is taken into consideration. The same will be placed in the next BoS for the approval by Dept. of English
49.9 and Page No. 16	To discuss and approve the amendments made in the Regulations VTR UGE - 2021 pertaining to increase of the maxi -mum no. of credit limit up to 30 per semester.	Dr. K. Sankaranarayana -samy has suggested to have the minimum credits limit is 20 in a semester.	Suggestion has been taken into consideration and Implemented accordingly.
49.11 and Page No. 17	To discuss and approve the new Regulations VTR UGE - 2025" for Under Graduate Engin -eering and Technology for the forthcoming academic year.	The Vice-Chancellor suggested for conducting an internal meeting to discuss the details required for the "Award of Degree".	The Internal meeting has been conducted and content has been vetted as per members suggestions.

Table 1: Action Taken Report in respect of 49th meeting of the Academic Council

Item No. and Page No.	Agenda Item	Suggestion	Action Taken Report
49.15 and Page No. 19	To record the progress -ion and achievements with the one year strate -gic plan of the ensuring academic year in respect of the following depart -ments and divisions:	The Vice-Chancellor suggested conducting training sessions for all the non-teaching staff.	The session has been conducted for the following schools by HRDC: 1. School of Mechanical and Constructions, 2. School of Electrical & Communication, 3.School of Law, 4. School of Management 5. School of Commerce and 6. School of Media. The training sessions for the remaining school will be conducted for the remaining staff shortly.

The Council has taken note on the Action Taken report of the 49th meeting of the Academic Council held on May 24, 2025.

RESOLVED, the Action Taken Report be approved.

50.5 **To discuss and approve the minutes of the Board of Studies for undergraduate program in School of Management.**

• **School of Management - Under Graduate Programme**

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

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies for **Bachelor of Business Administration (B.B.A.)** to be implemented with effect from the Academic Year 2025-26.

Dr. K. Ravishankar, Professor & Dean, School of Management, presented the recommendations of the 6th Board of Studies meeting held on June 28, 2025 for **Bachelor of Business Administration (B.B.A.)** to be implemented with effect from the Academic Year 2025-26 for consideration and approval.

The Minutes of the BoS meeting can be accessed here

Appendix BBA

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

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

The motion was <u>carried.</u>

C. Items for Ratification

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

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

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

Table 2: Statistics of Ph.D. Admission AY 2025-26 (Summer Semester)

S.No.	Department	Applied & Shortlisted	Eligible for Entrance Exam	Appeared for Interview		Admitted		
				Full Time	Part Time	Full Time	Part Time	Over All
Engineering								
1	Aero	4	3	1	3	1	3	**4**
2	Biomedical	3	3	1	2	0	1	**1**
3	Biotech	16	15	13	2	7	1	**8**
4	Civil	7	7	0	4	0	4	**4**
5	CSE	121	104	18	87	13	60	**73**
6	IT	8	8	0	7	0	6	**6**
7	ECE	23	23	6	15	4	12	**16**
8	EEE	16	16	5	9	2	5	**7**
9	Mech	12	12	1	9	0	5	**5**
	TOTAL	**210**	**191**	**45**	**138**	**27**	**97**	**124**
S&H								
10	Chemistry	23	22	13	7	6	5	**11**
11	English	28	19	20	7	7	4	**11**
12	Maths	36	18	15	15	7	8	**15**
13	Physics	21	17	17	3	7	2	**9**
	TOTAL	**108**	**76**	**65**	**32**	**27**	**19**	**46**
MBA, Law, Commerce & Media and Communication								
14	MBA	27	23	13	11	4	6	**10**
15	Law	15	15	0	9	0	7	**7**
16	Commerce	20	14	12	2	5	1	**6**
17	Media	3	3	1	1	1	0	**1**

TOTAL	65	55	26	23	10	14	24
OVER ALL TOTAL	383	322	136	193	64	130	194

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

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

The motion was <u>carried</u>.

50.7 **To ratify and record the number of students admitted for the various degree programmes in the Academic Year 2025-26.**

The Vice Chancellor, placed before the Academic Council, the number of students admitted under various UG & PG programmes in the Academic Year 2025-26 for ratification.

Student admitted count in the AY

2025-26 can be accessed <u>here</u>

Dr. E. Kannan, Professor & Registrar, presented the details about the number of students admitted under various UG & PG programmes in the Academic Year 2025-26.

Appendix Admitted Count

The Vice-Chancellor suggested constituting a committee to analyze and recommend improvements to the admission process for core departments.

The motion was moved by **Dr. E. Kannan**, Professor & Registrar, for consideration and ratification.

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

The motion was <u>carried</u>.

50.8 **To ratify and record the admissions made under the Institution Transfer category during the Summer Semester of the Academic Year 2025-26.**

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

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

Table 3: Institution Transfer Students Name List - AY 2025-26

S.No	Name	Student ID	Year/ Sem	Department
1	SARANYA J	VTU32132	II / III	B.Tech. - Biotechnology
2	SAHIL MEENA	VTU32488	II / III	B.Tech. - Civil Engineering
3	AKASH S	VTU32461	II / III	B.Tech. - Mechanical Engineering with specialization in Artificial Intelligence and Robotics
4	PARI ABHISHEK	VTU32463	III / V	B.Tech. - Computer Science and Engineering with specialization in Artificial Intelligence and Machine Learning
5	JEEVAN B	VTU33437	II / III	B.Tech. - Aeronautical Engineering
6	VAIRAVAN N	VTA4694	II / III	B.B.A. - Finance
7	ILAYARAJ U	VTA4815	II / III	B.Com. - General

The motion was moved by **Dr. E. Kannan**, Professor & Registrar, for consideration and ratification.

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

The motion was <u>carried.</u>

50.9 **To ratify and record the admissions made under the Lateral Entry category during the Summer Semester of the Academic Year 2025-26.**

The Vice Chancellor, placed before the Academic Council, the list of students admitted under Lateral Entry category in the Summer Semester of the Academic Year 2025-26 for ratification.

Lateral Entry students details can be accessed here

Dr. E. Kannan, Professor & Registrar, presented the list of students admitted through Lateral Entry category in the Summer Semester of the Academic Year 2025-26.

Lateral Entry Students Name list

Table 4: Statistics of Lateral Entry students (Summer Semester AY 2025-26)

S.No	Name of the Programme	Count
1	B.Tech. - Aeronautical Engineering	5
2	B.Tech. - Artificial Intelligence and Machine Learning	5
3	B.Tech. - Artificial Intelligence (AI) and Data Science	5
4	B.Tech. - Biomedical	1
5	B.Tech. - Civil Engineering	1
6	B.Tech. - Computer Sceince and Design	1
7	B.Tech. - Computer Science and Engineering	47

8	B.Tech. - Computer Science and Engineering (Artificial Intelligence and Machine Learning)	3
9	B.Tech. - Computer Science and Engineering (Data Science)	1
10	B.Tech. - Electrical and Electronics Engineering	15
11	B.Tech. - Electronics and Communication Engineering	52
12	B.Tech. - Information Technology	3
13	B.Tech. - Mechanical Engineering	18
	Grand Total	**157**

The motion was moved by **Dr. E. Kannan**, Professor & Registrar, for consideration and ratification.

The motion was seconded by **Dr. A. Jayabal**, Professor & Dean - School of Commerce.

The motion was <u>carried</u>.

50.10 **To ratify and record the admissions made under the Re-Admission category during the Summer Semester of the Academic Year 2025-26.**

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

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

Table 5: Students admitted through Re-Admission in Summer Semester AY 2025-26

S.No	Batch	VTU No	Name of the Student	Degree	Depart -ment	Sem/ Year	Circular No
1	2023-24	VTU26291	K Monish	B.Tech	ECE	IV / II	Circular No. 1 dated on 16.07.2025
2	2023-24	VTU26387	Khaja Mohammed	B.Tech	CSE	IV / II	Circular No. 5 dated on 23.07.2025
3	2023-24	VTA3047	S Dhilip	B.A. LL.B. (Hons)		III / II	Circular No. 9 dated on 24.07.2025
4	2022-23	VTU24277	Dinesh Karthick	B.Tech	CSE	V / III	Circular No.13 dated on 28.07.2025
5	2021-22	VTA1660	Thulasi R	B.COM. LL.B. (Hons)		VII / IV	Circular No.14 dated on 31.07.2025
6	2021-22	VTA1667	Sudharsan	B.A. LL.B. (Hons)		VII / IV	Circular No.15 dated on 04.08.2025

| 7 | 2020-21 | VTU17246 | Aggu Mahesh Yadav | B.Tech | ECE | V / III | Circular No.21 dated on 13.08.2025 |
| 8 | 2023-24 | VTU27377 | Khusal Shahi | B.Tech | AERO | IV / II | Circular No.23 dated on 14.08.2025 |

The motion was moved by **Dr. E. Kannan**, Professor & Registrar, for consideration and ratification.

The motion was seconded by **Dr. S. Ramesh**, Professor & Controller of Examinations.

The motion was <u>carried</u>.

50.11   **To ratify and record the admissions made under the Migration from one Programme to another Programme in respect of the Under Graduate (UG) during the Winter Semester of the Academic Year 2025-26.**

The Vice Chancellor, placed before the Academic Council, the list of students "migrated from one programme to another programme category" in Summer Semester of the Academic Year 2025-26 for ratification.

Dr. E. Kannan, Professor & Registrar, presented the list of students admitted through migrated from one programme to another programme category in Summer Semester of the Academic Year 2025-26.

Table 6: List of Migrated Students during Summer Semester of the AY 2025-26

S.No	VTU No	NAME OF THE STUDENT	Registration No	Present Programme (studying in)	Migration Applied To
1	29111	P.VENKAT	24UESSOO48	CSE (CS)	AIML
2	28675	DURGAM SUSHMA	24UEEC0442	ECE	AIML
3	27816	VARSHINI A	24UEAD0065	AI & DS	CSE
4	30599	TEENA.A	24UESS0062	CSE (CS)	CSE
5	30219	ELLURI KARTHEEK	24UEDC0022	CSE (DS)	CSE
6	27528	POLEBOINA LOKESH	24UEEC0400	ECE	CSE
7	29851	SYED SHAROOK	24UEEC0368	ECE	CSE
8	30565	PHAKENTI JAHNAVI	24UECE0014	CSD	CSE(AI & ML)
9	30070	D.GANGA SAI CHARAN KUMAR REDDY	24UESS0010	CSE (CS)	CSE(AI & ML)
10	30372	GONE RATNA KUMAR	24UEDC0025	CSE (DS)	CSE (AI & ML)
11	30402	O.LOKESH CHOWDARY	24UECE0040	CSD	CSE (DS)
12	30631	G. HARI KRISHNA	24UESS0019	CSE (CS)	CSE (DS)
13	30329	ANDE ROSHITHA	24UEEE0003	EEE	ECE
14	30448	S.GREESHMA	24UEEE0035	EEE	ECE

15	30533	PRAGATOOR RAKESH REEDY	24UEEE0045	EEE	ECE
16	30541	R. AVINASH	24UEEE0031	EEE	ECE
17	30403	P YOGESH	24UEEE0029	EEE	ECE
18	28831	MOHAMMED FARHAN D	24UECE0035	CSD	EEE
19	30658	J RAKSHAMBIKAI	24UECS0604	CSE (AI & ML)	EEE
20	28406	R. UDAYARANJAN	24UECV0011	CIVIL	MECH

The motion was proposed and moved by **Dr. E. Kannan**, Professor & Registrar, for consideration and ratification.

The motion was seconded by **Dr. R.S.Valarmathi**, Professor & Dean (SoEC) and HoD of Dept. of Electronics and Communication Engineering.

The motion was <u>carried</u>.

50.12 **To ratify and record the courses offered by the various departments under the MOOC category as per the Regulations VTR UGE - 2021.**

The Vice Chancellor, placed before the Academic Council, the courses offered by the various departments under the MOOC category as per the Regulations VTR UGE - 2021 for ratification.

MOOC Course List can be accessed

here

Appendix MOOC Course List

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the courses offered by the various departments under the MOOC category as per the Regulations VTR UGE - 2021.

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

The motion was seconded by **Dr. K. Jagajjanani Rao**, Professor & Dean - Research Studies.

The motion was <u>carried</u>.

50.13 **To ratify and record the examination results of Semester End Examinations held during the Winter Semester of Academic Year 2024-25.**

The Vice Chancellor, placed before the Academic Council to record the result analysis of the Semester end examination held during Winter Semester of the Academic Year 2024-25 for ratification.

The Result Analysis can be

accessed here

Appendix Result Analysis

Dr. S. Ramesh, Professor & Controller of Examinations, presented the result analysis of the Semester end examination held during Winter Semester of the Academic Year 2024-25.

The motion was proposed and moved by **Dr. S. Ramesh**, Professor & Controller of Examinations, for consideration and ratification.

The motion was seconded by **Dr. R.S.Valarmathi**, Professor & Dean (SoEC).

The motion was <u>carried</u>.

D. Items for Reporting

50.14 **To report and record the ICA Activities of all programmes for the Academic Year 2025-26.**

The Vice Chancellor, placed before the Academic Council, the ICA Activities of all programmes for the Academic Year 2025-26 for ratification.

The Result Analysis can be

accessed here

Appendix ICA Activities

Dr. M. S. Muralidhar, Professor & Dean - Freshman Engineering, presented the ICA Activities of all programmes for the Academic Year 2025-26.

RESOLVED that "the ICA Activities of all programmes for the Academic Year 2025-26" moved by **Dr. M. S. Muralidhar**, Professor & Dean - Freshman Engineering, be approved and recorded.

50.15 **To report and record the results of the Ph.D. viva voce conducted since the last Academic Council held on May 24, 2025.**

The Vice Chancellor, placed before the Academic Council, the results of the Ph.D. viva voce examinations conducted since last Academic Council held on May 24, 2025 for consideration and record.

Appendix Ph.D. viva voce

Dr. S. Ramesh, Controller of Examinations, presented the report on results of the Ph.D. viva voce examinations conducted since last Academic Council held on May 24, 2025.

RESOLVED that "the results of the Ph. D. viva voce examinations conducted since last Academic Council held on May 24, 2025" moved by **Dr. S. Ramesh**, Controller of Examinations, be approved and recorded.

50.16 **To consider and record the progression and achievements of the schools and divisions with the one year strategic plan.**

a) School of Computing.

b) School of Science and Humanities.

c) Office of Industry Relations.

The Vice Chancellor, placed before the Academic Council to report the progression of School of Computing, School of Science and Humanities and office of Industry Relations and their academic achievements.

a) **School of Computing**

Prof. Dr. S. P. Chokkalingam, Professor & Dean - School of Computing, presented the Progression of School of Computing and their academic acheivements.

Progression of the School of Computing can be accessed here

RESOLVED that the Progression of School of Computing and their academic achievements submitted by Prof. Dr. S. P. Chokkalingam, Professor & Dean - School of Computing, be recorded.

b) **School of Science and Humanities**.

Dr. M. S. Muralidhar, Professor & Dean - School of Science and Humanities, presented the Progression of School of Science and Humanities and their academic acheivements.

Summary Note:

Progression of the School of Science and Humanities can be accessed here

RESOLVED that the Progression of School of Science and Humanities and their academic achievements submitted by Dr. M. S. Muralidhar, Professor & Dean - School of Science and Humanities, be recorded.

c) **Office of Industry Relations**.

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

Summary Note:

Progression of the Office of Industry Relations can be accessed here
RESOLVED that the Progression of Office of Industry Relations and their academic achievements submitted by Dr. P. Chandrakumar, Professor & Dean – R&D and Industry Relations, be recorded.

E. Closing

50.17   **Any other items with the permission of the Chairperson.**

The Vice Chancellor informed to mention the two items under this category.

1. Institutional Development Plan (IDP) will be presented in the next meeting.

2. Convocation will be tentatively scheduled in the Month of **"November, 2025"**.

50.18   **To decide the date of holding the next meeting of the Academic Council.**

It has been decided that the 51st Regular Meeting of the Academic Council will be held tentatively on **Saturday, November 29, 2025**.

50.19   **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.

50.20   **Adjournment**

The meeting was adjourned at 12.30 PM.

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

Members Present

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

Agenda Items

A. Opening

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

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

Action: All members are present in the meeting.

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

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

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

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

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

B. Items for Discussion and Approval

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

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

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

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

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

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

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

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

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

C. Items for Ratification

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

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

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

D. Items for Recording and Reporting

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

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

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

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

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

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

E. Closing

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

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

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

12|11|25

Prof. Dr. K. Jagajjanani Rao

Dean (Research Studies) & Secretary, Research Board

Vice Chancellor

Chairman, Research Board

Prof. Rajat Gupta
Vice Chancellor

Vel Tech

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

VTR DR-2025	Proposed amendment VTR DR-2025
12.7. If the scholar will complete the requirement earlier than the prescribed period, the Vice-Chancellor may permit for an early submission of synopsis and thesis before six months provided the request is justified and substantiated by commendable research work with high quality publications. In any case, fellowship support for full-time scholars will be provided for a maximum of **36 months** or until the date of thesis submission, whichever occurs earlier.	12.7. If the scholar will complete the requirement earlier than the prescribed period, the Vice-Chancellor may permit for an early submission of synopsis and thesis before six months provided the request is justified and substantiated by commendable research work with high quality publications. **In any case, fellowship support for full-time scholars will be provided for a maximum of 30 months or until the date of thesis submission, whichever occurs earlier.**
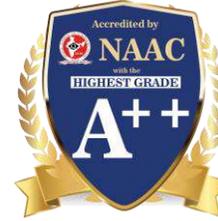
Office of the Dean Academics

INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION (IHL)

Credit Transfer Course Wise - Summer 2025-26

S.No	School	Dept.	Industry		International	
			No. of Courses	No. of Students Pass	No. of Courses	No. of Students Pass
1	SoC	AI&DS	1	7		
		AIDS	1	7		
		AIML	3	133	1	51
		CSD	1	42		
		CSE	16	915		
		CSE(AIML)	3	95		
		CSE(CS)	1	31		
		IT			1	43
2	SoEC	BIOTECH	1	31		
		BME			1	50
		ECE	3	187	8	450
		EEE	2	80		
3	SoMC	MECH	1	60		
Total			33	1588	11	594
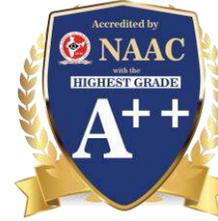
S. No	School	Dept	Course Code	Course Name	Dept	Offered by	Credit	Exp_Name	Exp_Design	Exp_Organization	Total Count	Student Registere	Eligibele	Student Exam Appeared	Pass
1	SoC	AI&DS	10215AD955	Quantum AI & Quantum Machine Learning	AI&DS	Industry	1	Jaya Kumar Tatipathi	Founder & CEO	QuantQurious Technologies	8	8	7	7	7
2	SoC	AIDS	10215AD954	Cloud Driven Artificial Intelligence	AIDS	Industry	1	Mythily Rangaraj	Associate Manager	Mastek Ltd.	7	7	7	7	7
3	SoC	AIML	10215AM956	Cloud Driven Artificial Intelligence	AIML	Industry	1	Mythily Rangaraj	Associate Manager	Mastek Ltd.	66	66	66	66	66
4	SoC	AIML	10215AM957	Quantum AI & Quantum Machine Learning	AIML	Industry	1	Jaya Kumar Tatipathi	Founder & CEO	QuantQurious Technologies	65	65	65	65	65
5	SoC	AIML	10215AM958	Cyber Threat Intelligence using Splunk	AIML	Industry	1	Mr. Sankarraj Subramanian	Founder & CEO	Prompt Infotech	2	2	2	2	2
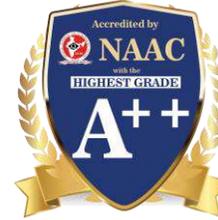
6	SoC	CSD	10215CD970	User Interaction and Experience Enhancement with AI and ML	CSD	Industry	1	G.Sakthi Lakshmi	Data Scientist	8 Queens Software Technologies	42	42	42	42	42
7	SoC	CSE	10215CS121	Edge Computing and IoT: Transforming Smart Connectivity	CSE	Industry	1	Manicka Raja	Senior Manager	NOVAC Technology Solutions	75	75	71	71	68
8	SoC	CSE	10215CS123	Microsoft Azure Fundamentals for Cloud Services	CSE	Industry	1	Bharath Aginati	Associate Consultant	CapGemini	75	75	69	69	69
9	SoC	CSE	10215CS124	AWS Data Analytics Fundamentals	CSE	Industry	1	Arun Kumar Nagaraj	Lead Data	Presidio, IntiQube Alphine Level	74	74	71	71	65
10	SoC	CSE	10215CS125	Practical Data Science for Beginners	CSE	Industry	1	P.Mohith	Data Science Consultant	LMR Infotech	75	75	75	75	75
11	SoC	CSE	10215CS129	AWS Migration and Cloud Adoption	CSE	Industry	1	Barath Kumar D	Associate - Tech Lead	Cognizant Technologies	53	53	35	35	31
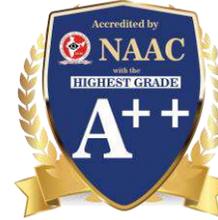
12	SoC	CSE	10215CS130	Human-Centered Design Thinking for Sustainable Development Goals(SDGs)	CSE	Industry	1	Mira Somasundaram	Founder & CEO	Astralbeat Innovations Pvt.Ltd	60	60	60	60	60
13	SoC	CSE	10215CS131	Enterpreneurship and Innovation	CSE	Industry	1	Joyal Francis	Executive Director	Smartedgeteq Pvt. Ltd	74	63	63	63	61
14	SoC	CSE	10215CS132	Introduction to Data Science with ChatGPT & Large Language Models	CSE	Industry	1	Gaurav Gopal	Director	Access Healthcare Services	52	52	41	41	40
15	SoC	CSE	10215CS133	Power BI and Data Analytics with Python for Business Intelligence Course	CSE	Industry	1	Dr.S.Gomathi	Head of Learning and Development	ATNA Technologies	61	61	51	51	50
16	SoC	CSE	10215CS136	Cyber Threat Intelligence using Splunk	CSE	Industry	1	Mr. Sankarraj Subramanian	Founder & CEO	Prompt Infotech	27	27	25	25	25
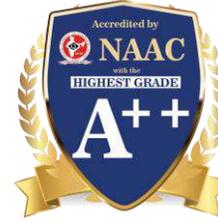
17	SoC	CSE	10215CS947	Venture Development	CSE	Industry	1	Arshath Mohammed	Co-Founder & CEO	Showbay Technologies	64	64	49	49	48
18	SoC	CSE	10215CS976	Entrepreneur Essentials	CSE	Industry	1	Mr. M. Selvam	Founder	Shortfundly - SM Smartygen Media Networks Private Limited	74	74	68	68	67
19	SoC	CSE	10215CS996	Android App Development using Java & Kotlin	CSE	Industry	1	M.Trishiraj	Professional Android Engineer	Solaris SE	61	61	57	57	57
20	SoC	CSE	10215CS997	Time Series Analytical and Forecasting	CSE	Industry	1	Kolla Ravikanth Yadav	Data Scientist	Cerpheid India	65	65	65	65	65
21	SoC	CSE	10215CS998	Explainable AI	CSE	Industry	1	Dr. Arivukkarasan Raja	Director IT	AstraZeneca	74	74	69	69	63
22	SoC	CSE	10215CS999	Modern AI Tools	CSE	Industry	1	Sindhuja Nagarajan	Consultant AI Specialist	Quambase Innovations Pvt. Ltd	76	76	72	72	71
23	SoC	CSE(AIML)	10215CA953	Intelligent Optimization and Machine Learning Applications	CSE (AI ML)	Industry	1	Dr. Marco Castellani	Associate Professor	University of Birmingham, England,UK ,dr.caste@gmail.com	60	54	54	54	54
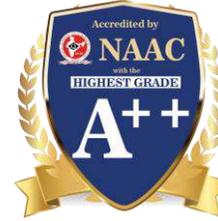
24	SoC	CSE(AIM	10215CA954	Venture Development	CSE (AI ML)	Industry	1	Arshath Mohammed	Co-Founder & CEO	Showbay Technologies	21	21	21	21	21
25	SoC	CSE(AIML)	10215CA955	User Interaction and Experience Enhancement with AI and ML	CSE (AI ML)	Industry	1	G.Sakthi Lakshmi	Data Scientist	8 Queens Software Technologies	20	20	20	20	20
26	SoC	CSE(CS)	10215CC953	Cyber Threat Intelligence using Splunk	CSE (CS)	Industry	1	Mr. Sankarraj Subramanian	Founder & CEO	Prompt Infoteh Pvt. Ltd.,	34	32	32	32	31
27	SoEC	BIOTECH	10215BT906	Explainable AI	BIO TEC H	Industry	1	Dr.Arivukkara san Raja	Director- IT	AstraZeneca	33	31	31	31	31
28	SoEC	ECE	10215EC952	Quantum Networking: The Future of Secure Communicatio ns	ECE	Industry	1	Karthiganesh Durai	Founder & CEO	Kwantum Research Labs	60	60	60	60	60
29	SoEC	ECE	10215EC953	Innovation for Electronics & Communicatio n Engineers	ECE	Industry	1	Iswarya Senthilnathan	Director	Bline Smart Homes	69	69	67	67	67
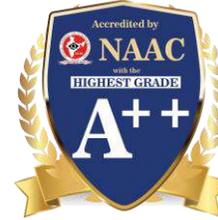
30	SoEC	ECE	10215EC956	TINYML and Embedded AI with ESP32	ECE	Industry	1	Mohsin Khan	Technical Lead	Cranes Varsity	60	60	60	60	60
31	SoEC	EEE	10215EE906	Introdcution to Electric Vehicles	EEE	Industry	1	Dr.R.Shankar	AGM- EV Operations	Switch Mobility Automotive	29	27	27	27	27
32	SoEC	EEE	10215EE907	Innovative Solutions for Sustainable Electrical Engineering	EEE	Industry	1	Iswarya Senthilnathan	Director	Bline Smart Homes	53	53	53	53	53
33	SoMC	MECH	10215ME911	AI and Sustainability: Theory and Practice	MECH	Industry	1	M.Velan	Adjunct Professor	IIITDM Kanchipuram	60	60	60	60	60
34	SoC	AIML	10215AM955	Computer Vision and Deep Learning: Fundamentals and Applications	AIML	International	2	Prof. Petia Radeva	Professor	University of Barcelona, Gran Via de les Corts Catalanes, 585, 08007 Barcelona, Spain.	55	51	51	51	51
35	SoC	IT	10215IT905	Cyber Forensics and Investigation Techniques	IT	International	2	Dr. Sundresan Perumal	Professor	Universiti Sains Islam Malayisa	60	43	43	43	43

36	SoEC	BME	10215BM906	Biomedical Image Analysis with Artificial Intelligence	BME	International	1	Dr. Utku Kose	Professor	Dept. of Computer Engineering, Suleyman Demirel University, Turkey.	50	50	50	50	50
37	SoEC	ECE	10215EC943	Technology Trends of Automotive CAN Bus	ECE	International	1	Prof. Dr. Jing Jou Tang	Professor	Southern Taiwan University of Science and Technology, Taiwan	32	32	32	32	32
38	SoEC	ECE	10215EC944	Introduction to In-Vehicle Networking	ECE	International	1	Prof. Dr. Jing Jou Tang	Professor	Southern Taiwan University of Science and Technology, Taiwan	48	48	48	48	48
39	SoEC	ECE	10215EC945	Antenna and Beamforming for Modern Communication Systems	ECE	International	1	Dr. Mohd Haizal Jamaluddin	Associate Professor	University Technology Malaysia, Malaysia	56	56	56	56	56
40	SoEC	ECE	10215EC946	RF & Microwave Circuit Design: From Thoery to Measurement	ECE	International	1	Dr. Mohd Haizal Jamaluddin	Associate Professor	University Technology Malaysia, Malaysia	78	78	78	78	78
41	SoEC	ECE	10215EC947	Self-healing and Shape-Memory Polymers	ECE	International	1	Prof. Dr. Jozef Haponiuk	Professor	Gdansk University of Technology, Poland	50	50	50	50	50
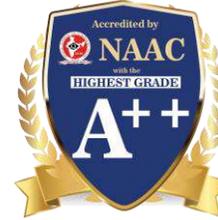
42	SoEC	ECE	10215EC948	Polymer Nanomaterials for Electronics and Allied Industries	ECE	International	1	Prof. Dr. Jozef Haponiuk	Professor	Gdansk University of Technology, Poland	69	69	69	69	69
43	SoEC	ECE	10215EC951	Energy Storage Technologies for Electronics Applications	ECE	International	1	Dr. Shuichi TORII	Professor	Kumamoto University, Japan	71	71	71	71	71
44	SoEC	ECE	10215EC955	Innovation through Design Thinking	ECE	International	1	Dr.Chockalingam Aravind Vaithilingam	Professor	Taylors University, Malaysia	52	52	46	46	46

Office of the Dean Academics

INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION (IHL)

In-plant Training - Credit Transfer Course Wise - Summer 2025-26

In Plant Training Result Processed - SS25-26			
S.No.	School	Dept	Total Students Credit Processed
1	SoC	AIDS	3
		CSE(CS)	3
2	SoEC	BME	29
		ECE	55
3	SoMC	Mechanical	7
Total			**97**
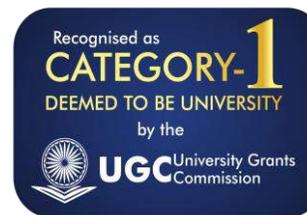
Sno	School	Dept	Category	VTU No	Name	Course code	Course name	Attendance %	Marks	Credit
1	SoMC	Mechanical	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU24342	GOKUL I	10215ME802	In-Plant Training - II	100	94	2
2	SoMC	Mechanical	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU24411	PRASANNA R	10215ME802	In-Plant Training - II	100	94	2
3	SoMC	Mechanical	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25194	VEENA GANESH	10215ME802	In-Plant Training - II	100	92	2
4	SoMC	Mechanical	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26747	PRAVEEN MANI S	10215ME802	In-Plant Training - II	100	92	2
5	SoMC	Mechanical	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27082	VETRIVEL.S	10215ME802	In-Plant Training - II	100	94	2
6	SoMC	Mechanical	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27321	V PRAMOD	10215ME802	In-Plant Training - II	100	93	2
7	SoMC	Mechanical	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27405	PRASAD A	10215ME802	In-Plant Training - II	100	94	2
8	SoEC	ECE	INDEPENDENT LEARNING	VTU24426	MADHUMITHA S	10214EC601	Minor Project - I	100	92	2
9	SoEC	ECE	INDEPENDENT LEARNING	VTU24429	MOKSHITHA AL	10214EC601	Minor Project - I	100	91	2
10	SoEC	ECE	INDEPENDENT LEARNING	VTU25759	SIRUPA SRUTHI	10214EC601	Minor Project - I	100	77	2
11	SoEC	ECE	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27373	S AMMILU	10212EC802	In-Plant Training - II	100	91	1
12	SoEC	ECE	INDEPENDENT LEARNING	VTU26866	K DEEPAK SHANMUK	10214EC601	Minor Project - I	100	66	2
13	SoEC	ECE	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26376	SYEED ARSHAD	10212EC802	In-Plant Training - II	100	83	1

14	SoEC	ECE	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26761	C.S.R.MOHAMMED WARIS	10212EC802	In-Plant Training - II	100	84	1
15	SoEC	ECE	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU23610	PALLIKONDA VARSHITH	10212EC802	In-Plant Training - II	100	87	1
16	SoEC	ECE	INDEPENDENT LEARNING	VTU24462	ANANDHA AKASH BABU	10214EC601	Minor Project - I	100	68	2
17	SoEC	ECE	INDEPENDENT LEARNING	VTU24415	B RAHUL REDDY	10214EC601	Minor Project - I	100	68	2
18	SoEC	ECE	INDEPENDENT LEARNING	VTU25153	PALAKONDA AKHIRANAND GOUD	10214EC601	Minor Project - I	100	68	2
19	SoEC	ECE	INDEPENDENT LEARNING	VTU24756	K POORNA CHANDRA	10214EC601	Minor Project - I	100	71	2
20	SoEC	ECE	INDEPENDENT LEARNING	VTU27281	DARLA RAHUL KRISHNA	10214EC601	Minor Project - I	100	81	2
21	SoEC	ECE	INDEPENDENT LEARNING	VTU24904	J SUMANTH	10214EC601	Minor Project - I	100	78	2
22	SoEC	ECE	INDEPENDENT LEARNING	VTU24748	S K SANIYA	10214EC601	Minor Project - I	100	83	2
23	SoEC	ECE	INDEPENDENT LEARNING	VTU25026	P KALAVATHI	10214EC601	Minor Project - I	100	81	2
24	SoEC	ECE	INDEPENDENT LEARNING	VTU24999	P YAMINI	10214EC601	Minor Project - I	100	86	2
25	SoEC	ECE	INDEPENDENT LEARNING	VTU26143	G LAHARI	10214EC601	Minor Project - I	100	92	2
26	SoEC	ECE	INDEPENDENT LEARNING	VTU25029	K VARASRI	10214EC601	Minor Project - I	100	81	2
27	SoEC	ECE	INDEPENDENT LEARNING	VTU24983	M GOWTHAM REDDY	10214EC601	Minor Project - I	100	68	2
28	SoEC	ECE	INDEPENDENT LEARNING	VTU24666	S SURYA	10214EC601	Minor	100	76	2

						Project - I			
29	SoEC	ECE	INDEPENDENT LEARNING	VTU24903	N JAYA VARDHANA REDDY	10214EC601	Minor Project - I	100	74	2
30	SoEC	ECE	INDEPENDENT LEARNING	VTU25283	GUNDA LAXMI SRAVANI	10214EC601	Minor Project - I	100	92	2
31	SoEC	ECE	INDEPENDENT LEARNING	VTU25258	CHITTIPAKA SUSHMA	10214EC601	Minor Project - I	100	84	2
32	SoEC	ECE	INDEPENDENT LEARNING	VTU25499	S.MD.AFZAL	10214EC601	Minor Project - I	100	78	2
33	SoEC	ECE	INDEPENDENT LEARNING	VTU25246	MAHMAD MUSKHAN	10214EC601	Minor Project - I	100	91	2
34	SoEC	ECE	INDEPENDENT LEARNING	VTU25420	SANGARAJU JOSHIKA	10214EC601	Minor Project - I	100	68	2
35	SoEC	ECE	INDEPENDENT LEARNING	VTU26141	P MAHA LAKSHMI	10214EC601	Minor Project - I	100	91	2
36	SoEC	ECE	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25295	GENTILA HARTHIKA	10212EC802	In-Plant Training - II	100	84	1
37	SoEC	ECE	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25146	KANCHI PRAYUKTHA	10212EC802	In-Plant Training - II	100	68	1
38	SoEC	ECE	INDEPENDENT LEARNING	VTU26273	PRAVEEN KUMAR S	10214EC601	Minor Project - I	100	77	2
39	SoEC	ECE	INDEPENDENT LEARNING	VTU 26285	MOHANAKRISHNAN	10214EC601	Minor Project - I	100	83	2
40	SoEC	ECE	INDEPENDENT LEARNING	VTU26679	V.SRIRAMA VENKATA SATHYA SAI	10214EC601	Minor Project - I	100	85	2
41	SoEC	ECE	INDEPENDENT LEARNING	VTU24414	KRISHNA JEYANTH B	10214EC601	Minor Project - I	100	68	2
42	SoEC	ECE	INDEPENDENT LEARNING	VTU24608	M.KAVYA	10214EC601	Minor Project - I	100	88	2

43	SoEC	ECE	INDEPENDENT LEARNING	VTU24647	TALLURI MANVITHA	10214EC601	Minor Project - I	100	87	2
44	SoEC	ECE	INDEPENDENT LEARNING	VTU24655	N NARENDRA	10214EC601	Minor Project - I	100	68	2
45	SoEC	ECE	INDEPENDENT LEARNING	VTU24672	S.TEJASVINI	10214EC601	Minor Project - I	100	78	2
46	SoEC	ECE	INDEPENDENT LEARNING	VTU24688	K.ANUSHA	10214EC601	Minor Project - I	100	87	2
47	SoEC	ECE	INDEPENDENT LEARNING	VTU24723	B.KAVYA	10214EC601	Minor Project - I	100	88	2
48	SoEC	ECE	INDEPENDENT LEARNING	VTU24745	SYED AASHIKA	10214EC601	Minor Project - I	100	91	2
49	SoEC	ECE	INDEPENDENT LEARNING	VTU24780	SHAIK ARSHAD	10214EC601	Minor Project - I	100	68	2
50	SoEC	ECE	INDEPENDENT LEARNING	VTU25519	ANBU SELVAN P R	10214EC601	Minor Project - I	100	77	2
51	SoEC	ECE	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26754	M UDAY KUMAR	10212EC802	In-Plant Training - II	100	86	1
52	SoEC	ECE	INDEPENDENT LEARNING	VTU26797	G SHARATH CHANDRA	10214EC601	Minor Project - I	100	69	2
53	SoEC	ECE	INDEPENDENT LEARNING	VTU25199	DHARANYA SHREE. M	10214EC601	Minor Project - I	100	93	2
54	SoEC	ECE	INDEPENDENT LEARNING	VTU24386	T.MADHAN	10214EC601	Minor Project - I	100	77	2
55	SoEC	ECE	INDEPENDENT LEARNING	VTU25742	JANJITHA V	10214EC601	Minor Project - I	100	92	2
56	SoEC	ECE	INDEPENDENT LEARNING	VTU24412	HARITHA.A.S	10214EC601	Minor Project - I	100	84	2
57	SoEC	ECE	INDEPENDENT LEARNING	VTU26040	BRINDHASRI S	10214EC601	Minor	100	85	2
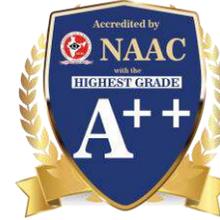
						Project - I			
58	SoEC	ECE	INDEPENDENT LEARNING	VTU25580	TARUN ADITYA	10214EC601	Minor Project - I	100	81	2
59	SoEC	ECE	INDEPENDENT LEARNING	VTU25691	V.VENKATA KRISHNA	10214EC601	Minor Project - I	100	72	2
60	SoEC	ECE	INDEPENDENT LEARNING	VTU26768	K.NAGENDRA	10214EC601	Minor Project - I	100	87	2
61	SoEC	ECE	INDEPENDENT LEARNING	VTU26711	G.S . SADDAM HUSSAIN	10214EC602	Minor Project - II	100	72	2
62	SoEC	ECE	INDEPENDENT LEARNING	VTU24563	S. LIKHITH	10214EC601	Minor Project - I	100	77	2
63	SoC	CSE(CS)	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26879	AFLAH	10215CC901	Internship	100	95	2
64	SoC	CSE(CS)	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU24433	B GAYATTHRI	10215CC901	Internship	100	98	2
65	SoC	CSE(CS)	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25338	MADAMANCHI SATHWIK	10215CC901	Internship	100	91	2
66	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25293	Mr.B Shahith Akeel	10215BM802	In-Plant Training II	100	94	2
67	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27374	Mr. Immanuel V	10215BM802	In-Plant Training II	100	88	2
68	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU24713	R Rajaprasanth	10215BM802	In-Plant Training II	100	92	2
69	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27238	A.Sangamithra	10215BM802	In-Plant Training II	100	89	2
70	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27385	Gopika V	10215BM802	In-Plant Training II	100	88	2
71	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25450	Caran Varshana	10215BM802	In-Plant Training II	100	92	2

72	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26408	B Ramana	10215BM802	In-Plant Training II	100	93	2
73	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU24746	S.Jyothika	10215BM802	In-Plant Training II	100	91	2
74	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27386	Pavithra .T	10215BM802	In-Plant Training II	100	93	2
75	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25963	P. M. Harithra	10215BM802	In-Plant Training II	100	83	2
76	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26780	Vishalakshi	10215BM802	In-Plant Training II	100	91	2
77	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25827	Mohamed Haseem	10215BM802	In-Plant Training II	100	86	2
78	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27218	Shaik Manjoor Ahmed	10215BM802	In-Plant Training II	100	81	2
79	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27084	P Akshaya	10215BM802	In-Plant Training II	100	93	2
80	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27126	M.S.S.A.L Indira	10215BM802	In-Plant Training II	100	93	2
81	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU22836	Daniel Ford	10215BM802	In-Plant Training II	100	89	2
82	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27169	M.R.Pooja	10215BM801	In-plant Training I	100	91	1
83	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU24484	M.Bhavana	10215BM801	In-plant Training I	100	86	1
84	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26734	S.Divya dharshini	10215BM801	In-plant Training I	100	83	1
85	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25161	S.Thidchanya	10215BM801	In-plant Training I	100	93	1
86	SoEC	BME	INDUSTRY/HIGHER LEARNING	VTU26407	Oviya.T	10215BM801	In-plant	100	94	1
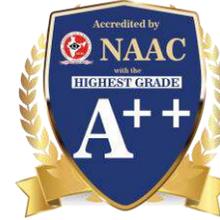
			INSTITUTE INTERACTION				Training I		
87	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU25094	Sheik Abdulla R	10215BM801	In-plant Training I	100	92	1
88	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU24380	Gokul.S	10215BM801	In-plant Training I	100	92	1
89	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27294	Ashfaq Khan.M	10215BM801	In-plant Training I	100	94	1
90	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU27326	Lingeshwaran	10215BM801	In-plant Training I	100	87	1
91	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU23779	Dayyappu Vyshnavi Pragna	10215BM801	In-plant Training I	100	91	1
92	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU23867	M Manjushri	10215BM801	In-plant Training I	100	94	1
93	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU 23310	Sanikommu Siddartha Reddy	10215BM801	In-plant Training I	100	91	1
94	SoEC	BME	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU 24215	Yelchuri Vinitha	10215BM801	In-plant Training I	100	94	1
95	SoC	AIDS	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU24620	P G Prathap Ghowthri	10215AD901	Internship	100	95	2
96	SoC	AIDS	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26330	C Rupali	10215AD901	Internship	100	98	2
97	SoC	AIDS	INDUSTRY/HIGHER LEARNING INSTITUTE INTERACTION	VTU26233	Monika Sri V U	10215AD901	Internship	100	96	2

Academic Calendar

For All Higher Semester Students (3/5/7/9(Law)) – B.Tech., / B.Com., / B.B.A., / B.Sc., / B.A. LL.B. (Hons.),/B.Com. LL.B. . (Hons.),/M.Tech., / M.Sc., / M.A., / M.B.A.

Academic Year 2025-26

Particulars	SUMMER SEMESTER	WINTER SEMESTER
Commencement of Semester Registration and Course Registration	26 May 25	24 Nov 25
Last Date for Semester Registration and Course Registration / withdrawal of course(s)	13 Jul 25	08 Dec 25
Last Date for Semester Registration (with late fee) and Course Registration and **Commencement of Class Works**	21 Jul 25	15 Dec 25
Commencement of Test - 1	21 Aug 25	30 Jan 26
Commencement of Test - 2 / Commencement of Mid Term Test - 1	25 Sep 25	04 Mar 26
Commencement of Test - 3 / Commencement of Mid Term Test – 2 / Commencement of Model-Practical Exams	23 Oct 25	01 Apr 26
Last Instructional Day	05 Nov 25	15 Apr 26
EXAMINATIONS		
Publication of Eligible List	07 Nov 25	17 Apr 26
Semester End Laboratory Examinations	10 Nov 25	20 Apr 26
Commencement of Semester End Theory Examinations	17 Nov 25	27 Apr 26
HOLIDAYS		
LIST OF PUBLIC HOLIDAYS	AS PER TAMIL NADU STATE GOVERNMENT PUBLIC HOLIDAYS	
Pongal Holidays (14 days)	08 Jan 26 to 21 Jan 26	

Commencement of the Next Academic Year (2026-27) is 01 July 2026 (Tentatively)

Prof. (Dr). Baju Shanmuga 13/5/25
Dean - Academics

Vel Tech
Rangarajan Dr. Sagunthala

Rajat Gupta
Vice Chancellor

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

NAAC A++

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

Date: 16 – June – 2025

Academic Calendar

For All First Year Students - B.Tech., / B.Com., / B.B.A., / B.Sc., / B.A. LL.B. (Hons.),/ B.Com. LL.B. . (Hons.), / M.Tech., / M.Sc., / M.A., / M.B.A.

Academic Year 2025-26

Particulars		SUMMER SEMESTER	WINTER SEMESTER
Commencement of IcA programme		10 Jul 25	Not Applicable
IcA Holidays		30 Jul 25 to 03 Aug 25	Not Applicable
Commencement of Semester Registration and Course Registration		-	24 Nov 25
Last Date for Semester Registration and Course Registration / withdrawal of course(s)		-	08 Dec 25
Last Date for Semester Registration (with late fee) and Course Registration and **Commencement of Class Works**		04 Aug 25	17 Dec 25
B.Tech/ B.Com. LL.B. (Hons)/ B.A. LL.B. (Hons) / M.Tech., / M.A., / M.Sc., / M.B.A.	Commencement of Test – 1	22 Sep 25	18 Feb 26
	Commencement of Test – 2/ Commencement of Model Practical	10 Nov 25	09 Apr 26
B.Sc., / B.B.A., / B.Com.,	Commencement of Test – 1	10 Sep 25	09 Feb 26
	Commencement of Test – 2	13 Oct 25	09 Mar 26
	Commencement of Test – 3/ Commencement of Model Practical	12 Nov 25	13 Apr 26
Last Instructional Day		21 Nov 25	22 Apr 26
EXAMINATIONS			
Publication of Eligible List		24 Nov 25	24 Apr 26
Semester End Laboratory Examinations		26 Nov 25	27 Apr 26
Commencement of Semester End Theory Examinations		03 Dec 25	06 May 26
HOLIDAYS			
LIST OF PUBLIC HOLIDAYS		AS PER TAMIL NADU STATE GOVERNMENT PUBLIC HOLIDAYS	
Pongal Holidays (14 days)		08 Jan 26 to 21 Jan 26	

Commencement of the Next Academic Year (2026-27) is 01 July 2026 (Tentatively)

Prof. (Dr). Raju Shanmugam
Dean - Academics

Prof. Rajat Gupta
Vice Chancellor

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

NAAC A++

CATEGORY-1
DEEMED TO BE UNIVERSITY
by the
UGC

Date: 19 – Nov – 2025

Academic Calendar

For All Programmes - B.Tech., / B.Com., / B.B.A., / B.Sc., / B.A. LL.B. (Hons.), / B.Com. LL.B. . (Hons.), / M.Tech., / M.Sc., / M.A., / M.B.A.

Academic Year 2025-26

Particulars		WINTER SEMESTER
Commencement of Semester Registration and Course Registration		27 Oct 25
Last Date for Semester Registration and Course Registration / withdrawal of course(s)		01 Dec 25
Last Date for Semester Registration (with late fee) and Course Registration		08 Dec 25
Commencement of Class Works		17 Dec 25
B.Tech (First Year)/ B.Com. LL.B. (Hons)/ B.A. LL.B. (Hons) / M.Tech., / M.A., / M.Sc., / M.B.A.	Commencement of Test – 1 / Mid-Term-1	24 Feb 26
	Commencement of Test – 2 / Mid-Term-2	20 Apr 26
B.Tech (All Higher Semester) / B.Sc., & B.B.A., & B.Com.,	Commencement of Test – 1	03 Feb 26
	Commencement of Test – 2 / Mid-Term-1	24 Mar 26
	Commencement of Test – 3/Mid-Term-2	04 May 26
Commencement of Model Practical		27 Apr 26
Last Instructional Day		08 May 26
EXAMINATIONS		
Publication of Eligible List		11 May 26
Commencement of Semester End Laboratory Examinations		12 May 26
Commencement of Semester End Theory Examinations		19 May 26
HOLIDAYS		
LIST OF PUBLIC HOLIDAYS		AS PER TAMIL NADU STATE GOVERNMENT PUBLIC HOLIDAYS
Non Instructional Days (14 days) for Students		08 Jan 26 to 21 Jan 26
Commencement of the Next Academic Year (2026-27) is 08 July 2026 (Tentatively)		

Prof. (Dr). Raju Shanmugk
Dean - Academics

Vel Tech
Rangarajan Dr. Sagunthala

PROPOSAL FOR THE CONDUCT OF 15th CONVOCATION

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

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

2,623 Undergraduates

313 Postgraduates

95 Ph.D. scholars

Apart from the recipients of the Degree, the Prize and Medal winners will also be honoured in the convocation ceremony.

Each day is expected to host nearly 3,000 participants, including graduands, parents, dignitaries, and guests.

Day 1 – 29 November 2025

Chief Guest:

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

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

They will deliver special addresses during the session.

Day 2 – 30 November 2025

Chief Guest:

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

Guests of Honour:

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

They will deliver special addresses on the second day.

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

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

Dr. V. Narayanan Chairman ISRO, Secretary DOS

Dr. V. Narayanan, Distinguished Scientist (Apex Grade), assumed the charge of Secretary, Department of Space, Chairman, Space Commission and Chairman, ISRO on the afternoon of 13th January, 2025. Prior to this, he served as Director, Liquid Propulsion Systems Centre (LPSC), one of the major Centres of the Indian Space Research Organisation (ISRO), with its headquarters at Valiamala in Thiruvananthapuram and a unit at Bangalore. As Director, he provided techno-managerial leadership to LPSC, which is engaged in the development of Liquid, Semi-Cryogenic and Cryogenic Propulsion Stages for Launch Vehicles, Chemical and Electric Propulsion Systems for Satellites, Control Systems for Launch Vehicles and Transducer development for propulsion system health monitoring.Dr. V. Narayanan, who is a Rocket & Spacecraft Propulsion Expert, joined ISRO in 1984 and functioned in various capacities. During the initial phase, for 4.5 years, he worked in the Solid Propulsion area of Sounding Rockets and Augmented Satellite Launch Vehicle (ASLV) and Polar Satellite Launch Vehicle (PSLV) in Vikram Sarabhai Space Centre (VSSC). He contributed to process planning, process control and realization of Ablative nozzle systems, Composite motor cases and Composite Igniter cases.

In 1989, he completed his M.Tech in Cryogenic Engineering with First Rank at IIT-Kharagpur and joined the Cryogenic Propulsion area in Liquid Propulsion Systems Centre (LPSC). ISRO's Geosynchronous launch vehicles, namely GSLV Mk-II & GSLV Mk-III, capable of placing 2- Tonne & 4-Tonne class Communication Satellites

in Geo Transfer Orbit, have Cryogenic Propulsion Stages as terminal stages.

As one of the few Cryogenic members working in this area in the beginning, he carried out fundamental research, theoretical & experimental studies and contributed to the successful development and testing of Cryogenic subsystems, namely Gas Generator, Sub-scale Cryogenic engine of 1-tonne thrust and Thrust Chamber of 12-tonne thrust.

Considering the long lead time required for the development of the Cryogenic stage of GSLV Mk- II vehicle, for meeting the initial flights, a few cryogenic stage hardware were procured from Russia. As an expert in Cryogenic propulsion, he contributed to the development of mission management systems, contract management and the successful flights of the GSLV Mk-II vehicle with procured cryogenic stages.

For the sustained operation of GSLV Mk-II, initially, ISRO planned for technology acquisition of the Cryo Stage for manufacturing in India. However, due to geopolitical reasons, the technology acquisition did not succeed and ISRO decided to develop CUS indigenously. Dr. V. Narayanan played a crucial role in the successful development of the Cryogenic Upper Stage (CUS) and contributed to making it operational for the GSLV Mk-II vehicle.

For the GSLV Mk-III Experimental mission with CARE module, he conceived and realized the Passive Cryogenic Stage and contributed to the successful experimental flight. As the Project Director of the C25 Cryogenic Project, he provided techno-managerial leadership, conceived, designed and developed the 25-tonne Cryogenic Propulsion System of the GSLV Mk-III Launch Vehicle powered by an engine developing a thrust of 200kN. He contributed to establishing the necessary infrastructure and facilities for design, analysis, realization, testing and launching. Due to his innovative approach, the C25 Cryo Stage was developed under his guidance in the shortest time frame with all successful tests and was inducted into the GSLV Mk-III vehicle.
Subsequently, he also made the stage operational.
His contribution made India one among six countries in the world to have complex and high- performance cryogenic propulsion systems, achieving self-reliance in this area.

Parallelly, he completed his Ph.D. in Aerospace Engineering from IIT-Kharagpur in 2001. The work carried out as part of his M.Tech thesis titled "Cavitating Venturies for Flow Control in Cryogenic Rocket Engines" and Ph.D. thesis titled "Thrust and Mixture Ratio Regulation Systems for Cryogenic Rocket Engines" were directly employed in the development of Indian Cryogenic Propulsion Systems.

For the GSLV Mk-III M1/Chandrayaan-2 Mission, the L110 Liquid Core Stage and C25 Cryogenic Stage were delivered for the vehicle. Propulsion systems for the Orbiter and Vikram lander, which include the throttleable thrusters for soft landing, were also developed and delivered for the Chandrayaan-2 Mission under his guidance. As the Chairman of the National Expert Committee constituted to study the reasons for the hard landing of the Chandrayaan-2 lander, he contributed to pinpointing the reasons and corrective actions required to overcome the observations. He realised and delivered all the Propulsion Systems for Chandrayaan-

Debashis Bimalprakash Neogi
Managing Director, RNTBCI

With over three decades across India and Europe's automotive landscape, **Debashis Neogi**, Managing Director, **Renault Nissan Technology & Business Centre India**, has led transformative work in powertrain engineering, vehicle development, and embedded software. From the Renault Duster's India launch to shaping next-gen platforms in Europe, his journey is marked by innovation, leadership, and global impact.

Mr. Anil Kempanna Managing Director Global Lead, Silicon-to-Software Engineering

Mr. Anil stated that he had over three decades of experience in the semiconductor industry and had successfully delivered more than 65 products across various market segments, including Intelligent Edge Computing, Personal Computing, IoT, and smartphones. He mentioned that he had worked at Intel, Qualcomm, Texas Instruments, Cadence, and Ensemble Communications, a fixed broadband wireless startup.

He explained that in his role as Vice President and General Manager at Intel, he had led Silicon Product Development for the Network and Edge Group, as well as other business groups. He added that those state-of-the-art technology products in AI and Smart Edge were driving differentiated use cases and features, contributing significantly to the company's revenue. He further stated that within a span of less than 4.5 years, as part of corporate-level transformation strategies, he had played a key role in identifying problem statements and driving solutions with Velocity across global teams for multiple programs, which had significantly reduced time-to-market.

He observed that technology and businesses were continually evolving in the dynamic environment of the present day.

Seminar

Dynamics of Falling Drops

Prof. Gautam Biswas
Indian Institute of Technology Guwahati
Dec 31, 2015 (Thu.) 11:00

Place：一樓演講廳(The Auditorium on 1F)

接待人 (Host): 陳彥龍(Chen,Yeng-Long) 博士 ／聯絡人 (Contact):饒宇軒 Rao,Cindy 02-2789-8916

Abstract:

Multi-fluid systems play an important role in many natural and industrial processes such as rising bubbles in bubble column reactors, boiling, ink jet printing, painting, biological systems, rain drop impact phenomenon etc to mention few. Albeit the existence of a number of experimental, theoretical analysis and numerical studies on multiphase flows, a full understanding of the behavior of multi-fluid system is still lacking. Various numerical techniques, such as the volume of fluid method (VOF), level set method (LS), coupled level set and volume of fluid method (CLSVOF), front tracking method (FT) etc. are deployed to solve these multi-fluid systems. We have used the CLSVOF method to investigate the partial coalescence phenomena during drop impact on liquid-liquid interface. Our study deals with the understanding of drop dynamics during partial coalescence. When a drop of liquid 1 falls through liquid 2 to eventually hit the liquid 2-liquid 1 interface, its initial impact on the interface can produce daughter droplets of liquid 1. In some cases, a partial coalescence cascade governed by self-similar capillary-inertial dynamics is observed, where the fall of the secondary droplets in turn continues to produce further daughter droplets. Whenever the horizontal momentum in the liquid column, formed due impact of primary drop, is more than the vertical momentum, secondary drop is formed. A transition regime from partial to complete coalescence is defined based on oscillation of the neck radius. The transition between coalescence and splashing proceeds via a number of intermediate steps, such as thick and thin jet formation and gas-bubble entrapment. We perform simulations to determine the conditions under which bubble entrapment and jet formation occur.

a. Name: Dr. R. Vijay

b. Qualification: M.Tech., Ph.D.

c. Designation: Scientist-F and Team Leader

d. Contact information:
Centre for Nanomaterials (CNM)
Office: +91-40-24452334,
              24443170
Home: +91-40-23261007
Fax: +91-40-24442699
Email: vijay@arci.res.in

e. Experience:

He worked at Non Ferrous Materials Technology Development Centre (NFTDC) as an Assistant Project Manager from 1992 to 1994 on development and setting up of a pilot plant facility for "Extraction of Molybdenum from Molybdenite Concentrate". After joining International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) as a scientist in 1994, he has been working on Heat Pipe based Heat Transfer devices, Mechanical Alloying, Hydrogen Storage Materials, Nanostructured Materials, Oxide Dispersion Strengthened Steels and Simoloyer Technology. He has immense interest in using Mechanical Alloying as a technique to produce materials for critical technologies. Presently he is holding Scientist 'F' position and Head of Centre for Nanomaterials at ARCI.

f. Research Areas of Interest:

Nanostructured materials, High Kinetic Processing (Mechanical Alloying), Oxide Dispersion Strengthened Materials, Powders for Additive Manufacturing, Powder Metallurgy, Biomaterials and Hydrogen Storage Materials.

g. Awards and Honours:

1. FTCCI Excellence Award – 2016-17 for Individual achievement in Science and Engineering (Chelikani Atchut Rao Award) from Federation of Telangana Chamber of Commerce and Industry

2. Fellow of Telangana Academy of Sciences in recognition of his contributions to Science and Technology from Telangana Academy of Sciences, 2018

3. Indo-US Fellowship for working at Department of Materials, University of California, Santa Barbara, USA, under Prof. G.R. Odette. Aug. 2010 – Feb 2011.

4. "Engineer of the Year 2007" award from Andhra Pradesh state government and Institution of Engineers, Hyderabad Centre.

5. DST-DAAD fellowship for working at IKE, University of Stuttgart, Germany, under Prof. M. Groll. Aug 2005 – Nov 2005.

L&T recently announced the appointment of Kalyanaraman S as Executive Vice President & Head - Industrial Machinery Business. In this role, he will oversee L&T Valves, the Rubber Processing Machinery Business, and L&TCEL.

Kalyanaraman S brings over 35 years of rich and diverse experience in sales & marketing, manufacturing, business development, channel management, and operations. Known as a "Transformational Leader & Change Agent," he has a proven track record of turning products into profitable ventures through strategic planning and re-engineering operations.

Kalyanaraman S possesses expertise in developing new businesses, managing business partners, and driving sales and market share growth in highly competitive environments both in India and globally. He is recognized for his ability to translate corporate vision into actionable plans and inspire teams to achieve successful outcomes in complex situations.

Vel Tech

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

Sl. No. : **00023**

The Executive Council of
Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science
and Technology (Deemed to be University)
hereby makes known that

V. NARAYANAN

has been conferred the Degree of

Doctor of Science

Honoris Causa

in recognition of his outstanding contributions to
Aerospace Engineering
at 15th Convocation held on

29th November 2025

Given under the seal of this Deemed to be University

Chennai – 600 062
India

Date : 29-Nov-2025

Prof.Dr. E. Kannan
Registrar

Prof.Dr.Rajat Gupta
Vice Chancellor

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

PH.D. VIVA VOCE COMPLETED CANDIDATES NAME LIST - NOV 2025

S.No	Reg.No	Name	Dept		Mode of Study (PT/FT)	Supervisor Name	Title
1	20RECV1016	Ali Younes Ebrahim	Civil	2016	FT	Dr. Kandasamy S	Experimental Studies on the Synergistic Effect of Multi-Walled Carbon Nanotubes and Glass Fibers on the Mechanical and Durability Properties of Concrete
2	20REEC1003	Parthiban Aravamudhan	ECE	2016	FT	Dr. T. Kanimozhi	Development of Integrated Metaheuristic and Learning Algorithm Strategies for Intrusion Detection and Prevention System
3	17RMBM1003	Ravichandra B S	Management Studies	2016	PT - External	Dr. Geeta Kesavaraj	Influence of Apparel Retail Stores Attributes on Loyalty in Relationship with Buying Behaviour
4	20RECS1034	Kavitha V K	CSE	2016	PT - External	Dr. Sankar M	A Deep Neural Network based Collaborative Book Recommendation System using Weighted Alternating Least Squares Method
5	20REAU1008	Arunraj R	AUTO	2016	FT	Dr. Amala Justus Selvam	Investigating the Synergistic Effects of Algae Biodiesel Blends, Nano Additives and Engine Parameters on Performance, Emission and Combustion Characteristics of a VCR Engine
6	20RHEG1011	Priyadarshini S	English	2016	FT	Dr. P. Revathi	Gynocentric Magical Realism: Weaving Cultural Tapestries, Food and Self-Savouring in Sarah Addison Allen's Enchanted Narratives
7	20RECS1019	K. Chaitanya	CSE	2016	PT - External	Dr. Dhanabalan G	Enhanced Quality of Service Mechanisms in Wireless Sensor Network for Secure Data Transmission
8	20RHMA1001	Bramila M	Mathematics	2016	PT - External	Dr. Meenakshi A	A Study on Certain Topological Indices and Dominating Energy of Graphs

9	22RHMA2005	Manikandan S	Mathematics	2016	FT	Dr. T. Gunasekar	Mathematical Modeling of Infectious Diseases using Fractal-Fractional Analysis
10	19REEC1005	Rajesh A	ECE	2016	PT - External	Dr. Kanmani Ruby E.D.	Design and Development of Adaptive Deep Learning-Driven Framework for Optimizing QoS Performance and Security in Wireless Sensor Networks
11	21RECV1001	Anstey Vathani T	Civil	2016	FT	Dr. Logeshwari J	Enhanced Recycled Concrete Aggregate Liner for Landfill Leachate Filtration System Treatment Strategies, Prototype Performance and Life Cycle Assessment
12	17REEC1025	Nitesh Gaikwad	ECE	2016	PT - External	Dr. Shiyamala S	Development of Integrated Microarchitecture Framework for Energy Efficient and Intelligent Dynamic IoT Communication
13	20REEC1025	Murugan C	ECE	2016	FT	Dr. T. Kavitha	Design and Development of Multi-Band Antennas for LTE, 5G NR, V2X, and Wi-Fi Applications
14	21RHBT1001	H. Shilo Nesa Sherlin	Biotech	2016	FT	Dr. Tarangini Korumilli	Studies on Augmentation of Textile Materials using Green route Synthesized Nanomaterials and their Applications
15	20REEE1004	Prasanna Kumar Inampudi	EEE	2016	PT - External	Dr. P. Chandrasekar	Analysis and Design of Novel Soft Switching High Voltage Gain DC Converters for Renewable Energy Applications
16	20REEC1038	Ramasamy R	ECE	2016	PT - External	Dr. Anto Bennet M	An Intelligent Antenna Parameters Estimation using Optimized Machine Learning Approach
17	17REEC1022	Lingaiah Jada	ECE	2016	PT - External	Dr. Shiyamala S	Analysis of SER for GFDM System using MRT Technique under Wireless Fading Channels
18	22RHEG1004	Revathy J	English	2016	FT	Dr. S. Murugavel	Unveiling Minds through Stream of Consciousness: Psychological, Social and Cultural Reflections in Anuradha Roy's Novels

19	21RHEG1002	Reshika T	English	2016	FT	Dr. P. Revathi	Psychological Dynamics of the Protagonists: A Gynocentric Exploration Through Transformative Learning in Select Works
20	20RECS1035	Lijetha C Jaffrin	CSE	2016	PT - Internal	Dr. Visumathi J	Deep CVD-M3NET: A Fuzzy-Aware Multistage Framework for Cardiovascular Disease Prediction and Stage-wise Classification
21	21RHMA1001	Devi Latha S	Mathematics	2016	PT - External	Dr. Niranjan S.P.	Analysis of Bulk Queueing Models with Diverse Service Strategies, Load Balancing and Threshold based Renovation
22	21REAE1001	B. Kirubadurai	AERO	2016	PT - Internal	Dr. R. Jaganraj	Integrated Optimization of PTFE-Coated Hydrogen Storage Cylinders and Fuel Cell Systems for Sustainable and Efficient Energy Solutions in UAV Operations
23	20REME1013	K. Sunil Kumar	MECH	2016	PT - External	Dr. Sumathy Muniamuthu	Performance Testing on Unmodified Diesel Engine Oil Derived from Two Stage Waste Plastics Energy Efficient Reactor
24	20RHLW1007	Thakur M Jethani	Law	2016	PT - External	Dr. Sadem Thaviti Naidu	Administration of Justice for Environmental Enforcement Mechanism
25	21RECS1003	Gurujukota Ramesh Babu	CSE	2016	PT - External	Dr. Gokuldhev M	Hybrid Machine Learning Enhanced IoHT Architecture for Intelligent Detection and Real time Altering of Tomato Leaf Diseases
26	20RECV1004	Sridhar.M	Civil	2016	FT	Dr. Vinodkumar M	Structural and Sustainability Enhancement of Composite Sandwich Slab Panels using Novel Fibre Reinforced Geopolymer Concrete
27	22RHMA2007	Raghavendran P	Mathematics	2016	FT	Dr. T. Gunasekar	Existence, Uniqueness, Stability, and Controllability of Impulsive Neutral Fractional Volterra-Fredholm Integro-Differential Systems with State-Dependent Delay for Applications in Artificial Intelligence and Cryptography
28	19RECV1006	V. Anish	Civil	2016	FT	Dr. Logeshwari J	Evaluation on the Characteristics of Hybrid Fibre Reinforced High Performance Concrete Incorporated with Graphene Oxide

29	20RECS1013	V. Usha	CSE		2016	PT - Internal	Dr. Rajalakshmi N.R.	Exploration and Implementation of an Ensemble-Featured and Optimized Machine Learning Framework for Accurate Diabetes Prediction
30	19RECS1021	M. Geetha Yadav	CSE		2016	PT - External	Dr. S.P. Chokkalingam	Secure and Efficient Similarity-Based Image Retrieval Approach for Cloud Storage using Deep Learning
31	20REEC1024	Brenda M	ECE		2016	PT - External	Dr. C.R. Bharathi	Design and Development of Wearable Antennas for Cross-Body Communication
32	21RHLW1003	Swathy P S	Law		2016	FT	Dr. Venugopal B	Right to Health of Tribal Women in Kerala with Special Reference to Wayanad District: A Socio-Legal Study
33	19RECS1019	Jayaram Boga	CSE		2016	PT - External	Dr. V. Dhilip Kumar	Exploring Methods for Human Activity Recognition using Wireless Body Area Network

Office of the Dean Academics

NPTEL/SWAYAM Credit Transfer Report

Credit Transfer Course Wise - Winter 2024-25

S.No	School Name	Department	No. of Students Completed Credits (1/2/3)
1	S&H	Chemistry	56
		English	5
		Maths	6
		Physics	4
2	SCom	Commerce	5
3	SoC	AIDS	11
		CSE	2304
		CSE(DS)	10
		IT	132
4	SoEC	BioTech	49
		BME	142
		ECE	618
		EEE	107
5	SoM	MBA	39
6	SoMC	Aero	43
		Civil	46
		Mechanical	201
7	Other	Multidisciplinary	3
	Grand Total		**3781**

Vel Tech

Dean School of Electrical and Communication Vel Tech, Chennai
<deansoe@veltech.edu.in>

Execution Plan of NASSCOM Embedded Software Engineering Bootcamp Curriculum and Course Content - Reg.

2 messages

Dean School of Electrical and Communication Vel Tech, Chennai   Mon, Jul 28, 2025 at 10:26
<deansoe@veltech.edu.in>   AM
To: satish@nasscom.in

Dear Sir,

Greetings of the day!

Hope this mail finds you well. As per our discussion about the progression of the NASSCOM Embedded Software Engineering Bootcamp on 22-07-2025 at our university, I have enclosed the execution plan of the entire training program from Third semester to Sixth semester and also the course content of "**Embedded Software Engineering - I"** which covers the first two modules of the NASSCOM Embedded Software Engineering Bootcamp Curriculum. Kindly go through the documents and give your approval to proceed further.

Thanks and Regards,

Dr. R.S. Valarmathi, M.E., Ph.D., SMIEEE. & IEEE-SBC
Dean School of Electrical and Communication
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
Avadi, Chennai - 600 062.
Mail to : deansoe@veltech.edu.in
Mobile : 95660 73033

2 attachments

📄 **Embedded Software Engineering - I.docx**
23K

📄 **NASSCOM Bootcamp Execution Plan.docx**
688K

Satish Kumar D V (nasscom) <Satish@nasscom.in>   Mon, Jul 28, 2025 at 11:22 AM
To: "Dean School of Electrical and Communication Vel Tech, Chennai" <deansoe@veltech.edu.in>

Dear Madam

I hope this email finds you well,

The attached alignment seems good, you can go ahead with the curriculum mapping.

Regards

Satish D.V

From: Dean School of Electrical and Communication Vel Tech, Chennai <deansoe@veltech.edu.in>
Sent: 28 July 2025 10:27
To: Satish Kumar D V (nasscom) <Satish@nasscom.in>
Subject: Execution Plan of NASSCOM Embedded Software Engineering Bootcamp Curriculum and Course Content - Reg.

CAUTION: This is an EXTERNAL email. Do not click on links or open attachments unless you recognize the Sender/Email id .

[Quoted text hidden]

Course Code	Course Name	L	T	P	C
10212EC906	**Embedded Software Engineering - I**	**2**	**0**	**2**	**3**

a.) Course Category

Program Elective

b.) Preamble

The objective of this course is to impart the concepts of design life cycles, compilation debugging process and security in an embedded system connect to the real time applications.

c.) Prerequisite Courses: -

d.) Related Courses:

e.) Course Outcomes:
Upon Successful completion of this course, students will be able to

CO Nos	Course Outcome	K-Level Based on Revised Bloom's Taxonomy
CO1	Explain the architecture, components, standard hardware interfaces, and datasheets of embedded systems.	K2
CO2	Describe the functional role of microprocessors, microcontrollers and peripherals in embedded systems, and its various debugging techniques used during development.	K2
CO3	Interpret various SDLC models for embedded system development.	K2
CO4	Outline the model-based approaches such as TDD, BDD, and MDD used in embedded system design.	K2
CO5	Summarize key security principles and testing procedures applicable to embedded and IoT systems.	K2

f.) Correlation CO's with PO's and PSO's

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2
CO1	M	M	L	-	L	L	-	-	-	-	-	L	-
CO2	M	M	M	-	L	-	-	-	-	L	L	M	-
CO3	-	L	L	L	-	-	-	-	-	-	L	L	-
CO4	-	L	L	L	-	-	-	-	-	-	L	L	-
CO5	-	-	M	M	-	-	L	-	-	L	L	M	L

g.) Course Content

Unit-I Fundamentals of Embedded Systems 6

Embedded Systems Architecture, Classification of Embedded System, Standard Interfaces-Understanding Datasheet, Software Tool Chain: Preprocessor-Compiler-Debugger-Assembler-Linker/Loader, Electrostatic Discharge Essentials.

Unit-II Components of Embedded Systems 6

Microprocessor-Microcontroller-I/O interfaces: LCD, LED, Keypad, Switches, Touch Screen, Memory, Board based system- Processor based system, Debugging Techniques: High level simulation - Low level simulation - Onboard debuggers - Task Level debuggers - Symbolic debuggers-Emulators.

Unit-III Software Development Life Cycle (SDLC) 6

SDLC Overview- Hardware and Software Aspects-SDLC Models-Waterfall Model-V Cycle Model-Spiral Model-Conventional Model-Co Design Model.

Unit-IV Architecting the System 6

Test Driven Development, Behavior Driven Development, Model Driven Development, Architecting and Designing the System, Languages and Static Code Analysis, Code Repository-Build and Deployment Process, Measurement and Metrics.

Unit V System Security 6

SDLC-Security Development Life Cycle- Embedded Testing-IoT Security

Total-30 Hours

Experiment No	Experiment
1.	Exploring the components of an Embedded System
2.	Basic C Programming: Structure and Syntax Overview
3.	Manipulating Arrays in C
4.	Pointer Fundamentals: Addressing and Data Access in C
5.	Modular Programming: Defining and Calling Functions in C
6.	Call by Value vs Call by Reference in Function Parameter Passing
7.	Exploring Open-Source C Compilers for General-Purpose Programming

8.	Implementing and Analyzing String Manipulation Functions in C
9.	Initial Setup and Installation of Keil IDE for Microcontroller Programming
10.	Developing a Traffic Light Simulation: LED Control Program
11.	Creating a Minimal C Program for Text Output Verification
12.	Developing a Functional ALU Module for Processor Simulation

h.) Resources:

Reference Books:

1. Steve Heath "Embedded Systems Design" Second Edition, Elsevier 2003
2. James K.Peckol, "Embedded Systems: A Contemporary Design Tool", Wiley, 2019.

Online Resources:

1. Nasscom Study Material

Fwd: Request for Review and Recommendation – New Course on Linux System Programming and Linux Device Drivers -reg

1 message

Asst.Prof.,ECE Vel Tech, Chennai <drrajendiranp@veltech.edu.in>   Wed, Nov 12, 2025 at 1:34 PM
To: drpreethid@veltech.edu.in

---------- Forwarded message ---------
From: **HOD ECE Vel Tech, Chennai** <hodece@veltech.edu.in>
Date: Mon, 15 Sep 2025, 17:01
Subject: Fwd: Request for Review and Recommendation – New Course on Linux System Programming and Linux Device Drivers -reg
To: Dr. M. Sathesh, AP-ECE, VTU <drsatheshm@veltech.edu.in>, Asst.Prof.,ECE Vel Tech, Chennai <drrajendiranp@veltech.edu.in>

Sir,
Please refer to the trailing mail for response from the BoS member.

Thanks and Regards,

Dr. S. Jana, M.E., Ph.D.
Head of the Department,
Department of Electronics and Communication Engineering,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
Avadi, Chennai - 600 062.
Mail to : hodece@veltech.edu.in
Mobile : +91-7338803044

---------- Forwarded message ---------
From: **Krishnamoorthy, Dhanapathy** <dhanapathy.krishnamoorthy@intel.com>
Date: Fri, Sep 12, 2025 at 3:58 PM
Subject: RE: Request for Review and Recommendation – New Course on Linux System Programming and Linux Device Drivers -reg
To: HOD ECE Vel Tech, Chennai <hodece@veltech.edu.in>
Cc: Krishnamoorthy, Dhanapathy <dhanapathy.krishnamoorthy@intel.com>

Hi Dr. Jana,

I am a hardware/VLSI expert, and based on my knowledge, it looks good. However, please seek opinions from other BoS members for further
validation.

Thanks,

-Dhana [He/Him/His]

[Design Manager - PMR ARW CBB]

From: HOD ECE Vel Tech, Chennai <hodece@veltech.edu.in>
Sent: Friday, September 12, 2025 2:39 PM
To: Krishnamoorthy, Dhanapathy <dhanapathy.krishnamoorthy@intel.com>
Subject: Request for Review and Recommendation – New Course on Linux System Programming and Linux Device Drivers -reg

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Dear Sir,

Greetings from the Department of ECE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology.

Our faculty members, **Dr. Sathesh M, Dr Yazhinian S** and **Dr. Rajendiran P**, attended a training program on **Embedded Systems** held from 7**th to 23rd July 2025** at **Wipro, Chennai**.

Following this, **Wipro Technologies** has recommended the inclusion of a course titled **" Linux System Programming and Linux Device Drivers"** in the ECE Department curriculum, either as a **Programme Core** or as a **Programme Elective** course. Students who successfully complete this course and pass Wipro's assessment will be eligible for **internship cum placement opportunities** offered by Wipro during **November 2025**.

The course content has been jointly prepared by **Embedded domain faculty members** and **industry experts from Wipro, Chennai**. It is proposed to offer this course starting mid **September 2025**.

We kindly seek your valuable inputs on the course content and your **recommendation for approval** in the forthcoming Academic Council Meeting (ACM).

Thank you for your time and continuous support.

Thanks and Regards,

Dr. S. Jana, M.E., Ph.D.

Head of the Department,

Department of Electronics and Communication Engineering,

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

Avadi, Chennai - 600 062.

Mail to : hodece@veltech.edu.in

Mobile : +91-7338803044

Course Code	Course Title	L	T	P	C
10212EC907	**LINUX SYSTEM PROGRAMMING**	2	0	2	3

a) **Course Category**

Program Elective

b) **Preamble**

This course introduces the fundamentals of Linux System Programming (LSP) for embedded systems. It covers system calls, file operations, process management, inter-process communication Inter Process Communication (IPC), signals, multithreading and memory management. Emphasis is placed on practical application of concepts through programming exercises that build strong foundations for embedded development. The course content is aligned with Wipro Center of Excellence – Next-Gen Associates (NGA) Skilling: Linux System Programming (LSP), ensuring that students acquire industry-relevant skills bridging academic learning and professional practice.

c) **Prerequisite**

Knowledge on
- Embedded C Programming
- Embedded System Design
- Embedded OS and Device Drivers

d) **Related Courses**

Embedded Linux and Device Drivers

e) **Course Outcomes**

On successful completion of the course, students will be able to

CO Nos.	Course Outcomes	Knowledge Level (Based on Revised Bloom's and Dave's Taxonomy)
CO1	Explain the Linux architecture, user/kernel space and toolchain usage.	K2, S3
CO2	Make use of Linux system calls for file handling for I/O process.	K3, S3
CO3	Utilize the project management calls for system process creation and scheduling the signals.	K3, S3

	Construct the IPC mechanisms using pipes, shared memory and message queues.	K3, S3
CO4	Construct the IPC mechanisms using pipes, shared memory and message queues.	K3, S3
CO5	Develop the synchronization and multithreading using POSIX threads and basics of debugging.	K3, S3

f) Correlation of COs with POs and PSOs

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
CO1	H	M	-	-	M	-	-	-	L	L	-	L	H	M
CO2	H	H	H	M	H	-	-	-	L	L	-	L	H	H
CO3	H	H	H	M	H	-	-	-	L	L	-	L	H	H
CO4	H	H	H	H	H	-	-	-	M	M	-	L	H	H
CO5	H	H	H	H	H	-	-	-	M	M	-	M	H	H

g) Course Content

UNIT I   LINUX ARCHITECTURE & TOOLCHAIN   6
Linux architecture: user space versus kernel space - GNU Compiler Collection (GCC) toolchain: preprocessor, compiler, assembler, linker - makefiles and build automation basics – command line essentials for embedded development.

UNIT II   FILE I/O SYSTEM CALLS   6
Low level file I/O: open, read, write, close, lseek - file descriptors, error handling (errno) - directory operations, stat, fcntl - concept of Virtual File System (VFS).

UNIT III   PROCESS MANAGEMENT SYSTEM CALLS   6
Process creation: fork, exec family, wait, exit - process hierarchy, PID, PPID - daemon processes and scheduling - signals: handling, signal (), sigaction (), kill ().

UNIT IV   IPC MECHANISMS   6
Pipes: unnamed and named, FIFOs - message queues - shared memory: shmget, shmat, shmdt, shmctl - semaphores for synchronization.

UNIT V   THREADS AND ADVANCED PROGRAMMING   6

POSIX threads (pthreads): creation, joining, detaching - synchronization: mutex, condition variables - multithreaded producer- consumer problem - memory management: malloc, mmap, brk - error debugging and GDB (GNU Debugger) basics.

Total: 30 hrs

h) List of Practical Experiments

S. No	CO Nos.	Course Outcomes	Knowledge Level (Based on Revised Bloom's and Dave's Taxonomy)
1	CO1	Explore Linux file system by writing a program to list directory contents using system calls.	S2
2	CO1	Construct a Makefile to automate the build process of a simple C program.	S3
3	CO2	Develop a file copy utility using open, read, write system calls.	S3
4	CO2	Create a process management program using fork(), exec() and wait() system calls.	S3
5	CO3	Implement inter-process communication using unnamed pipes.	S3
6	CO3	Design communication between processes using named pipes (FIFOs).	S3
7	CO4	Build a multithreaded program using POSIX pthreads.	S3
8	CO4	Apply synchronization by developing a producer–consumer solution with pthreads & mutex.	S3
9	CO5	Demonstrate signal handling using sigaction() system call.	S3
10	CO5	Utilize shared memory allocation with mmap() for inter-process communication.	S3
11	CO1-CO5	Integrate concepts in a Mini Project (system calls, processes, IPC, threads, signals, memory).	S4

Total: 30 hrs

i) Learning Resources

References

1. Robert Love, "Linux System Programming", Second Edition, O'Reilly, 2014
2. W. Richard Stevens, "Advanced Programming in the UNIX Environment", Pearson Education, 2013.
3. Michael Kerrisk, "The Linux Programming Interface", No Starch Press, US, 2010.

Online Resources

1. Linux manual pages: https://man7.org/linux/man-pages/
2. The Linux Documentation Project: https://tldp.org/
3. Standards documents applicable to the Linux kernel: https://kernel.org/doc/

Course Code	Course Title	L | T | P | C
10212EC908	**LINUX DEVICE DRIVERS**	**2 | 0 | 2 | 3**

a) Course Category

Programme Elective

b) Preamble

This course imparts comprehensive knowledge and practical skills in Linux Device Driver (LDD) development for embedded systems. It covers kernel programming, character device drivers, interrupt handling, deferred work mechanisms, synchronization techniques and integration with Sysfs and the Linux device model. The course is designed to provide industry-oriented, application-driven training, enabling students to build real-time drivers for embedded platforms. The content is aligned with Wipro Centre of Excellence (CoE) – Next-Gen Associates (NGA) Skilling: Linux Device Drivers (LDD), ensuring that learners acquire competencies expected by industry for next-generation embedded solutions.

c) Prerequisite

Knowledge on

- Microprocessor and Microcontroller
- Embedded System Design
- Embedded OS and Device Drivers

d) Related Courses

- Embedded Linux and Device Drivers

e) Course Outcomes (COs)

CO No.	Course Outcomes	Skill Level (Revised Bloom's and Dave's Taxonomy)
CO1	Develop the kernel modules to program the basic kernel concepts.	K3, S3
CO2	Implement character device drivers supporting file operations and user–kernel communication.	K3, S3
CO3	Identify the interrupt handling mechanisms with appropriate synchronization techniques in drivers.	K3, S3
CO4	Apply deferred work mechanisms such as tasklets, work queues and timers in driver development.	K3, S3
CO5	Utilize advanced Linux device drivers with Sysfs and the Linux device model for embedded applications.	K3, S3

Syllabus (30 Hrs Theory)

f) Correlation of COs with POs and PSOs

Sl. No	PO 1	PO 2	PO3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2
CO1	3	2	2	1	2				1	2		1	3	2
CO2	3	2	3	2	3				1	2		1	3	3
CO3	3	3	3	2	3				1	2		1	3	3
CO4	3	2	3	2	3				1	2		1	3	3
CO5	3	2	3	2	3		1		1	2		1	3	3

UNIT I – LINUX KERNEL & MODULE PROGRAMMING (6)

Kernel architecture: user vs kernel space - kernel modules: insmod, rmmod, modprobe - module programming basics: init, exit, printk - kernel build system, makefiles for modules.

UNIT II – CHARACTER DEVICE DRIVERS (6)

Major and minor numbers, registering device numbers - file operations: open, read, write, release, ioctl - kernel buffer management: copy_to_user, copy_from_user – case studies: char driver.

UNIT III – KERNEL INTERRUPTS AND SYNCHRONIZATION PRIMITIVES (6)

Interrupt handling flow in linux - request_irq(), free_irq() - shared IRQs, interrupt context vs process context - synchronization: spinlocks, semaphores, atomic variables.

UNIT IV – ASYNCHRONOUS AND DELAYED EXECUTION IN KERNEL (6)

Bottom halves, tasklets and workqueues - kernel timers and time management - delayed execution in drivers - case studies: interrupt + workqueue driver.

UNIT V – DEVICE MANAGEMENT AND DEBUGGING (6)

Sysfs, kobjects, udev interaction - linux device model: buses, devices, drivers - exporting attributes to user space - debugging drivers: dmesg, debugfs, ftrace basics.

Total Theory Hours: 30

List of Practical Experiments (30 Hrs Lab)

S. No	CO Mapping	Practical Exercises	Dave's Taxonomy Level
1	CO1	Compile and load a basic kernel module (Hello Kernel).	S2
2	CO1	Demonstrate module parameters and printk logging.	S3
3	CO2	Develop a simple char driver with open, read, write operations.	S3
4	CO2	Demonstrate a program using copy_to_user/copy_from_user.	S3
5	CO3	Implement an interrupt handler for a simulated device event.	S3
6	CO3	Demonstrate shared interrupts using request_irq().	S3
7	CO4	Implement deferred work using tasklets.	S3
8	CO4	Implement deferred work using workqueues.	S3
9	CO5	Export kernel attributes to Sysfs.	S3
10	CO5	Demonstrate kobject creation and manipulation.	S3
11	CO1-CO5	Mini Project	S4

Total Lab Hours: 30

h) Learning Resources

References

1. Robert Love, "Linux Kernel Development", Addison-Wesley, 2010.
2. Greg Kroah-Hartman, "Linux Kernel in a Nutshell", O'Reilly Media, 2010.
3. Jonathan Corbet et al, "Linux Device Drivers", 3rd Edition, O'Reilly, 2005.

Online Resources

1. Standards documents applicable to the Linux kernel: https://kernel.org/doc/
2. The Linux Documentation Project: https://tldp.org/
3. Explore Linux v6.16.7 source code: https://elixir.bootlin.com/linux/latest/source

Course Designers

Industry Experts:

Thirunavukkarasu Palaniappan - Group Head - NextGen Talent - Wipro Limited.

Nirmala Sherine Francis Assistant Manager – NGA Skilling from Wipro COE – Training the Trainer (TTT) Initiative.

Internal Experts:

Domain Experts:

Dr. G. Sasikala (Professor),
Dr. V. S. Hemakumar (Professor).

Wipro Certified Faculties:

Dr. P. Rajendiran (Associate Professor),
Dr. M. Sathesh (Assistant Professor).

Internal BoS Members:

Dr. S. Jana (Professor and Head/ECE)
Dr. D. Preethi (Associate Professor)
Dr. Ezhilazagan (Associate Professor)

CO–PO–PSO Mapping Justification (Detailed Explanation for Each Cell)

CO1: Develop the kernel modules to program the basic kernel concepts.

PO/PSO Mapping		Justification
PO1	3	Requires strong knowledge of computing fundamentals, OS architecture, and C programming to write kernel modules.
PO2	2	Students analyze user–kernel space, module loading/unloading, and debugging—requires analytical skills.
PO3	2	Involves designing basic kernel modules, using Makefiles, and applying engineering solutions.
PO4	1	Minor investigation is needed for debugging using printk, dmesg logs.
PO5	2	Students use Linux development tools, build system, compiler, and debugging tools.
PO9	1	Team-based mini-task is sometimes used to load, test, and troubleshoot modules collectively.
PO10	2	Students document module development steps, logs, and debugging output.
PO12	1	Self-learning encouraged for kernel version differences and new module APIs.
PSO1	3	Directly builds core embedded Linux driver competency.
PSO2	2	Enhances ability to apply tools/techniques for system-level programming.

CO2: Implement character device drivers supporting file operations and user–kernel communication.

PO/PSO Mapping		Justification
PO1	3	Strong foundational knowledge of memory, OS, and C language involved in coding char drivers.

PO/PSO Mapping   **Justification**

PO2	2	Students analyze driver behavior, user–kernel memory transfer, and file operations.
PO3	3	Students design, develop, test character drivers using open, read, write, release, ioctl—strong design & implementation.
PO4	2	Investigation required to test various I/O conditions, buffer handling, exceptions.
PO5	3	Extensive use of Linux kernel tools, debugging utilities, device files, and GCC/make.
PO9	1	Works can involve pair/team driver testing and demonstration.
PO10	2	Students communicate design and driver usage to users through documentation & lab demo.
PO12	1	Encourages self-learning for ioctl operations, kernel interfaces, and APIs.
PSO1	3	Strong core skill for embedded driver development.
PSO2	3	Applies advanced programming tools for kernel & user-space interface—strong mapping.

CO3: Identify the interrupt handling mechanisms with appropriate synchronization techniques in drivers.

PO/PSO Mapping   **Justification**

PO1	3	Strong theoretical foundation required for interrupt architecture, ISR, and kernel context concepts.
PO2	3	Analytical skills essential to understand concurrency issues, race conditions, and synchronization.
PO3	3	Students design interrupt-driven drivers using request_irq(), free_irq(), and synchronization primitives (spinlocks, semaphores).

PO/PSO Mapping		Justification
PO4	2	Experimentation is needed to validate interrupt handling and solve synchronization issues.
PO5	3	Requires tools like ftrace, /proc/interrupts, debugfs for analyzing interrupt behaviour.
PO9	1	May involve collaborative testing on shared IRQ hardware setups.
PO10	2	Students present interrupt flow, ISR design, and debugging steps clearly.
PO12	1	Self-learning for kernel version-specific interrupt APIs & deeper concurrency topics.
PSO1	3	Strong embedded driver expertise gained for real-time interrupt-based devices.
PSO2	3	Applies advanced kernel tools and techniques for synchronization—high industry relevance.

CO4: Apply deferred work mechanisms such as tasklets, work queues and timers in driver development.

PO/PSO Mapping		Justification
PO1	3	Requires strong conceptual clarity on bottom halves, concurrency, and kernel execution context.
PO2	2	Students analyze execution timing, context switching, and scheduling behaviour.
PO3	3	Students design real-time drivers using tasklets, workqueues, timers—strong design element.
PO4	2	Experiments are conducted to validate deferred execution and performance.

PO/PSO Mapping		Justification
PO5	3	Uses kernel profiling, timer functions, scheduling utilities, and debugging tools.
PO9	1	Group project or teamwork during testing of concurrent code is possible.
PO10	2	Students communicate logs, execution flow diagrams, and driver behaviour.
PO12	1	Self-learning encouraged for advanced timing and scheduling APIs.
PSO1	3	Very strong embedded driver skill related to real-time systems.
PSO2	3	Applies modern kernel mechanisms – aligns with industry-ready skills.

CO5: Utilize advanced Linux device drivers with Sysfs and the Linux device model for embedded applications.

PO/PSO Mapping		Justification
PO1	3	Requires strong fundamentals to understand bus–device–driver model.
PO2	2	Involves analysis of Sysfs, kobject interactions, and attribute mapping.
PO3	3	Students design Sysfs interfaces, export device attributes, and integrate with device model.
PO4	2	Involves investigation and debugging to integrate kernel objects with user space.
PO5	3	High usage of kernel tools, sysfs/debugfs utilities, and tracing tools.
PO7	1	Minor concern for societal ethics when handling secure device access and privileged operations.
PO9	1	Students often work in groups for device model integration testing.
PO10	2	Requires documentation & description of Sysfs driver architecture.

PO/PSO Mapping		Justification
PO12	1	Self-learning required for evolving Linux driver model interfaces.
PSO1	3	Strong embedded driver expertise—directly relevant to industry.
PSO2	3	Demonstrates advanced skill in applying programming tools and embedded Linux frameworks.

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

VC) 16059
21/7/25

Date:
17.07.2025

Submitted to the Vice Chancellor:

Subject: Request to include industry collaborated course on "VLSI design and verification using System Verilog in summer semester 2025-26 – Reg.

Through Proper channel.

Respected sir,

It is brought to your kind notice that two of our faculty members have undergone training on "VLSI design and verification using system Verilog", organized by Wipro Technologies from 11th to 20th June 2025 for period of 10 days as per of direction of Dean Campus to Corporate.

In continuation to this, Wipro Technologies has organised a meeting with all partnered institutions in SRM hotel, SRM University Campus on 15th July 2025 to discuss the inclusion of the course in their respective university curriculum either as a program core or program elective course with 4 or 5 credits as a job seeking course. In this regard, we have a discussion with our VLSI domain faculty members and finalized the syllabus in collaboration with Wipro Technologies. We have decided to offer the course as a lab dominated along with a capstone project. Wipro Technologies has been working on the concept of Train and Hire and assured that the students who have successfully completed this course along with project will be eligible for internship-cum-placement opportunities based on their assessment and business interview in their concern.

In this regard, I kindly request your permission to include this course in our curriculum in this SS 2025-26 which would greatly benefit our students to enhance their industry readiness and placements.

Your kind permission in this regard is highly solicited.
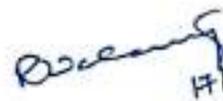
17/7/2025

(Dr.R.S.Valarmathi)
HoD ECE & Dean SoEC
Dr. Valarmathi. R.S
Dean - School of Electrical & Communication

Dr. P. Vijayaraman
Dean - Campus to Corporate

Prof. (Dr). Raju Shanmugam
Dean - Academics

Prof. Rajat Gupta
Vice Chancellor

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Landline : +91 44 2684 0262 / 2684 0605 | Email : registrar@veltech.edu.in | Website : www.veltech.edu.in
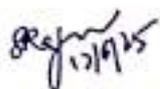
Course Code	Course Title	L	T	P	C
10212EC901	**VLSI Design and Verification Using System Verilog**	**2**	**0**	**4**	**4**

a) Course Category

Program Elective

b) Preamble

This course introduces the fundamentals of System Verilog Language and its usage for RTL coding and Test bench Development. Students will go through the complete Design and Verification flow along with hands-on experience using standard EDA tools and protocols

c) Prerequisite

VLSI Design

d) Related Courses

SOC Design and Verification

The purpose of learning this course is to:
• To understand the System Verilog Language RTL coding for complete Design and Verification flow
• To develop a Test bench using a System Verilog for the required components.
• To practice the hands-on experience using standard EDA tools and generate coverage reports
• To Learn the concept of IPS, subsystems chips and SOC architectures and develop a VLSI design Verification flow for a given design block
• To understand the on chip protocols APB and SPI specifications and implement the RTL code for given design

CO Nos.	Course Outcomes	Skill Level (Based on Dave's Taxonomy)
CO1	Demonstrate RTL Verilog coding for a given design block	K2, S3
CO2	Develop a Test bench using a System Verilog for the required components	K2, S3
CO3	Implementation and verification of Classes and Objects setup	K2, S3
CO4	Design and verification of IPS ,subsystems, chips and SOC architecture	K2, S3
CO5	Demonstrate the on chip protocols and develop test bench for UART, I2C,SPI and AMBA APB	K2, S3

UNIT I   VLSI Verification **and Introduction to System Verilog**   **6**

VLSI Technology Overview - SOC Architecture - VLSI Design Flow - Design Verification –Types : RTL - Gate level - Emulation - Formal - SIP verification - Components - test bench hierarchy - Evolution of system Verilog - data types - arrays - packed - unpacked - dynamic - associative array methods-queues - structures - control flow - functions and tasks - blocking and non - blocking statements

UNIT II   **Basic constructs in System Verilog Processes and connecting Interfaces**
6

Processes - fork join - Inter process communication- functions – tasks - void function-arguments-semaphores methods - SV mailboxes - events- interface - interface constructs - connecting test bench and design with interface constructs - bundles- modports- clocking blocks

UNIT III   **Advanced constructs Classes and Objects in System Verilog**   **6**

Class - class properties and methods –inheritance - polymorphism-static - shallow/deep copy-parameterized classes- extern keyword- access control -qualifier- local and protected -abstract Class-typedef class-virtual methods – pre-post randomization
.
UNIT IV   **Constraints and Coverage in System Verilog**   **6**

Constraints-Introduction- inside constraint- implication constraint- foreach constraint – randomization methods- program block- scope resolution operator – coverage code- functional coverage-cross coverage- cover point bins

UNIT V   **System Verilog Assertions and Methods and On-chip Protocols**
6
Assertions- introduction – immediate assertion - concurrent assertion – SVA methods – On-chip protocols architectures - UART-I2C-SPI-AMBA-APB- APX
Total: 30 Hrs

LIST OF PRACTICAL EXPERIMENTS

S. No	CO Mapping	Practical Exercises (60 Hours)
1	CO1	RTL code test bench using System Verilog for Digital design
2	CO2	Development of Test bench for Interface
3	CO2	Development of Test bench driver class
4	CO2	Development of Test bench adding driver task
5	CO2	Development of Test bench adding mailbox
6	CO3	Development of Test bench for transaction class
7	CO3	Development of Test bench randomize the transaction class
8	CO3	Development of Test bench generator class, driver
9	CO3	Development of Test bench complete environment class code
10	CO4	Development of Test bench for monitor class
11	CO4	Development of Test bench complete monitor code
12	CO4	Development of Test bench complete scoreboard code with coverage
13	CO5	Design verification using System Verilog for complete Top module test bench for combinational circuits

| 14 | CO5 | Design verification using System Verilog for complete Top module test bench for sequential circuits |
| 15 | CO4,CO5 | MINI PROJECT |

h) Learning Resources
Text Books
1. IEEE Standard for System Verilog—Unified Hardware Design, Specification, and Verification Language, IEEE Computer Society and the IEEE Standards Association Corporate Advisory Group IEEE Std 1800™-2017

Online Resources
1. https://edaplayground.com/
2. https://www.chipverify.com/tutorials/systemverilog

Course Designers

Experts from Industry	Experts from Higher Technical Institutions	Internal Experts
Mr. Ravishankar, Wipro Mr. Srinivasa Shikaripura, Wipro Mr. Resty Roy, Wipro Mr. Anandhakrishnan Devaraj, Wipro, Chennai.	Dr. Bhagyaveni, Professor of ECE, HOD, Anna University, CEG, Tamilnadu, Chennai. Dr. C. K. Jayadas, Associate Professor, Govt. Model Engineering college, kerala	Dr. Ezilarasan M.R AP-ECE, Dr. R. Sathesh Raaj, ASP- ECE, Vel Tech University, Chennai

Memorandum of Understanding (MOU)

Between

Wipro Ltd-India.

And

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

For Center of Excellence

This Memorandum of Understanding (hereinafter called as the "MoU") establishes the collaboration between Wipro Ltd-India ("Wipro") and Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai in developing an accessible avenue for domain learnings and professional development of the students/fresh graduates and/or undergraduates to improve their employability post successful completion of the program.

This MoU, entered into this 14th of February 2025, by and between Wipro Ltd-India and Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai.

Whereas Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai agrees to promote Wipro's Learning Initiative, its objectives and benefits, to their students and encourage participation.

Whereas Wipro Ltd-India agrees to deliver virtual &/or classroom (as applicable) learning sessions to the faculties of Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai who in turn are empowered to delivered sessions to their students at large.

I. MISSION

This collaboration of both parties mentioned above aims to provide a complete knowledge intensive and job-oriented training program to students and fresh graduates for continuous learning about the IT Industry and to acquire the required competencies and other essential skills deemed helpful for their personal and professional growth in this industry.

Prof. Rajat Gupta
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala

Wipro Ltd-India shall endeavor to provide valuable domain knowledge and learnings from these sessions that will groom the students and fresh graduates of Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai.

Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai shall endeavor to promote and encourage its students to participate in these sessions and provide any support required by *Wipro Ltd-India* to successfully conduct the program.

II. PURPOSE AND SCOPE

The purpose of this MoU is to collaborate and promote emerging technologies to the student and fresh graduates and / or Undergraduates to help them learn and acquire critical skills that will improve their employability and make them ready for Industry opportunities in future. This will also help them to understand the different career opportunities that *Wipro Ltd-India* and other IT industries can offer.

Through this MoU, *Wipro Ltd-India* and Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai *shall carry out a* collaborative work to achieve the purpose and in agreement to the following points:

- The course curriculum of the skill-based training program to be curated by Wipro Ltd in partnership with the institute faculty members and concerned authorities. The institute is to ensure that the skill-based training is adjusted in the syllabus and appropriate credits be awarded to the candidates for undergoing the training.
- The program will be introduced to the students from specific eligible branches preferably in the end of their 5th Semester post which interested students will be put through an initial screening assessment in the same semester.
- The skill-based training will be divided in two halves and the first part of it will be extended to students clearing the initial screening assessment in the 6th Semester. Institute is required to ensure availability of proper infrastructure for enabling the virtual skill-based training. Wipro Ltd will organize virtual &/or classroom (as applicable) learning sessions to the faculties of Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai who in turn are empowered to run the curriculum spanning across 6th & / or 7th Semester of the academic program and the institute to ensure that the attendance of pre-selects during the entire duration.
- Pre-Selects to be put through an advanced assessment towards the end of their 6th & / or 7th semester to test them on the curriculum imparted in the first part of the skill-based training. 2nd Part of the skill-based training to be initiated in the 7th semester only for the pre-selects who successfully clear the advanced assessment. Wipro Ltd to run the curriculum of the second part of the training by conducting virtual &/or classroom (as applicable) learning sessions to the faculties of Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai who in turn are empowered to delivered sessions to their students spanning across 7th & / or 8th Semester and the institute to ensure that the attendance of pre-selects during the entire duration.
- The pre-selected students post completion of the second level of skill-based training will undergo a personal interview process comprising of multiple rounds towards the end of their 7th semester. These students shall undergo a selection process to evaluate and shortlist students based on their

Prof. Basil Gupta
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala

skills, and performance. Upon successful completion of the selection process, Wipro may extend a conditional letter of intent to the selected students. The letter of intent will be subject to the following conditions:

- Background check verification
- Satisfactory performance in all required examinations /assessments /interviews.
- Compliance with the Wipro's policies and procedures.
- Any other terms and conditions specified in the letter of intent.
- Background Verification Process will be initiated for the candidates who have accepted the letter of intent, and the candidates are expected to complete the documentation process within the duration as specified by Wipro.
- The program involves various engagement efforts that Wipro Ltd will be leading with the LOI extended candidates during their 8th semester. Institute is required to ensure maximum participation of final selected students for these post offer engagement sessions. These sessions may be conducted virtually or in person.
- Pre-selected Students who successfully undergo this program, may be given an internship opportunity in their 8th Semester (4th Year) by Wipro Ltd either in its premises or remotely through the Wipro Ltd Lab which will be setup in the Institute.
- Day 1 hiring priority to be given to Wipro for the candidates who are part of the training program. Candidates who do not clear the Wipro's assessment process is free to apply to other opportunities.
- All the candidates who successfully complete the training program will be awarded with a course completion certification by Wipro.

III. RESPONSIBILITIES

Wipro Ltd-India and Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai will appoint special points of contact (SPOC) to coordinate and implement the activities mentioned in this MoU.

SPOC Appointed on behalf of Wipro Ltd – India, will

- Coordinate with Wipro's NGA Talent Skilling Team, and other department speakers and plot the details of the training

- Coordinate with the Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai SPOC and confirm the session details.

SPOC Appointed on behalf of Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai will

- Promote the objectives and goals of this initiative to the identified audience.

- Coordinate with Initiative SPOC from NGA Talent Skilling on the session details and share the same to the identified audience.

- Inform the audience of the terms of the program. Whereas program will be facilitated virtually or on institute premises of Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai.
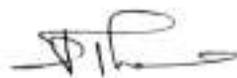
- *Coordinate with Initiative SPOC from NGA Talent Skilling on the feedback*

IV. TERMS OF UNDERSTANDING

The term of this MoU is for a period of 2 years from 14th February 2025 to 13th February 2027. It shall be reviewed at least once annually to ensure the agreement continues to hold and achieve its purpose. Any revision must be agreed by both the parties.

Either Wipro or Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai may terminate this MOU upon thirty (30) days written notice.

Notwithstanding anything to the contrary, under no circumstances will either party be liable for indirect, special, consequential or incidental losses or damages (including, but not limited to loss of profits, lost or damaged data, failure to achieve cost savings, loss of equipment or systems, or the failure of or increased expense of operations) of any kind, regardless of whether any such losses or damages are characterized as arising from breach of contract, warranty, tort, strict liability or otherwise, even if such damages are foreseeable or either or both parties have been advised of the possibility of such damages.

In any case, Wipro's shall not have any monetary liability to Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai, regardless of the form of any claim by Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai, including costs, attorneys' fees and expenses.

Except as stated herein, Wipro makes no warranties, express or implied, with respect to the training provided hereunder, including, without limitation, any warranties as to merchantability or fitness for a particular purpose.

Each party owns, and will continue to own all rights, title and interests in and to any inventions however embodied, know how, works in any media, software, information, trade secrets, materials including training materials and survey reports, property or proprietary interest that it owned prior to this MOU, or that it created or acquired independently of its dealings with the other party pursuant to this MOU (collectively, "Preexisting Works"). All rights in Preexisting Works not expressly transferred or licensed herein are reserved to the owner.

Confidentiality. The parties acknowledge that, during the term of this MOU, it may be necessary for Wipro to provide documentation, training materials, technical and business information and/or intellectual property, in whatever form recorded (collectively, "Confidential Information"), to the other party or the students of Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai. All Confidential Information provided or disclosed by Wipro hereunder shall

remain the property of Wipro and shall be held in strict confidence by Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai or its students unless Wipro otherwise consents in writing or unless disclosure of such Confidential Information is required by the applicable laws.

Confidential Information furnished by Wipro hereunder (i) shall not be reproduced or copied, in whole or in part, by Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai or its students except for use as specifically authorized by this MOU; (ii) shall, together with any copies thereof, be returned to Wipro, or at the request of Wipro, destroyed, when no longer needed for purposes of this MOU; and (iii) shall only be disclosed by Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai or its students to those who have a need to know such Confidential Information in connection with the performance of this MOU; and who have agreed to comply with the confidentiality obligations set forth herein.

Anti Bribery. Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai and each of its directors, officers, employees, agents or other representatives represents and warrants that it will not in connection with its obligations under this MoU or any other agreement with Wipro, give, offer, promise to offer, or authorize the offer, directly or indirectly (proxy bribing), anything of value (such as money, shares, goods or service, gifts or entertainment) to government officials, government customers, potential government customers or foreign government officials including officials of any public international organizations or officials of any political party either in India or abroad ("Officials") with an Intent to influence any act or decision in his or her official capacity, induce the Official to do or omit to do any act in violation of his or her lawful duty to obtain any improper advantage, or Induce to use such Official's influence improperly to affect or influence an act or decision.

Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai understands and acknowledges that any non-adherence to the warranty as stated hereinabove will be violative of the provisions of the U.S. Foreign Corrupt Practices Act, 1977, U.K. Bribery Act 2010 and the Indian Prevention of Corruption Act, 1988 ("Anti- bribery Laws"). In addition, Wipro shall promptly report to the Service Provider of any incident of breach or potential breach of this section. Additionally, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai shall indemnify, save and hold harmless Wipro, its subsidiaries and affiliates, officers, directors and employees, against any and all losses, penalties and expense including court costs and reasonable attorney fees resulting from any breach of this warranty by the Company or its partners. Wipro shall have the right to terminate this MoU with immediate effect, without any liability whatsoever, if Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai is in breach of this warranty.
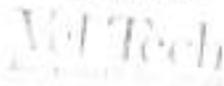
Vijai Gupta
Vice Chancellor
Vel Tech

Wipro shall have the right to audit Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai compliance with the provisions of this Section.

Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai agrees not to use the name, logo, brand, or any other identifying marks or intellectual property of Wipro in any media, advertisement, publicity, or promotional materials. Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai further agrees not to refer to Wipro, directly or indirectly, in any media interactions or communications, press releases, interviews, or advertising campaigns without the prior written consent of Wipro.

V. AUTHORIZATION AND EXECUTION

The signing of this Memorandum does not constitute a formal undertaking and as such it shall be non-binding and it simply intends that the parties shall strive to reach, to the best of their abilities, the Project objectives stated in this MOU.

This MOU shall be signed by Wipro and Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai and shall be effective as of the date first written above.

Name: **Mr. Thirunavukkarasu P**

Date: 14th February 2025

Title: Group Head, NextGen Talent

Wipro Ltd- India
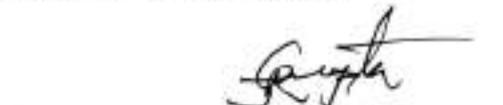
Name: Prof. Dr. Rajat Gupta

Date : 14th February 2025

Title: Vice Chancellor

Vel Tech Rangarajan Dr. Sagunthala R & D

Institute of Science and Technology, Chennai

Witnesses:
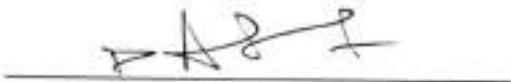
Name: **Mr. Anandhakrishnan Devaraj**

Date: 14th February 2025

Title: Region Head, South India, NGA Hiring

Wipro Ltd- India

Name: **Dr. Vijayaraman P**

Date: 14th February 2025

Title: Dean Campus to Corporate

Vel Tech Rangarajan Dr. Sagunthala R & D

Institute of Science and Technology, Chennai

MEMORANDUM OF UNDERSTANDING

BETWEEN

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

AND

nasscom / IT-ITeS SECTOR SKILLS COUNCIL

FOR

UNDERTAKING SKILL DEVELOPMENT TRAINING IN EMERGING TECHNOLOGIES

This Memorandum of Understanding ("MoU") is made on 29th day of April of the year 2025,

<center>BETWEEN</center>

Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology having its head office at No.42, Avadi-Vel Tech Road Vel Nagar, Avadi, Chennai, Tamil Nadu 600062, India, represented by Prof. Rajat Gupta, Vice Chancellor, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology (hereinafter referred to as "**Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology**") which expression shall, unless repugnant to the context or meaning thereof, include its successors, executors and administrators in office, legal representatives and permitted assigns on the **FIRST PART**.

<center>AND</center>

National Association of Software and Service Companies having its head office at the nasscom Plots 7-10, Sector 126, Noida, UP –201303, India (hereinafter called "**nasscom/SSC nasscom**"), represented by Head-Strategy & Operations, IT-ITeS Sector Skills Council, which expression shall, where the context so admits, be deemed to include its successors, executors and administrators of the **SECOND PART**

<center>***</center>

Whereas IT-ITeS Sector Skills Council (nasscom/ SSC nasscom) an integral part of nasscom is the skill standard setting body of the IT-ITeS Industry and is also the education & skill development initiative of nasscom; SSC nasscom works with its industry members and select academic and skill development institutions to help improve the quality and quantity of the employable workforce available to this industry.

Whereas Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, and **nasscom/SSC nasscom** will hence forth be referred to collectively as the Parties

THE MoU WITNESSED AND THE PARTIES HERETO AGREE AS FOLLOWS:

I. PREAMBLE / BACKGROUND / OBJECTIVE

Government of India under the aegis of Ministry of Electronics and IT has joined hands with nasscom as a team India effort to make India a global hub for skilled talent on emerging technologies. **FutureSkills Prime** is an aggregator model platform built with an aim to reskill & upskill candidates in emerging technologies with an objective to create India's Digital Talent Stack that will propel India into a leadership position in the digital world.

FutureSkills Prime platform is designed as a resource for all learners to not only develop digital fluency in new-age technologies but also build advanced skills by getting certified on industry defined & IT-ITeS Sector Skills Council (SSC nasscom) validated skills on both emerging technologies and professional skills.

II. PURPOSE

1. The objective of this MoU is to undertake relevant skills upgradation via training program/s in the emerging technologies for the candidates/ students& faculty/ staff of Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

    a. To encourage any-time, any-where, continuous self-paced learning for acquiring newer and industry relevant skill sets, build digital fluency on emerging technologies & professional skills through the availability of byte sized micro learning content.

    b. To provide a diagnostic facility that offers candidates an analysis of their aptitude and capabilities so that they can be guided on learning pathway options.

    c. To provide a novel framework and an inclusive 'one stop up-skilling/ re-skilling solution' in new and emerging IT technologies that envisages a paradigm shift in the existing value chain through synergistic efforts of all stakeholders.

    d. To motivate and create value at every step through innovative mechanisms such as 'skills passport', 'skills wallet', 'badges' etc. based on the aspirant's effort in their skilling journey.

    e. The Company/University/College etc will also work internally to build their internal talent pool by encouraging students & faculty members to complete more badging and certifications.
    All the above will also work towards making India as a digital talent hub.

2. This engagement aims to implement short-term awareness and skill competency development programs including Foundation and Deep Skilling courses (both free and paid) in the emerging technologies area.

3. This intervention aims to equip the students & faculty members with specific skills that are important in today's context. The learning intervention will keep them updated with the key trends / challenges faced in today's digital ecosystem.

III. GENERAL PROVISIONS

1. This MoU will set-up general conditions for co-operation in up-skilling / skill-based training and that the Parties intend to use it as a framework to continue their co-operation.

2. The Parties intend to coordinate and focus their efforts on co-operation within the area of the identified upskilling /skill development intervention(s) across the Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology.

3. The terms of co-operation / directions will be defined collectively during negotiations. The Parties through mutual effort will try to establish long term and beneficial co-operation.

IV. IMPLEMENTATION OF THE MOU

To ensure the implementation of this MoU, through the identified SPOC/s from the Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology.

1. The progress of the identified outcomes of cooperation for all the joint upskilling and awareness-oriented Skilling & Upskilling initiatives in the emerging technologies including areas like professional skills. Preparation and implementation of upskilling plans by the Parties concerned w.r.t the students and faculty of Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology.

2. Coordination and implementation with Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, IT-ITeS Sector Skill Council and all the other key stakeholders for upskilling the targeted beneficiaries in skill-based training program w.r.t emerging technologies and related professional skills.

3. Discussion on other issues pertaining to the implementation of this MoU.

4. Monitoring and evaluation of all on-going initiatives.

5. Branding and awareness of skilling initiatives on emerging technologies.

V. ROLE AND RESPONSIBILITIES OF Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

1. **Mobilization of beneficiaries** – To take up the responsibility of mobilization of students & faculty for enrolment in the skilling and upskilling program. Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology shall coordinate with all associates (as applicable) to create a pool of trainees/beneficiaries/candidates for this program.

2. **Onboard** - a minimum of 500 **candidates on to the FutureSkills Prime platform.** Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology will share the data in the predefined agreed format indicated in Annexure-1 and will also instruct students & faculty to sign-up on FutureSkills Prime.

3. Share SPOC details for coordination and facilitation.

4. Publish required Circulars/ Notifications advising about the Mission and vision agreed upon.

5. Extend all required support to co-ordinate with various offices/facilities if applicable.

6. Review the analytics reports and drive the common objective of building India's future ready workforce.

7. Responsibility to seek approval from relevant candidates to share their details on platform.

VI. ROLE AND RESPONSIBILITIES OF nasscom/SSC nasscom

1. Facilitate the students & faculty to register on nasscom's FutureSkills Prime online platform.

2. Provide access to usage analytics. However, this is subject to the consent received from the candidate(s) to share their details.

3. Offer via FutureSkills Prime platform the learning content that match industry standards and are periodically updated.

4. Enable diagnostics, badging and assessments to learners.

VII. MONITORING

1. Monitoring the implementation of the deliverables of this MoU will be the responsibility of Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology.

2. Parties will periodically collaborate to monitor the implementation of the MoU as per the agreed to timelines.

VIII. CO-BRANDING GUIDELINES

1. Cobranding guidelines are an arrangement between nasscom/SSC nasscom and Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology. These guidelines shall apply to all uses of FutureSkills Prime and nasscom/ SSC nasscom marks as defined herein and are currently effective as Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology has agreed to these and

up to the terms thereof.

2. By using any FutureSkills Prime, nasscom/ SSC nasscom Trademarks, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology acknowledges that nasscom/ SSC nasscom is the sole owner of the Trademarks and agreeing not to interfere with nasscom/ SSC nasscom's rights in the Trademarks, including challenging nasscom/ SSC nasscom's use, registration of, or application to register such Trademarks.

   a. Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology agrees that Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology will not harm, misuse, or bring into disrepute any nasscom/ SSC nasscom Trademarks and that the goodwill, if any, derived from your use of any nasscom/ SSC nasscom Trademarks exclusively inures to the benefit of and belongs to nasscom/ SSC nasscom.

   b. Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology may not use any nasscom/ SSC nasscom Trademarks in metatags, search fields, hidden text, or any other form that has the purpose or effect of diverting or confusing consumers without nasscom/ SSC nasscom's prior written permission.

   c. Other product names or trademarks, including those appearing on nasscom/ SSC nasscom's websites, that are not owned by nasscom/ SSC nasscom are for identification purposes only and may be the registered or unregistered trademarks of their respective owners.

   d. No license or right is granted to Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology by nasscom/ SSC nasscom by implication, estoppel or otherwise to any such third-party names or trademarks or to the nasscom/ SSC nasscom Trademarks hereby.

3. **Branding:** Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology can co-brand with the nasscom/ SSC nasscom Trademarks internally/externally after the due approval in written on Logo (positioning, placement, design etc) and messaging from nasscom/SSC nasscom.

4. nasscom would seek permission from Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology before using the Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology logo for any PR activity.

IX. MISCELLANEOUS PROVISIONS

1. This MoU as outlined in this document is not intended to be a legally binding document. Rather, it is meant to describe the nature and cooperative intentions of Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology and nasscom/SSC nasscom to suggest guidelines for cooperation. Nothing, therefore, shall diminish the full autonomy of any Party, nor any constraints be imposed by either upon the other, and nothing in this agreement shall be deemed to create a joint venture, or agency relationship between the Parties.

2. Any other matter not included in the MoU which is necessary for the smooth functioning of the Scheme shall be finalized between Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology and nasscom/SSC nasscom on mutually agreed terms and conditions.

3. The use of the name, logo and/or official emblem of any of the Parties on any publication, document and/or paper is allowed only, after seeking explicit prior permission in writing of the owner Party concerned.

4. The Second Party shall be entitled to collect/receive/process information in relation to the candidates of the First Party. The said right shall include the right to share such information with relevant placement agencies, including job portal partners, employers and/or research partners to enable them to potential employment opportunities, thought leadership and insights.

5. Amendments to this MoU will be only basis mutual consensus and the written consent (duly signed) of all the Parties concerned. Additions, deletions and/or alterations to this MoU may be affected with the written agreement of all the Parties to this MoU concerning the said changes. Documents containing such additions, deletions and/or alterations and signed by both the Parties shall form addenda to this MoU and be deemed to be part of this MoU.

6. The MoU is not intended to create any legal relation of employer-employee or of principal and agent relationship amongst the Parties.

7. This MoU shall remain valid till 31st March 2027 from the date of its signing and can be extended on mutual terms and conditions. Through this MoU Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology and nasscom/SSC nasscom affirm their commitment to fulfil and achieve the objectives mutually agreed upon in its MOU.

8. Termination - this MoU can be terminated by either one of the Parties after serving 1(one) month notice to other Party in writing if there is failure/breach of understanding or default by any one of the Parties concerned.

9. This is a non-commercial MoU between both the Parties; however, any individual student subscribing for individual courses/programs at cost as declared eligible for subsidy will be addressed only by the concerned individual/subscriber. Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology will have no implication or responsibility on payments/subsidy thereof w.r.t registered candidates/beneficiaries i.e., Subscribers.

10. Confidentiality
    a. Subject to Clause b below, Parties agree that they will keep all information in pursuant to this MoU confidential and shall not disclose to any third person any confidential information with respect to the MoU and program hereunder.
    b. Exceptions: Any Party may disclose Confidential Information:
       • to the extent to which it is required to be disclosed pursuant to applicable law;
       • to the extent to which it is specifically permitted by other Party in writing.

- to the extent that the confidential information is publicly available (other than as the result of a breach by such Party of its confidentiality obligation under Clause 9 above);
- to its employees and professional advisors, but only to the extent necessary and subject to such employees and professional advisors accepting an equivalent confidentiality obligation to that set out in this Clause 'Confidentiality'.

Through this MoU Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, and nasscom/SSC nasscom affirm their commitment to fulfil and achieve the objectives mutually agreed upon.

Signed this MoU on this 29th day of April of the year 2025.

For and on behalf of	For and on behalf of
Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	nasscom
Address: **No.42, Avadi-Vel Tech Road Vel Nagar, Avadi, Chennai, Tamil Nadu 600062.**	Address: Plots 7-10, Sector 126, Noida, UP – 201303
Prof. Rajat Gupta Vice Chancellor Vel Tech Signature	*Upmith* Signature
Prof. Rajat Gupta, Vice Chancellor, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology.	Dr Upmith Singh Chief Operating Officer IT-ITeS Sector Skills Council
STAMP	STAMP NOIDA

Annexure-1

A. Format for University/College

| Ministry of Electronics and Information Technology Government of India | NASSCOM | futureskills prime |

| Student Details for College/ University | | |

Title	Roll Number	First Name	Last Name	Email ID (preferred with college domain, if available)	Department/ Stream	College	(if applicable)	User Type (Student / Teacher / Staff)
								Student

B. Format for a Company

S No	Employee Number	First Name	Last Name	Email ID (preferred with company domain, if available)	Department	Organisation	Parent Organisation (where applicable)	User Type (Permanent / Contract)

*the fields marked in red are mandatory and non-negotiable

SSC nasscom FSP MoU Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology

Final Audit Report   2025-05-13

Created:	2025-05-09
By:	SSC nasscom (headops_sscit@nasscom.in)
Status:	Signed
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"SSC nasscom FSP MoU Vel Tech Rangarajan Dr Sagunthala R &D Institute of Science & Technology" History

Document created by SSC nasscom (headops_sscit@nasscom.in)
2025-05-09 - 5:22:28 AM GMT

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2025-05-09 - 5:22:33 AM GMT

Email viewed by upmith@nasscom.in
2025-05-09 - 5:36:32 AM GMT

Signer upmith@nasscom.in entered name at signing as Upmith
2025-05-09 - 5:36:48 AM GMT

Document e-signed by Upmith (upmith@nasscom.in)
Signature Date: 2025-05-09 - 5:36:50 AM GMT - Time Source: server

Document emailed to amutharasan@veltech.edu.in for signature
2025-05-09 - 5:36:52 AM GMT

Email viewed by amutharasan@veltech.edu.in
2025-05-09 - 12:52:48 PM GMT

Email viewed by amutharasan@veltech.edu.in
2025-05-13 - 10:33:43 AM GMT

Signer amutharasan@veltech.edu.in entered name at signing as Rajat Gupta
2025-05-13 - 11:44:49 AM GMT

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MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on **28ᵗʰ, October 2025** by and between

Pi Square Technologies India Pvt. Ltd. (PSTI), a company incorporated under the laws of Republic of India having its principal place of business at No 3A, Mindspace Cyberabad, Hi Tech City, Madhapur, Hyderabad, Telangana 500081, herein referred as the "FIRST PARTY".

AND

Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology (Vel Tech), incorporated under the laws of Republic of India having its principal place at No 42, Avadi to Vel Tech Road, Avadi, Chennai - 600062, herein referred as the "SECOND PARTY".

The First Party and the Second Party shall be referred to as "Party" individually and collectively as "Parties".

WHEREAS

Pi Square Technologies India Pvt. Ltd. (PSTI) is a global technology company, headquartered in Detroit, Michigan and having its offices in Germany, UK, and India. Pi Square's focus has been on building products, solutions, and offering services to its global customers in the areas of Embedded Systems, IoT, Automotive, Med-Tech, Industrial Automation, Digital Transformation, and other emerging technologies.

QNX, a division of BlackBerry Limited (NYSE: BB; TSX: BB), enhances the human experience and amplifies technology-driven industries, providing a trusted foundation for software-defined businesses to thrive. The business leads the way in delivering safe and secure operating systems, hypervisors, middleware, solutions, and development tools, along with support and services delivered by embedded software experts. QNX® technology has been deployed in the world's most critical embedded systems, including more than 255 million vehicles on the road today. QNX® software is trusted across industries including automotive, medical devices, industrial controls, robotics, commercial vehicles, rail, and aerospace and defence. Founded in 1980, QNX is headquartered in Ottawa, Canada.

QNX aims to meet the need of skilled resources by the industry through QNX Everywhere Initiative as a response to the rapid increase in its software content in the embedded systems and in safety and security requirements globally.

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology - offers UG, PG, and Ph.D. programs in Engineering, Management, Law and Media. The institution has made distinctive progress since its founding in 1997 by adopting unique and trending educational methodologies. Vel Tech is recognized as Category 1 and deemed to be university by the University Grants Commission (UGC). Vel Tech has been in the Top 100 for a row of seven years in the National Institutional Ranking Framework (NIRF) India Rankings, under the Engineering category since 2017. Vel Tech has been accredited by NAAC with the highest grade of 'A++' and a CGPA of 3.53 out of 4. Under the Washington Accord Tier-I category, the NBA has accredited six undergraduate engineering programs. Vel Tech has signed 260 MoU with Industries & for International Universities around 200 institutions for Students & Faculty Exchange Programmes. Every year, the Times Higher Education (THE) World University Rankings list the institution as one of the top institutions. Vel Tech is the first member from India to be part of CDIO, an innovative educational framework for producing the next generation of engineers. The Vel Tech TBI (Technology Business Incubator) under NIDHI by the Government of India is recognized as the Centre of Excellence and supporting nearly 370 startups.

1. Purpose

a) Pi Square Technologies India Pvt. Ltd. is a program partner of QNX for its QNX Everywhere initiative which aims to increase the number of developers globally who are skilled in embedded software development by equipping participants with industry-relevant knowledge and providing training on QNX Software Development Platform (QNX SDP).

b) This initiative focuses on empowering students, researchers, and academic institutions to gain hands-on experience on QNX Software Development Platform (QNX SDP), widely used in industries like automotive, robotics, medical devices, and industrial automation etc.

For fulfilment of the aforesaid purpose, Pi Square Technologies India Pvt. Ltd. will be responsible for working with educational institutions and finishing schools for the implementation of the educational institution engagement components of the QNX Everywhere initiative pan India.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

2. Cooperation

a) Both parties believe that close co-operation between the two would be a major benefit to students and faculty to enhance their skills and knowledge of embedded systems and QNX software technologies.

b) Both parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations.

c) Both parties will work together to define and deliver one or more QNX software-based courses and build an active QNX community within at the SECOND PARTY.

3. Program Scope

a) Introduce QNX software and technologies in the curriculum of the SECOND PARTY.

b) Train the college faculty and in-return they train the students.

c) Provide access to essential software / tools required for the program like QNX software development license for non-commercial use, IDEs, etc.

d) Build active QNX community in the campus and organize hackathons / design contest.

e) Master class sessions by QNX Expert Trainers from the FIRST PARTY.

f) Assess and provide participation certification and guidance on research initiatives.

4. Roles and Responsibilities

a. FIRST PARTY

1. Conduct Pre-Assessment of nominated Faculties and organize Faculty Development Program (FDP) for qualified faculties. FDP includes Self-paced learning, Bootcamp, Assignments and Projects, Mentorship from Subject Matter Expert (SME).

2. Train the key stakeholders in the campus including program coordinators, IT, Client Relations on the overall scope and effective delivery of the program.

3. Conduct webinars for students on QNX Everywhere initiative and its advantages.

4. Coordinate with the QNX team for providing the essential QNX software and tools required for this program.

5. Provide Training Material, Program Execution guide and Standard Operating Procedures, Assessment Framework, Assignments, and Question Bank.

6. Train the IT / Lab Team on installation, configuration, access management, and maintenance of essential QNX Software and Tools. Also coordinate with QNX for providing necessary Software / Tools licenses.

7. Plan, Design, and Monitor Quality of the program delivery of the QNX Everywhere initiative with the support of the program coordinators, faculty, placement team and other stakeholders at the SECOND PARTY.

8. Build an active QNX Community at the SECOND PARTY and include them in the global QNX GitHub community for a better exposure and access to experts.

9. Conduct Final Assessment and work with QNX to provide participation certificate.

10. Work with QNX and provide access to Online / Reference material to Students and Faculty.

11. Assess and enrol qualified students into the program.

12. Responsible for the overall execution of the QNX Everywhere initiative as per the objectives set forth.

b. SECOND PARTY

1. Integrate the QNX course in the curriculum of the SECOND PARTY.

2. Provide all necessary Infrastructure like the Digital Classrooms, Embedded Labs including the workstations / laptops and hardware, and resources for delivering QNX Everywhere initiative and related events like Webinars, Hackathon etc.

3. Nominate qualified faculty, depute designated program coordinator, IT / Lab Team as per the pre-requisites and guidelines.

4. Ensure active participation of Students and successful completion of the program.

5. Ensure quality of the training delivery to the students.

6. Promote active QNX Community in the campus.

7. Maintain all the records and reports as per the Standard Operating Procedures, and Provide necessary updates during the status calls and review meetings as per the agenda

8. Commitment of the enrolment of a minimum 60 students in the QNX Everywhere initiative

5. Program Cost and Funding

a) This program is fully supported by QNX and executed by the FIRST PARTY.

b) There are no commercials involved with respect to student training, faculty training, QNX software / tools.

Institutions to bear the expenses related to Travel, boarding and lodging for their faculty deputed for boot camps as a part of the Faculty Development Program.

6. Relationship

This MOU relates solely to the intention of the parties, wherein the parties jointly work together. The status of the SECOND PARTY is not of an agent or employee of the FIRST PARTY and, as such, it shall not have the right or power to enter any contracts, agreements or any other commitments on behalf of the FIRST PARTY unless authorized so in written by the FIRST PARTY. Additionally, neither party has the right to bind QNX in any matter.

7. Confidential and Proprietary Information

a) "Confidential Information" shall mean all information, including the material and/or licenses or other information if any so given to the Second Party, and Faculty Members, written or verbal, identified as confidential or of a nature that a reasonable person would understand as being considered confidential by the FIRST PARTY and disclosed by FIRST PARTY to the SECOND PARTY or its faculty or any personnel which is related to the FIRST PARTY information such as course material, training data, guidance notes, procedures, methodology, etc.

b) The Confidential Information disclosed under this Agreement may be used or reproduced solely to the extent necessary to further and fulfil the purposes of this Agreement (which shall be deemed to be the "Purpose").

c) SECOND PARTY shall not disclose, reproduce, print, or digital or verbal circulation of First Party's confidential information without first obtaining written consent from the FIRST PARTY.

8. Term, Termination, and Dispute Resolution

a) This MoU is effective from 28th, October 2025 to 27th, October 2027. Renewal of this Agreement can be done on mutual consent at least 30 days prior to the expiration of the agreement period.

b) If the SECOND PARTY fails to perform its obligations under this contract and does not correct it within 30 days after receiving a notice requesting performance of obligations from the FIRST PARTY, then the FIRST PARTY may notify in writing the termination of the agreement.

c) Additionally, if FIRST PARTY'S agreement with QNX expires or is terminated, FIRST PARTY may terminate this Agreement by providing written notice.

d) The Parties shall attempt in good faith to resolve any disputes, differences or claims arising out of or relating to this Agreement promptly by negotiation among the Parties.

e) In case of Termination of the Agreement due to any breach by the SECOND PARTY, the then running batch of students shall still complete the entire Training Process.

f) Survival of Obligation: In the event of termination of this MoU, all the clauses #7, #8, #9 and #10 shall continue to survive.

g) Any dispute will be settled in the Court of Hyderabad, India.

9. Indemnity and Limitation of Liability

SECOND PARTY shall defend, indemnify and save harmless Pi Square Technologies India Pvt. Ltd. (PSTI), Affiliates, third party partners including QNX and its affiliates and their respective agents, independent contractors, directors, officers and employees (each, an "Indemnified Party") from and against any and all damages, injuries, claims, demands, actions, liabilities, costs and expenses (including reasonable legal fees) incurred or made against an Indemnified Party arising from or connected with: (i) the non-performance or breach of this Agreement; (ii) SECOND PARTY's breach of any confidentiality, warranty, representation, covenant and/or obligations herein; (iii) any breach by SECOND PARTY of applicable laws and regulations; (iv) the services or developments infringing any third party intellectual property rights of whatever nature anywhere in the world.

QNX AND ITS AFFILIATES AND THEIR RESPECTIVE DIRECTORS, OFFICERS AND EMPLOYEES SHALL HAVE ABSOLTUELY NO LIABLIITY ARISING FROM OR RELATED TO THIS AGREEMENT BETWEEN THE FIRST PARTY AND SECOND PARTY. IN NO EVENT, WILL QNX AND ITS AFFILIATES AND THEIR RESPECTIVE DIRECTORS, OFFICERS AND EMPLOYEES BE LIABLE FOR ANY INDIRECT, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF DATA, REVENUE, PROFITS, OR BUSINESS OPPORTUNITIES, OR PERSONAL INJURY OR

DEATH), WHETHER ARISING IN CONTRACT, WARRANTY, TORT, PRODUCT LIABILITY, OR OTHERWISE, AND EVEN IF THEY HAVE BEEN ADVISED OF THE POSSIBILITY OF DAMAGES IN ADVANCE.

10. Non-Solicitation

SECOND PARTY hereby agrees that during this engagement and for a period of Two Years thereafter, it will not Recruit, solicit or otherwise induce any proprietor, shareholder, lender, director, officer, employee, joint venture partner, investor, lessor, supplier, customer, agent, representative or any other person which has a business relationship with the parties to discontinue, reduce or detrimentally modify such employment, agency or business relationship with FIRST PARTY.

11. Force Majeure

a) Failure or delay in performance of obligations under "This Contract" by either party due to natural disaster, act of government, riot, war, epidemic / pandemic, or any other cause beyond the scope of control of the parties shall not be considered a violation of "This Contract".

b) A party who fails to perform a necessary obligation due to the reasons set forth in "Paragraph 1 of this Article" shall continue to take all measures to the extent of its ability to ensure compliance with it as faithfully as possible.

12. Representation on Authority of Parties / Signatories)

Each person signing this Agreement represents and warrants that he or she is duly authorized and has legal capacity to execute and deliver this Agreement. Each party represents and warrants to the other that the execution and delivery of the Agreement and the performance of such party's obligations hereunder have been duly authorized, and that the Agreement is a valid and legal agreement binding on such party and enforceable in accordance with its terms.

IN WITNESS WHEREOF, the parties to "This Contract" have executed a copy of "This Contract" as of the date first written above and each party shall retain a copy of "This Contract".

On behalf of "First Party"	Address	No 3A, Mindspace Cyberabad, Hi Tech City, Madhapur, Hyderabad, Telangana 500081	
	Entity Name	Pi Square Technologies India Pvt. Ltd.	
	Name	Mr. Srinivas Raju J	
	Contact	srinivasraju@pisquaretech.com	Signature
On behalf of "Second Party"	Address	No 42, Avadi to Vel Tech Road, Avadi, Chennai - 600062	
	Entity Name	Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology	Prof. Rajat Gupta Vice Chancellor
	Name	Dr.Rajat Gupta	
	Contact	8754416291	Signature
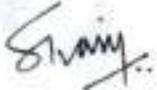
FACULTY ATTENDED FDP/WORKSHOP LIST

S.NO	SCHOOL	DEPARTMENT	FACULTY NAME	FDP/WORKSHOP TITLE
1	SOC	AI&DS	Dr.P.Santhi	Artificial Intelligence, Machine Learning and Data Science with Research Applications
2	SOC	AI&DS	Dr.K.Deepa	Cloud Enabled Deep Learning with Enhanced Security Protocols
3	SOC	AI&DS	Dr.John T Mesia Dass	Flexible and Plant-Wearable Sensor Design for Smart and Precision Pharming at National Institute of Technology Agartala
4	SOC	CSE	3101 Mr. M. Velmurugan	Recent Strategy for Implementing Applications in AIML
5	SOC	CSE	3523 Dr. C. Edwin Singh	AI FOR EDGE COMPUTING IN IOT DEVICES
6	SOC	CSE	3753 Dr. R. Logambigai	FDP - NPTEL
7	SOC	CSE	3803 Dr. S. Saravanan	AI and Data Science for Health care- Transforming Education and Research
8	SOC	CSE	3825 Dr. E. Karthik	ICT Academy FDP on New Age Teaching Techniques
9	SOC	CSE	3828 Dr. S. Ambika	A hands-on Journey into Game Design,AR-VR, and 3D Creation
10	SOC	CSE	3839 Dr. M. Saravanan	Cultivating Innovation: AI in Healthcare
11	SOC	CSE	3839 Dr. M. Saravanan	Foundations and Applications in Quantum Computing from Qubits to Quantum Entanglement
12	SOC	CSE	3839 Dr. M. Saravanan	Demystifying Transformers: The Brains Behind Generative AI
13	SOC	CSE	3853 Dr. C. Viswanathan	Faculty Development Program on Cyber Security using AI
14	SOC	CSE	3866 Dr. C. Selvarathi	QUANTUM COMPUTING AND AI - A POTENTIALLY TRANSFORMATIVE SYNERGY FOR FUTURE INDIA
15	SOC	CSE	3909 Dr. T. Ravi	Data Analytics for Intelligence on Cyber Threats
16	SOC	CSE	3940 Dr. M. Poovayar Priya	Recent Strategy for Implementing Appications in AIML
17	SOC	CSE	4020 D Sedil Vadiv	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Mobility Redefined: Smart Transportation Systems and Autonomous Technologies
18	SOC	CSE	4034 Dr M S Sasi Kumar	Smart Transport System and Autonomous Technologies
19	SOC	CSE	4041 Dr M Mageshwari	Mobility Redefined: Smart Transportation Systems and Autonomous Technologies
20	SOC	CSE	4041 Dr M Mageshwari	Secure and Explainable Generative AI for Medical IoT Data Analytics
21	SOC	CSE	4044 Dr. Jothiaruna	Mobility Redefined: Smart Transportation Systems and Autonomous Technologies

22	SOC	CSE	4044 Dr. Jothiaruna	Redefining Realities: A Hands-on Journey into Game Design, AR-VR, and 3D Creation
23	SOC	CSE	TTS4044Dr. Jothiaruna N	Empowering 5G Communication through Artificial Intelligence and Machine Learning
24	SOC	CSE	TTS3836Dr.S.Selvin Ebenezer	Fundamentals of Drone Systems and AI/ML for Drone Vision
25	SOC	CSE	TTS3964Mr L Leo Prasanth	Fundamentals of Drone Systems and AI/ML for Drone Vision
26	SOC	CSE	TTS3964Mr L Leo Prasanth	Empowering AI Research: Approaches and Techniques of Deep Learning for Multimodal Data Analysis
27	SOC	CSE	TTS3964Mr L Leo Prasanth	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
28	SOC	CSE	TTS3922Mr.B.Sriman	AI-Driven Solutions for Sustainable Development: A Faculty Development Perspective
29	SOC	CSE	TTS3922Mr.B.Sriman	A comprehensive set of topics pertaining to LaTeX
30	SOC	CSE	TTS3922Mr.B.Sriman	Big data analysis and quantum computing
31	SOC	CSE	TTS3751Dr.J.Raja	Bio-Inspired computing and Intelligent Optimisation:Bridging Nature and AI
32	SOC	CSE	TTS4009MR. S. MANOHAR	AI-Driven Solutions for Sustainable Development: A Faculty Development Perspective
33	SOC	CSE	TTS4009MR. S. MANOHAR	Secure and Explainable Generative AI for Medical IoT Data Analytics
34	SOC	CSE	TTS4007Dr S Manjula	Blockchain and Cybersecurity for Cyber Threat Prevention
35	SOC	CSE	TTS4007Dr S Manjula	Blockchain and Cybersecurity for Cyber Threat Prevention
36	SOC	CSE	TTS4005Dr K Lokeshwaran	Smart and Sustainable Waste Management Using IoT and Data Analytics
37	SOC	CSE	TTS3224Dr.A Bhagyalakshmi	AI in Medical Imaging and Diagnostics: Current Trends and Challenges
38	SOC	CSE	TTS3375Dr.D Rajesh	Optimizing Next-Gen Computing for Smart System Development
39	SOC	CSE	TTS3375Dr.D Rajesh	Designing Decentralized Solutions: Blockchain in Modern Industry 4.0
40	SOC	CSE	TTS3994Dr. D. Amu	Blockchain and Cybersecurity for Cyber Threat Prevention
41	SOC	CSE	TTS3991Dr. Natteshan N V S	NEP Orientation and Sensitization
42	SOC	CSE	3991 Dr.Nateshan	NEP ORIENTATION AND SENSITIZATION
43	SOC	CSE	TTS4024Dr Devendar Rao B	Quantum Computing: From Fundamentals to Future Application
44	SOC	CSE	TTS4024Dr Devendar Rao B	Redefining Realities : A Hands-on Journey into Game Design, AR-VR and 3D Creation
45	SOC	CSE	4024 Dr Devendar Rao B	Six days FDP on Redefining Realities: A Hands-on journey into Game Design, AR-VR, and 3D Creation
46	SOC	CSE	TTS3150Mrs. U.Hemavathi	Smart and Sustainable Waste Management Using IoT and Data Analytics
47	SOC	CSE	TTS2733Mr.V.Ashok Kumar	Optimizing Next-Gen Computing for Smart System Development
48	SOC	CSE	TTS3104Mr.G Saravanan	Designing Decentralized Solutions: Blockchain in Modern Industry 4.0
49	SOC	CSE	TTS3104Mr.G Saravanan	Agentic AI Leveraging IBM SkillsBuild Platform and Cloud Technologies

50	SOC	CSE	TTS3157Venkateswaran S	Designing Decentralized Solutions: Blockchain in Modern Industry 4.0
51	SOC	CSE	TTS2819Mr.K.Prabakaran	Application of communication, signal processing and robotics for smart cities
52	SOC	CSE	TTS2819Mr.K.Prabakaran	Agentic AI Leveraging IBM Skills Build Platform and Cloud Technologies
53	SOC	CSE	TTS2446Mrs.K.Prema	NextGen Intelligence
54	SOC	CSE	TTS3170Dr.S Vinoth Kumar	Emerging key technologies in AI and IoT
55	SOC	CSE	TTS3170Dr.S Vinoth Kumar	Foundations of Data Science and its Applications
56	SOC	CSE	TTS3813Ms.V.Bharathi	Redefining Realities : A Hands-on Journey into Game Design, AR-VR and 3D Creation
57	SOC	CSE	TTS3813Ms.V.Bharathi	Empowering AI Research: Approaches and Techniques of Deep Learning for Multimodal Data Analysis
58	SOC	CSE	TTS4035Dr K Kausalya	Secure and Explainable Generative AI for Medical IoT Data Analytics
59	SOC	CSE	4035 Dr K Kausalya	Mobility Redefined: Smart Transportation Systems and Autonomous Technologies
60	SOC	CSE	TTS2733Mr.V.Ashok Kumar	Design Thinking
61	SOC	CSE	TTS3744Ms.M.Sumithra	Recent Advances and Applications of Manufacturing in Industry 4.0
62	SOC	CSE	TTS3744Ms.M.Sumithra	Introduction of Machine Learning
63	SOC	CSE	TTS3861Dr.M.Manikandan	Deep Learning Technique using Python and Tensor Flow
64	SOC	CSE	TTS3989Dr.K.Sudharson	Quantum Computing
65	SOC	AIML	Dr. P. P. Devi	6 Days Faculty Development Program on Quantum Computing: From Fundamentals to Future Applications
66	SOC	AIML	Dr. R. Madonna Arieth	6 Days Faculty Development Program on Quantum Computing: From Fundamentals to Future Applications
67	SOC	AIML	Dr. B. Prabhushankar	6 Days Faculty Development Program on Quantum Computing: From Fundamentals to Future Applications
68	SOC	AIML	Dr. M. S. Saranya	6 Days Faculty Development Program on Quantum Computing: From Fundamentals to Future Applications
69	SOC	AIML	Dr. Peer Mohamed Appa	ATAL FDP – Smart and Sustainable Waste Management Using IoT and Data Analytics
70	SOC	AIML	Dr. Peer Mohamed Appa	ATAL FDP – Secure and Explainable Generative AI for Medical IoT Data Analytics
71	SOC	AIML	Dr. S. Alex David	5 Days FDP – Agentic AI Leveraging IBM SkillsBuild Platform and Cloud Technologies
72	SOC	CSD	Dr.M.Kalaimani	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
73	SOC	CSD	Dr.M.Kalaimani	Empowering AI Research: Approaches and Techniques of Deep learning for Multimodal Data Analytics
74	SOC	CSD	Dr.R.Aruna	Empowering AI Research: Approaches and Techniques of Deep learning for Multimodal Data Analytics
75	SOC	CSD	Dr.M.Sasikumar	Inculcating Universal Human Values in Technical Education
76	SOC	CSD	Dr.M.Sasikumar	Imersive AR and VR Technology and its Applications
77	SOC	CSD	Dr.M.Sasikumar	Redefining Realities:A Handson Journey into Game Deign , AR VR and 3D creation

78	SOC	CSD	Dr.R.M.Dilip Charaan	Redefining Realities:A Handson Journey into Game Design , AR VR and 3D creations
79	SOC	CSD	Dr.R.M.Dilip Charaan	Sustainable Development and Economic Growth in India
80	SOC	CSD	Dr. S. P. Santhoshkumar	Harnessing Deep Learning in Business Analytics-Transform Data to Decision
81	SOC	CSD	Dr. S. P. Santhoshkumar	Advancements in Telehealth Industry Using IoT
82	SOC	CSD	Dr. S. P. Santhoshkumar	Advancements in Artificial Intelligence and Machine Learning for Modern Engineering Solutions
83	SOC	CSD	Dr. S. P. Santhoshkumar	Inculcating Universal Human Values in Technical Education
84	SOC	CSD	Dr. S. P. Santhoshkumar	Data Analytics using Python
85	SOC	CSD	Dr. S. P. Santhoshkumar	AI for Cybersecurity: Fundamentals, Applications, and Hands-on Implementation
86	SOC	CSD	Dr. S. P. Santhoshkumar	Harnessing Quantum Cloud Platforms: A New Frontier in Scalable Computing and Intelligent Systems
87	SOC	CSD	Dr. J. Kavitha	Redefining Realities:A Handson Journey into Game Design , AR VR and 3D creation
88	SOC	CSD	Dr. J. Kavitha	Quantum Algorithms and Cryptography
89	SOC	CSE (AI&ML)	TTS4083 Dr.T.Kalaichelvi	Agentic AI Leveraging IBM SkillsBuild Platform and Cloud Technologies
90	SOC	CSE (AI&ML)	TTS4083 Dr.T.Kalaichelvi	Using Psychological Principles for Enhancing Productivity
91	SOC	CSE (AI&ML)	TTS4083 Dr.T.Kalaichelvi	Machine Learning and Deep Learning - Fundamentals and Applications
92	SOC	CSE (AI&ML)	TTS4087 Mrs Lakshmi Prabha G	Agentic AI Leveraging IBM SkillsBuild Platform and Cloud Technologies
93	SOC	CSE (AI&ML)	TTS4087 Mrs Lakshmi Prabha G	Using Psychological Principles for Enhancing Productivity
94	SOC	CSE (AI&ML)	TTS4098 Mrs.E.Pavithra	Recent Trends in Artificial Intelligence Digitial Era
95	SOC	CSE (AI&ML)	TTS4087 Mrs Lakshmi Prabha G	Winter School on Decentralized Trust and Blockchains
96	SOC	CSE (AI&ML)	TTS3859 Dr.T.M.Thiyagu	Emerging Trends and challenges in cyber security
97	SOC	CSE (AI&ML)	TTS3558 Dr S Lalitha	Emerging Trends and challenges in cyber security
98	SOC	CSE (AI&ML)	TTS4094 Mrs Poongulali E	Emerging Trends and challenges in cyber security
99	SOC	IT	TTS3226 Dr.A.Peter Soosai Anandaraj	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
100	SOC	IT	TTS3226 Dr.A.Peter Soosai Anandaraj	Cyber Security Intelligence FDP
101	SOC	IT	TTS2645 Mrs.J. Deepa	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
102	SOC	IT	TTS2645 Mrs.J. Deepa	Recent Advancements in Communication and Iot Applications
103	SOC	IT	TTS2645 Mrs.J. Deepa	Quantum Computing
104	SOC	IT	TTS2645 Mrs.J. Deepa	AI and Data Analytics for Healthcare: Transforming the Future of Medicine
105	SOC	IT	TTS2656 Mrs.D. Ramya	Idea Generation Methods

106	SOC	IT	TTS2656 Mrs.D. Ramya	Recent Advancements in Communication and Iot Applications
107	SOC	IT	TTS2656 Mrs.D. Ramya	Quantum Computing
108	SOC	IT	TTS2656 Mrs.D. Ramya	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
109	SOC	IT	TTS2946 Mrs.Lijetha C Jaffrin	Bio-Inspired Computing and Intelligent Optimization: Bridging Nature and AI
110	SOC	IT	TTS2946 Mrs.Lijetha C Jaffrin	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
111	SOC	IT	TTS2946 Mrs.Lijetha C Jaffrin	Recent Advancements in Artificial Intelligence and ML
112	SOC	IT	TTS2946 Mrs.Lijetha C Jaffrin	Redefining Realities: A Hands on Journey in to Game design, AR-VR and 3d Creation
113	SOC	IT	TTS2946 Mrs.Lijetha C Jaffrin	Quantum Computing: From Fundamentals to Future Applications
114	SOC	IT	TTS3959 Dr.G.Indra Navaroj	Blockchain and Cybersecurity for Cyber Threat Prevention
115	SOC	IT	TTS3959 Dr.G.Indra Navaroj	MongoDB Associate Developer
116	SOC	IT	TTS3959 Dr.G.Indra Navaroj	Quantum Computing: From Fundamentals to Future Applications
117	SOC	IT	TTS3959 Dr.G.Indra Navaroj	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
118	SOC	IT	TTS3929 Dr J Sulthan Alikhan	Quantum Computing: From Fundamentals to Future Applications
119	SOC	IT	TTS3929 Dr J Sulthan Alikhan	Cyber Security and AI
120	SOC	IT	TTS3930 Dr J Sulthan Alikhan	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
121	SOC	IT	TTS3622 Dr.N.Kathirvel	Quantum Computing: From Fundamentals to Future Applications
122	SOC	IT	TTS3622 Dr.N.Kathirvel	Cyber Security and AI
123	SOC	IT	TTS3622 Dr.N.Kathirvel	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
124	SOC	IT	TTS3904 Dr. Anitha Rajakumari. P	"Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
125	SOC	IT	TTS3904 Dr. Anitha Rajakumari. P	Artificial Intelligence & Machine Learning
126	SOC	IT	TTS3904 Dr. Anitha Rajakumari. P	Artificial Intelligence in Engineering: Innovations and Applications
127	SOC	IT	TTS3930 Dr M Dilsath Fathima	Exploring Cloud Infrastructure and Services with AWS: Foundations to Advanced Practices
128	SOC	IT	TTS2915 Dr Visumathi J	Next Gen AI and LLMs: Transforming Pedagogy and Research
129	SOC	IT	TTS2915 Dr Visumathi J	Next-Gen Intelligence: AI Applications in Industry, Academia and Beyond
130	SOC	IT	TTS2915 Dr Visumathi J	Bio-Inspired Computing and Intelligent Optimization: Bridging Nature and AI
131	SOC	IT	TTS2915 Dr Visumathi J	AI to Genarative AI in Research Perspective
132	SOC	IT	TTS2915 Dr Visumathi J	AI in Medical Imaging and Diagnostics: Current Trends and Challenges
133	SOC	CSE (CS)	TTS3865 & Dr.Saranya R	Cloud Enabled Deep Learning with Enhanced Security Protocols

134	SOC	CSE (CS)	TTS3739 & B.Aishwarya	Redefining Realities: A Hands on journey into Game design,AR-VR and 3D Creation
135	SOC	CSE (CS)	TTS3848 & Dr S.Priya	Data Analytics using Python
136	SOC	CSE (CS)	TTS3848 & Dr S.Priya	AI for Cybersecurity
137	SOC	CSE (CS)	TTS3848 & Dr S.Priya	Cutting Edge Advance in Artificial Intelligence and Data Science
138	SOC	CSE (CS)	TTS3848 & Dr S.Priya	Exploring and Deploying AI : From EDA to Generative and Agentic Systems
139	SOC	CSE (CS)	TTS3848 & Dr S.Priya	Cybersecurity Intelligence
140	SOC	CSE (CS)	TTS3848 & Dr S.Priya	Cloud Computing
141	SOC	CSE (CS)	TTS3848 & Dr S.Priya	Data Analytics using Power Bi
142	SOC	CSE (CS)	TTS3896 & SATHEESH KUMAR M	Cloud Enabled Deep Learning with Enhanced Security Protocols
143	SOC	CSE (CS)	TTS3896 & SATHEESH KUMAR M	Blockchain and Cybersecurity for Cyber Threat Prevention
144	SOC	CSE (CS)	TTS3970&Mohammed Uveise S A	Exploring and Deploying AI : From EDA to Generative and Agentic Systems
145	SOC	CSE (CS)	TTS3970&Mohammed Uveise S A	Cybersecurity Intelligence
146	SOC	CSE (CS)	TTS3970&Mohammed Uveise S A	Cloud Computing
147	SOC	CSE (CS)	TTS3846 & Dr. Mohamed Sithik M	AI for Cybersecurity
148	SOC	CSE (CS)	TTS3846 & Dr. Mohamed Sithik M	Exploring and Deploying AI : From EDA to Generative and Agentic Systems
149	SOC	CSE (CS)	TTS3846 & Dr. Mohamed Sithik M	Cybersecurity Intelligence
150	SOC	CSE (CS)	TTS3846 & Dr. Mohamed Sithik M	Cutting Edge Advance in Artificial Intelligence and Data Science
151	SOC	CSE (CS)	TTS3846 & Dr. Mohamed Sithik M	Data Analytics Using Power BI
152	SOC	CSE (CS)	TTS3846 & Dr. Mohamed Sithik M	Cloud Computing
153	SOC	CSE (CS)	TTS3845 & Dr.S.Ramamoorthi	Exploring and Deploying AI : From EDA to Generative and Agentic Systems
154	SOC	CSE (CS)	TTS3845 & Dr.S.Ramamoorthi	Cybersecurity Intelligence
155	SOC	CSE (CS)	TTS3845 & Dr.S.Ramamoorthi	Cloud Computing
156	SOC	CSE (CS)	TTS3845 & Dr.S.Ramamoorthi	AI for Cybersecurity: Fundamentals, Applications, and Hands-on Implementation
157	SOC	CSE (CS)	TTS3755 &TV.ABIRAAMI	Quantum computing:Fundamentals and Applications
158	SOEC	ECE	Dr. SASIKALA G	Cloud Computing
159	SOEC	ECE	Dr. SASIKALA G	UHV II
160	SOEC	ECE	DR. AANANDHA SARAVANAN K	Revolutionizing Millimetre-wave Communication through THz Photonics Integration
161	SOEC	ECE	DR. AANANDHA SARAVANAN K	Artificial intelligence in cyber Security

162	**SOEC**	**ECE**	DR. AANANDHA SARAVANAN K	Decoding AI: an AIML Workshop Experience
163	**SOEC**	**ECE**	DR. AANANDHA SARAVANAN K	Next Generation Embedded Systems
164	**SOEC**	**ECE**	DR. AANANDHA SARAVANAN K	Outcome based Education and NBA Accreditation Process
165	**SOEC**	**ECE**	DR. AANANDHA SARAVANAN K	Cloud Computing
166	**SOEC**	**ECE**	DR. AANANDHA SARAVANAN K	Exploring Quantum Signal Processing: Core Principles of Applications
167	**SOEC**	**ECE**	DR. AANANDHA SARAVANAN K	Latest developments in RF Technology in 5G and Beyond
168	**SOEC**	**ECE**	Dr. SHIYAMALA. S	Recent Advances and Future Trends in Natural Processing
169	**SOEC**	**ECE**	Dr. SHIYAMALA. S	UHV I
170	**SOEC**	**ECE**	Dr. SHIYAMALA. S	Exploring Quantum Signal Processing: Core Principles of Applications
171	**SOEC**	**ECE**	Dr. MAZHER IQBAL. J. L	UHV I
172	**SOEC**	**ECE**	Dr. MAZHER IQBAL. J. L	Unlocking Potential of AI in VLSI System Design and IC Packing
173	**SOEC**	**ECE**	Dr. ALOY ANUJA MARY G	Revolutionizing Millimetre-wave Communication through THz Photonics Integration
174	**SOEC**	**ECE**	Dr. ALOY ANUJA MARY G	Exploring Quantum Signal Processing: Core Principles of Applications
175	**SOEC**	**ECE**	Dr. ALOY ANUJA MARY G	Cloud Computing
176	**SOEC**	**ECE**	Dr. ALOY ANUJA MARY G	Next Generation Embedded Systems
177	**SOEC**	**ECE**	Dr. ALOY ANUJA MARY G	IEEE Returning Mothers Conference - 2024
178	**SOEC**	**ECE**	Dr. ALOY ANUJA MARY G	Industrial Applications of Embedded Systems and IOT
179	**SOEC**	**ECE**	Dr. ALOY ANUJA MARY G	UHV II
180	**SOEC**	**ECE**	Dr. MOHANRAJ J	Biomedical Optics 2025
181	**SOEC**	**ECE**	Dr. JANA S	Artificial intelligence in cyber Security
182	**SOEC**	**ECE**	Dr. JANA S	UHV II
183	**SOEC**	**ECE**	Dr. JANA S	Sensor Technologies: Physics, Fabrication, and Circuits
184	**SOEC**	**ECE**	Dr. KALPANA DEVI P	UHV I
185	**SOEC**	**ECE**	Dr. KALPANA DEVI P	Exploring Quantum Signal Processing: Core Principles of Applications
186	**SOEC**	**ECE**	Dr. KALPANA DEVI P	Innovation, Entrepreneurship and IPR
187	**SOEC**	**ECE**	Dr. BALAJI. L	UHV II
188	**SOEC**	**ECE**	Dr. BALAJI. L	Principles of modern CDMA/MIMO/OFDM Wireless Communications
189	**SOEC**	**ECE**	Dr. BALAJI. L	OpenCV for Image and Video Processing Applications

190	**SOEC**	**ECE**	Dr. BALAJI. L	Exploring Quantum Signal Processing: Core Principles of Applications
191	**SOEC**	**ECE**	Dr. KANMANI RUBY E D	Python for Data Science
192	**SOEC**	**ECE**	Dr. KANMANI RUBY E D	Cloud Computing
193	**SOEC**	**ECE**	Dr. DAVID NEELS PONKUMAR.D	UHV I
194	**SOEC**	**ECE**	Dr. DAVID NEELS PONKUMAR.D	Mentoring the Mentors
195	**SOEC**	**ECE**	Dr. DAVID NEELS PONKUMAR.D	Ethical Hacking
196	**SOEC**	**ECE**	Dr. DAVID NEELS PONKUMAR.D	Latest developments in RF Technology in 5G and Beyond
197	**SOEC**	**ECE**	Dr. DAVID NEELS PONKUMAR.D	Industrial Applications of Embedded Systems and IOT
198	**SOEC**	**ECE**	Dr. DAVID NEELS PONKUMAR.D	Emerging Patens in Cyber Security and Digital Forensics
199	**SOEC**	**ECE**	Dr. DAVID NEELS PONKUMAR.D	Artificial intelligence in cyber Security
200	**SOEC**	**ECE**	Dr. DAVID NEELS PONKUMAR.D	Enhancing Cyber Threat Detection through Incorporating Digital Technologies
201	**SOEC**	**ECE**	Dr. BEULAH JACKSON	AI Based Technologies
202	**SOEC**	**ECE**	Dr. VINODH KUMAR. N	Online FDP on Exploring emerging trends and future directions in machine learning – integrated VLSI Design
203	**SOEC**	**ECE**	Dr. SREELAKSHMY R	UHV I
204	**SOEC**	**ECE**	Dr. SREELAKSHMY R	UHV II
205	**SOEC**	**ECE**	Dr. VALLIAMMAI. M	Biomedical Optics 2025
206	**SOEC**	**ECE**	Dr. HERALD ANANTHA RUFUS.N	Exploring Quantum Signal Processing: Core Principles of Applications
207	**SOEC**	**ECE**	Dr. HERALD ANANTHA RUFUS.N	Revolutionizing Millimetre-wave Communication through THz Photonics Integration
208	**SOEC**	**ECE**	Dr. HERALD ANANTHA RUFUS.N	Cloud Computing
209	**SOEC**	**ECE**	Dr. SATHYASRI B	Enhancing Cyber Threat Detection through Incorporating Digital Technologies
210	**SOEC**	**ECE**	Dr. SATHYASRI B	Cloud Computing
211	**SOEC**	**ECE**	Dr. SATHYASRI B	UHV II
212	**SOEC**	**ECE**	Dr. SATHYASRI B	IEEE Returning Mothers Conference - 2024
213	**SOEC**	**ECE**	Dr. SATHYASRI B	IOT Focus: Emerging Trends and Real-world challenges
214	**SOEC**	**ECE**	Dr. ANANDAN M	Exploring emerging trends and future directions in Machine Learning -integrated VLSI design
215	**SOEC**	**ECE**	Dr. ANANDAN M	Developing Intelligent IOT systems: From Sensors to Servers
216	**SOEC**	**ECE**	Dr. ANANDAN M	Innovation by Design
217	**SOEC**	**ECE**	Dr. ANANDAN M	UHV I

218	**SOEC**	**ECE**	Dr. ANANDAN M	The Digital Revolution -Innovation in Neurodegenerative Disorder Diagnostics
219	**SOEC**	**ECE**	Dr. ANANDAN M	Challenges of Antenna Design
220	**SOEC**	**ECE**	Dr. ANANDAN M	Unveiling Quantum Computing from Qubits to Quantum Algorithms
221	**SOEC**	**ECE**	Dr. KANMANI PAPPA C	Enhancing Cyber Threat Detection through Incorporating Digital Technologies
222	**SOEC**	**ECE**	Dr. HELINA RAJINI SURESH	Innovation Approaches to cyber Security and Digital Forensics: tools, Techniques and Best Practices
223	**SOEC**	**ECE**	Dr. HELINA RAJINI SURESH	Quantum Computing and its Applications
224	**SOEC**	**ECE**	Dr. HELINA RAJINI SURESH	Exploring Quantum Signal Processing: Core Principles of Applications
225	**SOEC**	**ECE**	Dr. HELINA RAJINI SURESH	Introduction to Quantum Computing: Quantum Algorithms and Qiskit
226	**SOEC**	**ECE**	Dr. HELINA RAJINI SURESH	UHV II
227	**SOEC**	**ECE**	Dr. BAKIYA. A	UHV II
228	**SOEC**	**ECE**	Dr. ARUN. M. R	Recent Advances and Future Trends in Natural Language Processing
229	**SOEC**	**ECE**	Dr. ARUN. M. R	Gen AI
230	**SOEC**	**ECE**	Dr. ARUN. M. R	Exploring Quantum Signal Processing: Core Principles of Applications
231	**SOEC**	**ECE**	Dr. ARUN. M. R	UHV I
232	**SOEC**	**ECE**	Dr. ARUN. M. R	Revolutionizing Millimetre-wave Communication through THz Photonics Integration
233	**SOEC**	**ECE**	Dr. ARUN. M. R	Integration of Research Challenges in System on chip design for Brain Machine Interfaces
234	**SOEC**	**ECE**	Dr.NIRMAL JOTHI J	UHV II
235	**SOEC**	**ECE**	Dr.NIRMAL JOTHI J	Exploring Quantum Signal Processing: Core Principles of Applications
236	**SOEC**	**ECE**	Dr.NIRMAL JOTHI J	Revolutionizing Millimetre-wave Communication through THz Photonics Integration
237	**SOEC**	**ECE**	Dr.NIRMAL JOTHI J	Future Trends and Design Challenges in 5G/6G
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244	**SOEC**	**ECE**	Dr.VELMURUGAN V	Faculty Induction Program
245	**SOEC**	**ECE**	Dr. RAJA. C	AI Assisted Academic Writing

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440	SOEC	BIOTECHNOLOGY	Dr. N. M. Hariharan	Inculcating Universal Human Values in Technical Education
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480	**SOMC**	**MECHANICAL**	Dr. K. Karthik	FDP
481	**SOMC**	**MECHANICAL**	Dr. K. Karthik	STTP for AI and ML
482	**SOMC**	**MECHANICAL**	Dr. K. Karthik	12 week NPTEL course on Advances in Additive Manufacturing of Materials_ Current status and emerging opportunities
483	**SOMC**	**MECHANICAL**	Dr. K. Karthik	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Importance of Artificial Intelligence in Robotics at
484	**SOMC**	**MECHANICAL**	Dr. K. Karthik	AICTE Training And Learning (ATAL) Academy Faculty Development Program on ADVANCES IN METAL ADDITIVE MANUFACTURING: TODAY, TOMORROW, AND BEYOND at
485	**SOMC**	**MECHANICAL**	Dr. K. Karthik	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Industry 4.0: Research &
486	**SOMC**	**MECHANICAL**	Dr. K. Karthik	Two weeks online FDP on Frontiers in Materials, Innovation, Enterpurniership(FMRIE-2024)
487	**SOMC**	**MECHANICAL**	Dr. Belgin Paul D L	NPTEL AICTE FDP on "Organ Printing"
488	**SOMC**	**MECHANICAL**	Rohith Renish	6 Days FDP on "Advanced materials for defence and aerospace applications"
489	**SOMC**	**MECHANICAL**	Dr.V.Ramesh	STTP on AI and ROS for Robotics: Theory and Practice
490	**SOMC**	**MECHANICAL**	Karthick M	Introduction to machine learning
491	**SOMC**	**MECHANICAL**	Karthick M	Principles of metal forming
492	**SOMC**	**MECHANICAL**	Dr M Karthick	12 week NPTEL course
493	**SOMC**	**MECHANICAL**	Dr M Karthick	8 week nptel course Introduction to machine learning
494	**SOMC**	**MECHANICAL**	Dr M Karthick	8 week nptel Metal forminig process
495	**SOMC**	**MECHANICAL**	Dr S Jebarose Juliyana	One week FDP on "Modern Trends in Manufacturing Processes"
496	**SOMC**	**MECHANICAL**	Dr S Jebarose Juliyana	Six days online International FDP on "Additive Manufacturing Advancements in Different Applications (AMADA-24)"
497	**SOMC**	**MECHANICAL**	Dr S Jebarose Juliyana	NPTEL"Manufacturing Processes - Casting and Joining"

498	SOMC	MECHANICAL	Dr S Jebarose Juliyana	Five daysFDP on IOT future connectivity - Insights, Implementation and Security
499	SOMC	MECHANICAL	Dr S Jebarose Juliyana	One Week workshop on Data Analytics for enhanced research outcomes
500	SOMC	MECHANICAL	Dr S Jebarose Juliyana	8 Weeks NPTEL course on Engineering and Architectural Graphics - part I Orthographic Projections
501	SOMC	MECHANICAL	Dr S Jebarose Juliyana	7 days International Virtual Faculty Development Program on "Recent Advances in Teaching and Research on Sustainable Development in Commerce"
502	SOMC	MECHANICAL	Dr S Jebarose Juliyana	7 days fdp on Research publications
503	SOMC	MECHANICAL	Dr S Jebarose Juliyana	Six days online International FDP on "Additive Manufacturing Advancements in Different Applications (AMADA-24)"
504	SOMC	MECHANICAL	Dr. Praveen A. S.	FDP Applications of ANSYS in Engineering: Basics to Advanced
505	SOMC	MECHANICAL	Dr. Praveen A. S.	3D Printing for Biomedical Applications: Shaping the Future of Healthcare in Industry 4.0
506	SOMC	MECHANICAL	Dr. Praveen A. S.	Applied Machine Learning using Python
507	SOMC	MECHANICAL	Dr. Praveen A. S.	Advances in Additive Manufacturing of Materials: Current Status and Emerging Opportunities
508	SOMC	MECHANICAL	Dr. Praveen A. S.	ESSENTIALS OF MACHINE LEARNING TECHNIQUES
509	SOMC	MECHANICAL	Dr. P SIVAMURUGAN	Applied Data Analytics for Enhanced Research Outcomes
510	SOMC	MECHANICAL	Dr. P SIVAMURUGAN	Green Energy Solutions: Building a Sustainable Carbon-Neutral World
511	SOMC	MECHANICAL	Dr D. Rajamani	FDP on Sustainability and Research in Modern Mechanical Engineering
512	SOMC	MECHANICAL	Dr D. Rajamani	Recent Trends in Metal Additive Manufacturing
513	SOMC	MECHANICAL	Dr D. Rajamani	Sustainability and Research in Modern Mechanical Engineering
514	SOMC	MECHANICAL	M.Meikandan	FDP on Inculcating Universal Human Values in Technical Education
515	SOMC	MECHANICAL	Dr S Padmanabhan	Crafting the Future: AI, Robotics, and 3D Printing in Manufacturing Sector
516	SOMC	MECHANICAL	Dr S Padmanabhan	NPTEL-AICTE "Teaching And Learning in General Programs"
517	SOMC	MECHANICAL	Dr S PADMANABHAN	Six-Day International Capacity Building Programme Leveraging AI Tools for Accelerating Research: Demonstration & Hands-on Experience
518	SOMC	MECHANICAL	Dr S PADMANABHAN	Five Day Faculty Development Programme on "Integrating AI in Academic Research: Tools and Techniques"
519	SOMC	MECHANICAL	Dr. Kanak Kalita	AICTE ATAL FDP, Smart Manufacturing Systems…
520	SOMC	MECHANICAL	Dr. Kanak Kalita	NPTEL AICTE FDP, The Joy of Computing Using Python
521	SOMC	MECHANICAL	Dr. BHARANI CHANDAR. J	Crafting the Future: AI, Robotics, and 3D Printing in Manufacturing Sector
522	SOMC	MECHANICAL	Dr.C.Rathinasuriyan	Crafting the Future: AI, Robotics, and 3D Printing in Manufacturing Sector
523	SOMC	MECHANICAL	Dr. Harisivasri Phanindra	Certificate Program The Importance of Process Safety
524	SOMC	MECHANICAL	Dr. Harisivasri Phanindra	Certificate Program Chemical Process Safety in the Chemical Process Industries
525	SOMC	MECHANICAL	Dr. Harisivasri Phanindra	Certificate Program Practical Process Safety 1

526	SOMC	MECHANICAL	Dr. Harisivasri Phanindra	Certificate Program Practical Process Safety 2
527	SOMC	MECHANICAL	Dr. Soundhar A	3 days Workshop on Composites:Manufacturing, Testing and safety
528	SOMC	MECHANICAL	Dr Soundhar A	Six Day Online Internatinal Faculty development program on progress in Mechanical Engineering
529	SOMC	AERO	Dr.G.Surendar	Basics of Aeronautics for UAV
530	SOMC	AERO	Dr.G.Surendar	ATAL FDP on Future outlook of AI and UAV in Precision Agriculture
531	SOMC	AERO	Dr.G.Surendar	Solveathon 4.0
532	SOMC	AERO	Dr.G.Boopathy	ICMPR-2025
533	SOMC	AERO	Dr.G.Boopathy	Carrier in space Industry
534	SOMC	AERO	Dr.G.Boopathy	Next -Gen Engineering
535	SOMC	AERO	Dr.G.Boopathy	Sustainability and research in Modern Mechanical Engineering
536	SOMC	AERO	Dr.G.Boopathy	"TECHNIQUES AND TOOLS FOR SUSTAINABLE AND EMERGING MATERIALS"
537	SOMC	AERO	Dr.G.Boopathy	Advanced approaches in mechanical engineering research
538	SOMC	AERO	Dr.G.Surendar	NeUIM-2024
539	SOMC	AERO	Dr.G.Surendar	Dimensional Engineering
540	SOMC	AERO	Dr.G.Surendar	UAV in Engineering Applications (English)
541	SOMC	AERO	Dr.G.Surendar	Blue Economy Entrepreneurship
542	SOMC	AERO	Mr.B.Kirubadurai	Drones and Development
543	SOMC	AERO	Mr.B.Kirubadurai	Journey to research excellence
544	SOMC	AERO	Mr.B.Kirubadurai	Industrial applications of Embedded systems and IOT
545	SOMC	AERO	Mr.B.Kirubadurai	Renewable Energy
546	SOMC	AERO	Dr.R.Naren shankar	Priciples of space engineering and space vehicle design
547	SOMC	AERO	Dr.R.Naren shankar	Advanced techniques in wind tunnel testing
548	SOMC	AERO	Dr.C.Rakesh kumar	Recent Trends in Advanced Composite Materials – Challenges and Future Perspectives
549	SOMC	AERO	Dr.J.V. Sai prasanna kumar	Advanced functional Materials
550	FME	CHEMISTRY	Prof.Dr.A.Kanni Raj	Faculty Development Programme (FDP) on NEP 2020 Awareness & Mastering E-Content Development: From Creation To Deployment
551	FME	CHEMISTRY	Dr. G. Nageswara Reddy	Emerging Concepts in HVAC&R
552	FME	CHEMISTRY	Dr.A.Roniboss	Recent Trends in Computational Sciences
553	FME	CHEMISTRY	Dr. Divya D	One-Week FDP on Research Methodology

554	FME	CHEMISTRY	Dr. Divya D	Emerging Trends in Advanced Materials and Applications" (ETAMA'24),
555	FME	CHEMISTRY	Dr. G. Nageswara Reddy	leanEnergyforSustainableDevelopment"organizedbyDepartmentofMechanicalEngineering
556	FME	CHEMISTRY	Dr. G. Nageswara Reddy	Emerging material inoviation for industrial applications
557	FME	CHEMISTRY	Dr. G. Nageswara Reddy	ENHANCING CYBER THREAT DETECTION THROUGH INCORPORATING DIGITAL TECHNOLOGIES
558	FME	CHEMISTRY	Dr. Srinivasan V	One-Week FDP on Research Methodology
559	FME	CHEMISTRY	Dr. Srinivasan V	RESEARCH OPPORTUNITIES IN ADVANCED FUNCTIONAL MATERIALS - 2024
560	FME	CHEMISTRY	Dr. N. Edayadulla	ENHANCING CYBER THREAT DETECTION THROUGH INCORPORATING DIGITAL TECHNOLOGIES
561	FME	CHEMISTRY	Dr. N. Edayadulla	Energy Conservation and Storage technologies for global sustainable developments
562	FME	CHEMISTRY	Dr. N. Edayadulla	RESEARCH OPPORTUNITIES IN ADVANCED FUNCTIONAL MATERIALS - 2024
563	FME	CHEMISTRY	Dr. N. Edayadulla	NEP 2020 Orientation & Sensitization Programme
564	FME	CHEMISTRY	Dr.N. Edayadulla	National Level Five-Day Online Faculty Development Programme on "Modern Trends in Chemical Sciences"
565	FME	CHEMISTRY	Dr. N. Haridharan	Recent Advanced Functional Materials and Sustainable Development",
566	FME	CHEMISTRY	Dr. N. Haridharan	One Week National Level Virtual Faculty Development Programme on Interdisciplinary Approaches For Professional Excellence
567	FME	CHEMISTRY	Dr. N. Haridharan	Six Days - Online Faculty Development Program on "Emerging Trends in Advanced Materials and Applications" (ETAMA'24),
568	FME	CHEMISTRY	Dr. N. Haridharan	RECENT INNOVATIVE APPROACHES TO ACHIEVE SUSTAINABILITY
569	FME	CHEMISTRY	Dr. S. Sivakumar	Inculcating Universal Human Values in Technical Education
570	FME	CHEMISTRY	Dr. S. Sivakumar	Inculcating Universal Human Values in Technical Education
571	FME	CHEMISTRY	Dr. Vivek P M	Recent Scientific advancements in PhysChemath
572	FME	CHEMISTRY	Dr. Vivek P M	"Advancing the Frontiers of AI: Research and Industry Perspectives
573	FME	CHEMISTRY	Dr. Vivek P M	Intelligent Computing Techniques and its Engineering Applications
574	FME	CHEMISTRY	Dr. Vivek P M	ECO-FRIENDLY INNOVATIONS: SECURING WATER, ENERGY AND THE ENVIRONMENT FOR A SUSTAINABLE FUTURE
575	FME	CHEMISTRY	Dr. Vivek P M	Advanced Sustainable Materials Using Tools and Tech-Driven Research for Modern Educators
576	FME	CHEMISTRY	Dr. Vivek P M	The Role of Artificial Intelligence in Sustainable Waste Management.
577	FME	CHEMISTRY	Dr. Vivek P M	Enhancing English Language Teaching through Innovation, Skill Development and Reflective Practices
578	FME	CHEMISTRY	Dr. Vivek P M	3D Printing for Biomedical Applications: Shaping the Future of Healthcare in Industry 4.0
579	FME	CHEMISTRY	Dr. Vivek P M	Harnessing Virtual Labs for effective student engagement
580	FME	CHEMISTRY	Dr. Vivek P M	GIS and Remote Sensing Application in Civil Engineering for Sustainable Energy and Climate Management
581	FME	CHEMISTRY	Dr. Vivek P M	Recent Trends of Advanced Functional Materials

582	FME	CHEMISTRY	Dr. Vivek P M	SUSTAINABLE BIOFUELS FROM AGRI AND AGRO-INDUSTRIAL WASTES BY MICROBES
583	FME	CHEMISTRY	Dr.J.Gayathri	RESEARCH OPPORTUNITIES IN ADVANCED FUNCTIONAL MATERIALS - 2024
584	FME	CHEMISTRY	Dr. A. Silambarasan	One Week National Level Virtual Faculty Development Programme on Interdisciplinary Approaches For Professional Excellence
585	FME	CHEMISTRY	Dr. A. Silambarasan	Six Days Faculty Development Program on Recent Advances, Trends, and Challenges in Nanomaterials Characterization
586	FME	CHEMISTRY	Dr.S. Meenakshi	One Week Faculty Development Program on NEP 2020 Awareness & Mastering E-content Development: From Creation to Development
587	FME	CHEMISTRY	Dr.S. Meenakshi	NPTEL-AICTE FDP on Mechanisms in Organic Chemistry
588	FME	CHEMISTRY	Dr. K. Thirunavukkarasu	Interdisciplinary Approaches For Professional Excellence
589	FME	CHEMISTRY	Dr. M. Ramesh	Inculcating Universal Human Values in Technical Education
590	FME	ENGLISH	Dr. Tharini C	Innovative Teaching with AI and Digital Tools for the 21st century Educators
591	FME	ENGLISH	Ms. A. Chrispin Antonieta Dhivya	Exploring Cultures: Diversity in Travel Writing
592	FME	ENGLISH	Ms. A. Chrispin Antonieta Dhivya	Language,Literature and Question Paper Settings for Autonomous Colleges
593	FME	ENGLISH	Ms. A. Chrispin Antonieta Dhivya	Personality and Personal Training
594	FME	ENGLISH	Dr. Prakash. A	Qualitative Research: Challenges in implementation
595	FME	ENGLISH	Dr. Subha Balamurugan	Navigating the Future: Innovations and Strategies in Teaching and Research,
596	FME	ENGLISH	Dr. S. Sweetline	Negotiation Essentials: Build Leardership and Influence
597	FME	ENGLISH	Dr. Yasu Bharathi V. R	Paradigm Shifts in Emergent English Literary Discourses
598	FME	ENGLISH	Dr. Yasu Bharathi V. R	Navigating the Future: Innovations and Strategies in Teaching and Research,
599	FME	ENGLISH	Dr. Yasu Bharathi V. R	Foresights into English Language Teaching and Research
600	FME	ENGLISH	Dr. Yasu Bharathi V. R	Cultural Heterogeneity in Language, Linguistics and Literature
601	FME	ENGLISH	Dr.Priyadarshini M C	'Embracing Sustainability as Opportunity'
602	FME	ENGLISH	Dr.Priyadarshini M C	"AI, Language and Pedagogy"
603	FME	ENGLISH	Dr. Tharini C	Inculcating Universal Human Values in Technical Education
604	FME	ENGLISH	Dr. Tharini C	Enhancing English Communication with AI: Tools, Trends, and Teaching Strategies
605	FME	ENGLISH	Dr. Tharini C	Relevant Research Methodoligies in English Language and Literature 21st Perspective with AI Technological Integration
606	FME	ENGLISH	Dr. Bairavi B	Navigating the Future: Innovations and Strategies in Teaching and Research,
607	FME	ENGLISH	Dr. Bairavi B	Building Mental Resilience
608	FME	ENGLISH	Dr. Subha Balamurugan	Building Mental Resilience
609	FME	ENGLISH	Dr. A. Rajeswari	Refugee Studies: A Literary Introduction

610	FME	ENGLISH	Dr. A. Rajeswari	Foresights into English Language Teaching and Research
611	FME	ENGLISH	Dr. M. Vinoth Kumar	Media Representation and Visual Analysis: Tools, Techniques and Applications
612	FME	ENGLISH	Dr.M.Vallikkannu	Relevant Research Methodoligies in English Language and Literature : 21st Perspective with AI Technological Integration
613	FME	ENGLISH	Dr J Jesintha Princy	Navigating the Future: Innovations and Strategies in Teaching and Research,
614	FME	ENGLISH	Dr J Jesintha Princy	Researching Cultural Vulnerability: Concepts, Contexts and Challenges
615	FME	ENGLISH	Dr J Jesintha Princy	Re-Tracing Memories: Histories, Culture and Narratives
616	FME	MATHEMATICS	Dr.P.Saranya	Innovative pedagogical approaches to core mathematics
617	FME	MATHEMATICS	Dr.P.Saranya	Accreditation, Ranking and NEP: Strategies for Academic Excellence
618	FME	MATHEMATICS	Dr.P.Saranya	TRANSFORMING TEACHING AND RESEARCH WITH GENERATIVE AI
619	FME	MATHEMATICS	Dr.P.Saranya	Applications of R, Python & Bibliometric Tools in Research with Systematic Literature Review
620	FME	PHYSICS	Dr. A. Saranya	AL Insights : Presdictive Power of ML,DL &NLP
621	FME	PHYSICS	Dr. A. Saranya	Empowering Teaching and Research Through Emerging Technology
622	FME	PHYSICS	Dr. A. Saranya	Frontiers in Materails Research, Innovations and Enterprenuership (FMRIE' 24)
623	FME	PHYSICS	Dr. A. Saranya	Advanced sustainable materials using tools and Tech - Driven Research for Modern Educators (ASMTR - 2025)
624	FME	PHYSICS	Dr. S.Sharmila	Advances in Material Characterization and Data Processing
625	FME	PHYSICS	Dr. S.Sharmila	Empowering Teaching and Research Through Emerging Technology
626	FME	PHYSICS	Dr. S.Sharmila	Recent Advances in Chemistry
627	FME	PHYSICS	Dr. S.Sharmila	Universal Human Values-II
628	FME	PHYSICS	Dr.P.Prameela	Frontiers in Materials Research, Innovations and Entrepreneurship
629	FME	PHYSICS	Dr.P.Prameela	Frontiers in Material Science
630	FME	PHYSICS	Dr. Pradeep Reddy Vanga	Advances in Material Characterization and Data Processing (AMCDP-2024)
631	FME	PHYSICS	Dr. Pradeep Reddy Vanga	Empowering Teaching and Research Through Emerging Technology
632	FME	PHYSICS	Dr. Pradeep Reddy Vanga	Computational techniques using HPC in Physical Sciences
633	FME	PHYSICS	Dr. J. Gajendiran	Science and technology development-Academic growth
634	FME	PHYSICS	Dr. U. Rajesh Kumar	Innovation in sustainable Chemical technologies for industrial applications
635	FME	PHYSICS	Dr. C. Sarala Rubi	Frontiers in Physics from fundamental to Emerging Technologies
636	FME	PHYSICS	Dr. C. Sarala Rubi	Recent Trends of Advanced Functional Materials
637	FME	PHYSICS	Dr. C. Sarala Rubi	FRONTIERS IN CHEMICAL RESEARCH : INNOVATIONS AND APPLICATIONS

638	**FME**	**PHYSICS**	Dr. C. Sarala Rubi	Additive Manufacturing Advancements in Different Applications
639	**FME**	**PHYSICS**	Dr. C. Sarala Rubi	Materials Research Internship Training Program
640	**FME**	**PHYSICS**	Dr. C. Sarala Rubi	Advances in Semiconductor and Photonic Devices
641	**FME**	**PHYSICS**	Dr. C. Sarala Rubi	Modern Trends in Manufacturing Process
642	**FME**	**PHYSICS**	Dr.R. Gowri Shankar Rao	Power Electronics and Drives: Shaping the Future of Electric Vechicles
643	**FME**	**PHYSICS**	Dr. Parthasaradhi reddy	Advances in Material Characterization and Data Processing
644	**FME**	**PHYSICS**	Dr. Parthasaradhi reddy	Unveiling Quantum Computing from Qubits to Quantum Algorithms: An Interdisciplinary Engineering Perspective
645	**FME**	**PHYSICS**	Dr. Parthasaradhi reddy	Frontiers in Material Science
646	**FME**	**PHYSICS**	Dr. Monisha	Materials Research Internship Training Program
647	**FME**	**PHYSICS**	Dr. Monisha	Frontiers in Materials Research, Innovations and Entrepreneurship
648	**FME**	**PHYSICS**	Dr.A.Prabakaran	10-day Online Workshop on Quantum Espresso
649	**FME**	**PHYSICS**	Dr.S.Nithya	Frontiers in Materials Research, Innovations and Entrepreneurship
650	**FME**	**PHYSICS**	Dr.S.Nithya	Empowering Teaching and Research Through Emerging Technology
651	**FME**	**PHYSICS**	Dr. M. Thirunavukkarasu	Frontiers in Materials Research, Innovations and Entrepreneurship
652	**FME**	**PHYSICS**	Dr. M. Thirunavukkarasu	Empowering Teaching and Research Through Emerging Technology
653	**FME**	**PHYSICS**	Dr.P.VANI	Frontiers in Materials Research, Innovations and Entrepreneurship
654	**FME**	**PHYSICS**	Dr.P.VANI	Advances in Semiconductor and Photonic Devices (ASPD-2024)
655	**FME**	**PHYSICS**	Dr.P.VANI	Human resource development centre
656	**FME**	**PHYSICS**	Dr.P.VANI	Inculcating Universal Human Values in Technical Education
657	**FME**	**PHYSICS**	Dr. S. Mani Naidu	Frontiers in Materials Research, Innovations and Entrepreneurship
658	**FME**	**PHYSICS**	Dr. S. Mani Naidu	Empowering Teaching and Research Through Emerging Technology
659	**FME**	**PHYSICS**	Dr. S. Mani Naidu	Advances in Material Characterization and Data Processing (AMCDP-2024)
660	**FME**	**PHYSICS**	Dr.M. Rigana Begam	"One Week Faculty Development Program on "Advances in Material Characterization and Data Processing (AMCDP-2024)" held at Anurag University, Hyderabad, Telangana, India, during 15 – 20th July 2024"
661	**FME**	**PHYSICS**	Dr.M. Rigana Begam	7 dAYS National Level Interdisciplinary FDP on "Empowering Teaching and Research Through Emerging Technology" at Ethiraj College for wOMEN 22-26,29-30 jULY 2024
662	**FME**	**PHYSICS**	Dr.M. Rigana Begam	Two-week online Faculty Development Program (FDP) on "Frontiers in Materials Research, Innovations, and Entrepreneurship" (FMRIE'24) at Sri Sairam Engineering College 25th July 2024-8th August 2024
663	**FME**	**PHYSICS**	Dr.M. Rigana Begam	One Week Online National Level FDP on "RECENT ADVANCES IN FUNCTIONAL MATERIALS AND CHARACTERIZATIONS" organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai on 25th to 30th November 2024.
664	**FME**	**PHYSICS**	Dr.M. Rigana Begam	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Crystal Growth, Semiconductor Processing and Manufacturing Technologies at Indian Institute of Technology (Indian School of Mines) Dhanbad.
665	**FME**	**PHYSICS**	Dr. S. Yuvaraj	Frontiers in Materials Research, Innovations and Entrepreneurship

666	FME	PHYSICS	Dr. S. Yuvaraj	A Ten Days Virtual International Faculty Development Program on Frontiers in Material Science
667	FME	PHYSICS	Dr. P. Mohanraj	Advanced in semiconductor and photonic devices
668	FME	PHYSICS	Dr. P. Mohanraj	Empowering Teaching and Research Through Emerging Technology
669	FME	PHYSICS	Dr. P. Mohanraj	Semiconductor material and manufactering technology: Driving the semiconductor eco-system
670	FME	PHYSICS	Dr. P. Mohanraj	Faculty developement program on advanced material and crirtical minerals: Innovation and applications
671	SOM	BBA	Dr.S.Arul Krishanan	Emerging Research Skills: AI Tools, Plagiarism Reduction and Ethical Publishing
672	SOM	BBA	Dr.S.Arul Krishanan	Gen Z Digital Transfermation: Preparing Future Ready Educators.
673	SOM	BBA	Dr. S. Raja	Emerging Trends in Research, Innovation, Intellectual Property and Funding opportunities
674	SOM	BBA	Dr. K. Ravishankar	Lean consultant certification Program
675	SOM	MBA	Dr. G. Chandramowleeswaran	Research Paper Writing Using AI Tools
676	SOM	MBA	Dr. G. Chandramowleeswaran	Master class series under IP Utsav
677	SOM	MBA	Dr. G. Chandramowleeswaran	Transformative HR Practices and Quality Research in the ERA of Human- Centric
678	SOM	MBA	Dr. G. Chandramowleeswaran	From Idea to Product: A Design Thinking Approach"
679	SOM	MBA	Dr. G. Chandramowleeswaran	Building a Scalable Business Model
680	SOM	MBA	Dr. G. Chandramowleeswaran	VIKSIT BHARAT @ 2047: AN OUTLOOK ON REALISING THE VISION
681	SOM	MBA	Dr. G. Chandramowleeswaran	Financial literacy and wealth development
682	SOM	MBA	Dr. Divya	Using Psychological Principles for Enhancing Productivity
683	SOM	MBA	Dr. Divya	Recent Trends of various security tools in cyber security
684	SOM	MBA	Dr. R. Jasmine Sugirthabai	SPSS for Data Analysis in Social Science Research: Tests and Techniques
685	SOM	MBA	Dr. R. Jasmine Sugirthabai	Recent Trends of various security tools in cyber security
686	SOM	MBA	Dr. R. Jasmine Sugirthabai	Gen Z Effects: Innovations Impact and the Future of Industry
687	SOM	MBA	Dr. R. Jasmine Sugirthabai	Using Psychological Principles for Enhancing Productivity
688	SCOM	COMMERCE	Dr. B. KANNADASAN (TTS 3997)	Recent Trends in Artificial Intelligence – Digital Era
689	SCOM	COMMERCE	Dr. B. KANNADASAN (TTS 3997)	The Evolving Power of Qualitative Research
690	SCOM	COMMERCE	Dr. S. Jayakumar 3968	Acadamic writing and Publication Ethics of Research Papers
691	SCOM	COMMERCE	Dr.K.Karpagambigai (TTS4060)	Gen Z and Digital Transformation: Preparing Future ready Educators
692	SCOM	COMMERCE	Dr.K.Karpagambigai (TTS4060)	Outcome based Education (OBE) and NEP 2020
693	SCOM	COMMERCE	Dr. L. Ramesh (TTS4093)	Gen Z and Digital Transformation: Preparing Future ready Educators

694	SCOM	COMMERCE	Dr.R.KAMARAJ (TTS4027)	Recent Trends in Artificial Intelligence – Digital Era
695	SCOM	COMMERCE	Dr.R.KAMARAJ (TTS4027)	A Strategic Framework for Industry 5.0 & the SDG
696	SCOM	COMMERCE	Dr. S. Vimali (TTS3973)	Integrating Modern Tools and Ethical Practice for High Impact Research
697	SCOM	COMMERCE	Dr. S. Vimali (TTS3973)	Ignite, Inspire, Implement: The 31 Model of Commerce Education
698	SCOM	COMMERCE	Dr. S. Vimali (TTS3973)	Enterprise Strategy & Prespective of Generative AI and its Implications
699	SCOM	COMMERCE	Dr. S. Vimali (TTS3973)	Recent Trends in Artificial Intelligence – Digital Era
700	SCOM	COMMERCE	Dr. S. Vimali (TTS3973)	Innayamum Tamizhum
701	SCOM	COMMERCE	Dr. S. Vimali (TTS3973)	Sustainable Practices in Teaching learning and Content Creation
702	SCOM	COMMERCE	Mr.Susidharan S (TTS3992)	Digital Pedagogy Teaching in the age of Technology
703	SCOM	COMMERCE	Mr.Susidharan S (TTS3992)	Innovative Application of Mathematics in Real world Challenges
704	SCOM	COMMERCE	Mr.Susidharan S (TTS3992)	Ignite, Inspire, Implement: The 31 Model of Commerce Education
705	SCOM	COMMERCE	Mr.Susidharan S (TTS3992)	Emerging Trends and Innoivation in Social Science Research
706	SCOM	COMMERCE	Mr.Susidharan S (TTS3992)	Enterprise Strategy & Prespective of Generative AI and its Implications
707	SCOM	COMMERCE	Mr.Susidharan S (TTS3992)	Visit Bhrath @20247 an outlook on relaising the vision
708	SCOM	COMMERCE	Mr.Susidharan S (TTS3992)	Electrify5.0 The next generation of smart Transport
709	SCOM	COMMERCE	Pavithra	Visit Bhrath @20247 an outlook on relaising the vision
710	SCOM	COMMERCE	TTS3873 & B.Parvathi	Advanced Academic And Research Excellence: Innovative Strategies For Faculty Devolopment
711	SCOM	COMMERCE	TTS3873 & B.Parvathi	Effective Teaching and Research Methodology
712	SCOM	COMMERCE	TTS3873 & B.Parvathi	Five Days FDP
713	SCOM	COMMERCE	TTS3873 & B.Parvathi	"Introduction of Intellectual Property Rights & Innovation"
714	SCOM	COMMERCE	TTS3873 & B.Parvathi	Program on Recent Trends and Innovations in Advanced Computing andIntelligent Systems,
715	SCOM	COMMERCE	TTS3873 & B.Parvathi	Dynamic Logistics pricing and cost Prediction using Linear Regression Models
716	SCOM	COMMERCE	TTS3873 & B.Parvathi	National Intellectual Property Awareness mission
717	SCOM	COMMERCE	TTS3873 & B.Parvathi	Online Professional Development Program on Application of Artificial Intelligence (AI) in Research and Publication
718	SCOM	COMMERCE	TTS3895 & Ms.Nithya	"Recent Advances in Teaching and Research on Sustainable Development in Commerce"
719	SCOM	COMMERCE	TTS3895 & Ms.Nithya	AI IN ENHANCING ACADEMIC RESEARCH WRITING
720	SCOM	COMMERCE	TTS3895 & Ms.Nithya	"Integrating NEP 2020 into Higher Education: Strategies for Faculty Development and Curriculum Innovation"
721	SCOM	COMMERCE	TTS3895 & Ms.Nithya	Life, Leadership, and Legacy of Birsa Munda: Inspiring National Spirit and Tribal Empowerment,

722	SCOM	COMMERCE	TTS3895 & Ms.Nithya	"INNAYAMUM TAMIZHUM "
723	SCOM	COMMERCE	Dr.Aswini K	Recent Trends in Artifical Intelligence-Digital Ers
724	SCOM	COMMERCE	Dr.Sridevi J	Innovation Teaching Pedagogy for effective Classroom Management
725	SCOM	COMMERCE	Dr Ramesh kumar S	Sustainable Practices in Teaching-learning and content Creation
726	SCOM	COMMERCE	Dr Vijai C	Recent Trends in sartifical Intelligence-Digital era
727	SCOM	COMMERCE	Dr.Vijai C	Transforming Research into Quality Publication:Tools,Technioques Practices
728	SCOM	COMMERCE	Ms. Karthikeyani V	Revolutionizing the landscape of research and education on future intelligence
729	SCOM	COMMERCE	Ms. Karthikeyani V	Digital Pedagogy: Teaching in the age of technology
730	SOL	LAW	Dr Y EBENEZER	5 DAYS - Periodic labour force survey and time use survey using SPSS MAY 26 TO 30 2025
731	SOL	LAW	Dr Y EBENEZER	1 DAY -research article writing and funding
732	SOL	LAW	Dr Y EBENEZER	4 days - Macro economic issues in india from 21 to 24 /1/2025
733	SOL	LAW	Dr Y EBENEZER	3 days - how to publish reseaech papers in Scopus 8 to 10 / / 2025
734	SOL	LAW	Dhanasekar M	Attended 5 days Workshop on the topic "Audiovisual Methodologies in Social Sciences" in The French Institute of Pondicherry from 11th to 15th November 2024.
735	SOL	LAW	Dr. K. BARATHIRAJA	Tamil Translation of the Administrative Thinkers, Central Institute of Indian Language, Mysore, Karnataka from 5th November 2024 to 11th November 2024
736	SOL	LAW	Dr. K. BARATHIRAJA	FDP, NEP 2020 Orientation and Senitization
737	SOL	LAW	Moniga.S	2- DAYS ON 5th & 6th Aug 2024, " critical & creative thinking skills" Michael Job Memorial college of Education for women.
738	SOL	LAW	Moniga.S	FDP ON NEP-2020: ORIENTATION & SENSITIZATION UNDER MALAVIYA MISSION (MMTTC-TTP) JNV UNUVERSITY JODHPUR FROM 18th & 26 August 2025
739	SOL	LAW	S.Kalpana	- 5 Days Intensive Workshop "Paradigm Shift of Forensic Sciences on Legal Profession 24.03.25 to 28.03.25
740	SOL	LAW	S.Kalpana	27 feb to 3rd March, Information Technology
741	SOL	LAW	S.Kalpana	10th to 21March FDP on NEP 2020 Orientation and Sensation
742	SOL	LAW	S.Kalpana	23.04.25 FDP on pedagogical aproches
743	SOL	LAW	S.Kalpana	28.04.25 FDP on Intellectual Property Rights
744	SOL	LAW	S.Kalpana	14th july to 18July Interdisciplinary legal research in 21st century approaches and challenges
745	SOL	LAW	Roselin.V.N	International Fdp on Contemporary legal challenges by CCAL and International Association of Social protection (IASP Wahington , Peace NMD & Guj Jurix from 14 th July to 20 th July
746	SOL	LAW	Roselin.V.N	One week FDP on Ai and Future of legal Education by Prestige Institute Gawliour from 18 th July to 24 th july
747	SOL	LAW	Roselin.V.N	5 day FDP by Amity University Kolkata in Contemporary issues in Economics from 21 st to 35 th july
748	SOL	LAW	Roselin.V.N	14 day FDP by SRM University Sonepat for Viksat Bharat from 28 th July to 10 th August
749	SOL	LAW	A Lilly victoria	Geographical Indication - 16.10.2025

750	SOL	LAW	A Lilly victoria	AI and Google Tools in Education - 02.11.2025
751	SOL	LAW	A Lilly victoria	Interdisciplinary Legal Research in the 21 st Century: Approaches and Challenges Organized by Amity Law School.(14-07-2025 - 18-07- 2025)
752	SOL	LAW	A Lilly victoria	Evolving Frontiers of Law and Legal Education . Organized by School of Law, Dhanalakshmi Srinivasan University,Samayapuram,Trichy. (24.10.2025- 30.10.2025)
753	SOL	LAW	K HARI HARA SUDHAN	EDUCATION FOR WELL BEING - SCIENCE FOR HAPPINESS- UGC-MMTTC
754	SOL	LAW	Ashok Kumar R	FDP - NEP 2020 - Orientation and Sensitation by UGC
755	SOL	LAW	Dr. K. ILLAKIYA	16th October 2024 (Offline)- "VELTECH YOUTH PARLIAMENT, School of Law, Veltech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai – 62
756	SOL	LAW	Dr. K. ILLAKIYA	12th July 2025 (Offline) – One Day National Level Workshop on "Significance of Intellectual Property Protection for Individuals and Startups", IPR Cell – Office of Research & Development, Veltech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai – 62.
757	SOL	LAW	Dr. K. ILLAKIYA	1st November 2025 (Offline) - 1ST INTRA-COLLEGE CLIENT COUNSELLING COMPETITION – 2025, School of Law, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai – 62.
758	SOL	LAW	Dr. K. ILLAKIYA	27th July to 29th July 2024 (Online) - Three Days Workshop on "ADAPTATION TO TECHNOLOGY & 21st CENTURY SKILLS", Online Program, A3 MINDS
759	SOL	LAW	Dr. K. ILLAKIYA	1st August 2024 (Online)- One Day National Online Workshop on "Writing Proposal for Funded Project", GLOBAL INSTITUTE OF STATISTICAL SOLUTIONS (GISS)
760	SOL	LAW	Dr. K. ILLAKIYA	16th August 2024 (Online)- One Day Webinar on "Latest Research on Semiconductors, Communications & Sustainable Disaster Management", EduCare Taiwan, TAIWAN EDUCATION PLATFORM
761	SOL	LAW	Dr. K. ILLAKIYA	17th to 19th August 2024 (Online) -Three Days International Online Workshop on "Academic Writing: Ethical Issues", INSTITUTE FOR STATISTICS AND ANALYTICAL RESEARCH (ISAR), Chennai India
762	SOL	LAW	Dr. K. ILLAKIYA	20th October 2024 (Online)- One day National Online Workshop on "Writing Proposal for Funded Project", GLOBAL INSTITUTE OF STATISTICAL SOLUTIONS (GISS)
763	SOL	LAW	Dr. K. ILLAKIYA	25th January 2025 (Online)- One Day National Level Workshop on "Techniques in Finding UGC CARE & SCOPUS-Indexed Journals", SUN VIRTUAL LEARNING, MSME Scheme, Govt. of India, Tamil Nadu
764	SOL	LAW	Dr. K. ILLAKIYA	15th April 2025 (Online) - IIC 7.0 Self-Driven Activity Expert Talk on "Digital Transformation & AI for Entrepreneurship", Innovation Council, Veltech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai – 62.
765	SOL	LAW	Dr. K. ILLAKIYA	28th Nov 2024 – 3rd Dec 2024 (Offline)- One-week Faculty Development Program (FDP) on NEP 2020 Awareness & Mastering E-Content Development: From Creation to Deployment, Human Resource Development Centre (HRDC), Veltech Rangarajan Dr. Sagunthala R & D Institute of
766	SOL	LAW	Dr. K. ILLAKIYA	15.07.2025 to 28.07.2025 (Offline)- 12 days UGC Sponsored Refresher Course on "Artificial Intelligence in Arts and Social Sciences", Batch – I (Residential Mode), UGC - Malaviya Mission Teacher Training Centre, University of Madras.
767	SOL	LAW	Dr. K. ILLAKIYA	3. 8th to 30th September 2025 (Online) - Multidisciplinary Online Certificate Course (36 hrs) on "Public Policy and Governance", Indian Institute of Public Administration, Karnataka Regional Branch (IIPA-KRB) and Department of Political Science, Bangalore University, Bangalore – 560056.
768	SOL	LAW	Dr. K. ILLAKIYA	1 to 7 August 2024 (Online)- One Week National Level Faculty Development Programme (FDP) on "RESEARCH PAPER WRITING & PUBLISHING", HI LEARN EDUTECH INSTITUTE, Bijapur/Vijayapur. Karnataka
769	SOL	LAW	Dr. K. ILLAKIYA	18 - 24th October 2024 (Online)- One-week National Level Online Faculty Development Program (FDP) on "How to Write Introduction, Literature Review, Research Methodology, Result and Discussion & Conclusion", HI LEARN EDUTECH INSTITUTE, RIZVI COLLEGE OF ARTS,
770	SOL	LAW	Dr. K. ILLAKIYA	17 – 21 February 2025 (Online)- Five Days National Faculty Development Programme on 'Research Structuring Publication Process', Centre for Research & Training (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu.
771	SOL	LAW	Dr PAMARTHI SATYANARAYANA	Regarding Innovation
772	SOL	LAW	Dr PAMARTHI SATYANARAYANA	OBE
773	SOL	LAW	Vageeswari R	1. "Intellectual Property Rights, Biotechnology and Health Laws conducted by Centre of Excellence in Sustainable Development Research, under the aegis of Department of Law (IIIJS), Institute of Engineering and anageent,New Town.
774	SOL	LAW	Vageeswari R	5 days online FDP conducted by AMITY law school
775	SOL	LAW	Ms Archana R	5day online FDP by Amity Law School
776	SOL	LAW	N. Malarvizhi	International 3 days online workshop on Research Process using AI tools _Global Institute of statistical solutions on(Nov 2nd-4th 2024)
777	SOL	LAW	N. Malarvizhi	1 week FDP on AI and the future of Legal education_Prestige Institute of Management on (July 18th-25th 2025)

778	SOL	LAW	N. Malarvizhi	5 day International FDP on Interdisciplinary Research in Era of AI_Rai university on (Aug 4th-8th 2025)
779	SOL	LAW	N. Malarvizhi	FDP on NEP-2020 -Teacher Training programme_JNV university on (Aug 28th-26th 2025)
780	SOL	LAW	N. Malarvizhi	5 day FDP on Interdisciplinary legal research in 21st century_Rai university on (July 14th -18th 2025)
781	SOL	LAW	DEEPIKA PAIRA	Geographical Indications (GI) held on 16th Oct, 2025 by Property Pro Legal
782	SOL	LAW	DEEPIKA PAIRA	Two day International Conference BY ICLSS (International Institute of Justice and Police Sciences, India) 29th and 30th March, 2025
783	SOL	LAW	DEEPIKA PAIRA	The Power of Youth Commonwealth's Response to Climate Change and SDG13, organized by The Summit 17, March 15, 2025
784	SOL	LAW	DEEPIKA PAIRA	Two Credit Course on the Law of the Seas Organised by the Centre for Advanced Study in International Humanitarian Law, (CASH), RGNUL, 2025-2026
785	SOL	LAW	DEEPIKA PAIRA	Five days FDP - Interdisciplinary Legal Research in the 21st Century: Approaches and Challenges by AMITY LAW SCHOOL, AMITY UNIVERSITY, KOLKATA- (14TH JULY-18TH JULY, 2025).
786	SOL	LAW	DEEPIKA PAIRA	Five days FDP-Advanced level Data Analysis Using SPSS, 20th -24th March, 2025
787	SOL	LAW	M. Sridevi	IPR and Biotechnology and Health law - HRDC, IEM
788	SOL	LAW	M. Sridevi	Vakkik Pathasala
789	SOL	LAW	Dhivyapriya	Nep2020
790	SOL	LAW	Dhivyapriya	Amity University
791	SOL	LAW	A.viswana	Research Methodology and Data Analysis by ICFAI, Jaipur
792	SOL	LAW	A.viswana	Malaviya mission teacher training program
793	SOL	LAW	A.viswana	Empowering change towards sustainability and equality in higher Education
794	SOL	LAW	A.viswana	Contemporary Legal Issues and Artificial Intelligence by Seshadripuram Law College, Bengaluru
795	SOL	LAW	Ms. Prakriti M	"Advanced Informative and Emerging Trends in Teaching and Research" organised by IIM Delhi, BPIT And RFI, on 24-30 August 2024.
796	SOL	LAW	Ms. Prakriti M	"Contemporary Trends in Research Methodology and Teaching Pedagogy: Multidisciplinary Approach", organised by RGNLU, on 14-19 July 2025.
797	SOL	LAW	Ms. Prakriti M	"The Study of New Criminal Laws: Colonial to Modern Era", organised by ICFAI University, Tripura on 15-21 July 2024.
798	SOL	LAW	Ms. Prakriti M	"Research Structuring and Publication Process", organised by CRT NFED on 17-21 February 2025
799	SOL	LAW	Ms. Prakriti M	"UGC-FDP on NEP 2020:Orientation and Sensitization Programme", 19-26 August 2025
800	SOL	LAW	SUDHA B	NEP - 2020: orientation and sensitization
801	SOL	LAW	Dr S T NAIDU	Management Development Programme, Sri Vishnu Engneering College for Women, Bhimavaram
802	SOL	LAW	S.Renuka	National Workshop on "Deciphering the New Criminal Law: The Key Provisions and Amendments" - 23rd July, 2024
803	SOL	LAW	S.Renuka	One-Week Nationwide thematic Faculty development Program (TFDP) on "Understanding the Paradigm Shift and Evolving Contours in New Criminal Legislation"- 23rd June 2025 to 28th June 2025
804	SOL	LAW	S.Renuka	7 Days Faculty Development Program on "Intellectual Property Rights and Emerging Legal Challenges in the Digital Era"- 14th July 2025 to 21st July 2025
805	SOL	LAW	S.Renuka	FDP on NEP-2020: Orientation & Sensitization- 18th August 2025 to 26th August 2025

806	SOL	LAW	S.Renuka	5-Days Faculty Development Programme on "Intellectual Property Rights, Biotechnology and Health Laws"- 23rd June 2025 to 27th June 2025
807	SOL	LAW	S.Renuka	7-day Online Faculty Development Program themed "Innovative Pedagogies in Law: Enhancing Learning through Simulation-Based Legal Education".- 12th October to 17th October 2025
808	SOL	LAW	S.Renuka	Faculty Development Program on "Interdisciplinary Legal Research in the 21st Century: Approaches and Challenges"- Dates: 14th July to 18th July 2025
809	SOL	LAW	JANI REJIKUMAR	FDP on NEP 2020: ORIENTATION AND SENSITIZATION under Malaviya- Mission- Teacher Training Programme (MM-TTP) of UGC.
810	SOL	LAW	JANI REJIKUMAR	2 DAYS FDP ON CRITICAL AND CREATIVE THINKING SKILL organized by IQAC MICHEAL JOB MEMORIAL COLLEGE OF EDUCATION FOR WOMEN.
811	SOL	LAW	JANI REJIKUMAR	FDP ON EDUCATION FOR WELL BEING: SCIENCE OF HAPPINESS organized by GURU ANGAD DEV- MALAVIYA MISSION TEACHER TRAINING CENTRE (GAD MMTTC), SGBT KHALSA COLLEGE, UNIVERSITY OF DELHI.
812	SOL	LAW	JANI REJIKUMAR	5 DAYS FDP ON INTERSISCIPLINARY LEGAL RESEARCH IN 21st CENTURY: APPROACHES AND CHALLENGES ORGANIZED BY AMITY LAW SCHOOL, AMITY UNIVERSITY KOLKATA.
813	SOL	LAW	Sruthi Kannan	AI for Work-Life Harmony: Working Smarter, Not Harder FDP VIT, AP . JULY 2025.
814	SOL	LAW	Sruthi Kannan	Faculty Development Programme on "Law, Artificial Intelligence, and the Digital Society", conducted from 21st to 26th July 2025 by JIMS Engineering Management Technical Campus, Delhi.
815	SOL	LAW	Pooja	WORKSHOP ON GI: RETREAT KASHMIR: A HERITAGE OF CRAFT AND CULTIVATION" organized by Kashmir law college (23rd oct to 25th oct 2025)
816	SOL	LAW	Pooja	ICFAI UNIVERSITY TRIPURA FACULTY OF LAW - "THE STUDY OF NEW CRIMINAL LAWS FROM COLONIAL TO MODERN ERA" - 15.07.2024 TO 21.07.2024.
817	SOL	LAW	Mr.G.Kothandaraman	Acumen foundation & Seva Academy On 25-02-2025 workshop on Next-Gen E-Content Creation with AI and VR
818	SOL	LAW	Mr.G.Kothandaraman	Amity University 5 days FDP Interdisciplinary Legal Research in the 21st Century: Approaches and Challenges 14-07-2025 to 18-07-2025
819	SOL	LAW	Dr. S. UDAYAKUMAR	UGC-MMTTC
820	SOL	LAW	Dr. S. UDAYAKUMAR	AMITY UNIVERSITY
821	SOL	LAW	Dr Ajitha E	Trainers' Training Certification Course on Posh Act, 2013 (Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013) Compliances- organised by Kalinga University, Naya Raipur, in association with the Indian National Bar Association, New Delhi- Jan- Feb 2025
822	SOL	LAW	Dr Ajitha E	1. NEP Orientation and Sensitization Programme - organised by UGC MMTTC, STRIDE and IGNOU- 16th- 24th December 2024.
823	SOL	LAW	Dr Ajitha E	2. NEP 2020 Awareness & Mastering E- Content Development from Creation to Deployment-organised by HRDC VelTech Rangarajan Dr Sagunthala R&D Institute of Science and Technology- 28th November - 3rd December 2024.
824	SOL	LAW	Dr Ajitha E	3. Emerging Trends in Labour and Employment Laws- organised by School of Law, Christ University, Delhi- 13th- 18th 2025.
825	SOL	LAW	Dr Ajitha E	4. Education for Well- Being: Science of Happiness- organised by UGC MMTTC- 14th -19th July 2025.
826	SOL	LAW	Dr Ajitha E	5. AI, Technology and Law- organised by Integral University, Lucknow and Law Teachers India- 11th- 27th August 2025
827	SOL	LAW	Dr. K. Sakthi Priya	National Workshop on Hands on Training Programme on useful Tools efficiently create Research Summary from 22.7.2024 to 25.4.2024 by SRM university Ramapuram
828	SOL	LAW	Dr. K. Sakthi Priya	Beyond Boundaries; Driving Innivation in Research by Auxillium College Vellore from 26.12.2024 to 30.12.2024
829	SOL	LAW	Dr. K. Sakthi Priya	Research Merhodology Literature Review and Reference by HI LEARN EDU TECH front 13.6. 2024 to 19.6.2024
830	SOL	LAW	Dr. K. Sakthi Priya	NEP 2020; Orientation and Sensitization Malaviya Mission Teaching Training Programme by UGC Rajastan from 17.4.2025 to 24.4 2025
831	SOL	LAW	Dr. K. Sakthi Priya	Geographical Indicator by Property PRO Legal from 16.10.2025
832	SOL	LAW	Dr. K. Sakthi Priya	Economics of Arts and Culture by B.R.B. College of Commerce , Richard , Karnataka from 31.3.2025 to 5.4.2025.
833	SOL	LAW	SAJITHRA M	Geographical Indications workshop

834	SOL	LAW	SAJITHRA M	NEP 2020 Awareness and Mastering E-Content Development: From Creation to Deployment
835	SOL	LAW	SAJITHRA M	The Role of Forensic Linguistics in Decoding Evidences
836	SOL	LAW	Dr. V. Nivedhitha`	Trainers' Training Certification Course on POSH ACT, 2013 (Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013) Compliances organized by Kalinga University in association with the Indian National Bar Association during the month of February, 2025.
837	SOL	LAW	Dr. V. Nivedhitha`	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme of University Grants Commission organized by Malaviya Mission Teacher Training Centre, Staff Training and Research Institute of Distance Education, Indira Gandhi National Open University
838	SOL	LAW	Dr. V. Nivedhitha`	IPR: National and International Registrations organized by Centre for Advanced Studies in Intellectual Property and Technology Law, Indian Society of International Law in association with the Chanakya National Law University, Pune held from 28.02.2025 to 05.03.2025.
839	SOL	LAW	S. LakshmiPriya	13.05.25 to 25.05.25, VIT-AP School of law
840	SOL	LAW	K. Abirami	Online session on Geographical Indications
841	SOL	LAW	K. Abirami	The Role of Forensic linguistics in decoding evidence
842	SOL	LAW	K. Abirami	Interdisciplinary legal research in 21st century
843	SOL	LAW	Harihara Priya M	Workshop on law of Crimes, Saveetha School of Law
844	SOL	LAW	chandralekha.s	Paradigm Shift of Forensics Science on Legal Profession- march 24th to 28th 2025- By TNDALU, Taramani.
845	SOL	LAW	chandralekha.s	Changing dimensions of legal research in the 21st century: navigating Dharma, constitutional values and academic excellence-7th july to 12th july- By Asian law college, Noida
846	SOL	LAW	chandralekha.s	NEO 2020: orientation & sensitization-By Malaviya Mission Teacher training Programme, Central University of South Bihar – NEP 2020- Orientation and Sensitization : 22-07-2025 to 30-07-2025 (Online)
847	SOL	LAW	Dr.M.RAMESH	5 Days Intensive Workshop "Paradigm Shift of Forensic Sciences on Legal Profession" Organized by Tamil Nadu Dr Ambedkar Law University. Chennai from 24 March to 28 March 2025
848	SOL	LAW	Dr.M.RAMESH	SHORT TIME FDP ORGANIZED BY UGC-MMTTC (GAD-MMTTC) FROM 14Th November TO 19th November 2024.
849	SOL	LAW	Dr.M.RAMESH	NEP 2020 ORENTATION & SENSITIZATION PROGRAMME BY UGC MMTTC From 30th December to 8th January 2025.
850	SOL	LAW	Dr.M.RAMESH	One Week Online FDP on "Education for well-Being : Science of Happiness. From 14th July to 19th July 2025.
851	SOL	LAW	Dr.M.RAMESH	FDP On " Interdisciplinary legal Research in the 21st Century: Approaches and challenges" Organized by AMITY UNIVERSITY Kolkata.
852	SOL	LAW	Aruna. S	By HRDC at Veltech University - NEP 2020- Awareness and Mastering E-Content Development – from Creation to Development : 28-11-2024 to 3-12-2024
853	SOL	LAW	Aruna. S	By IIMT University, Meerut - The Role of Forensic Linguistic in Decoding Evidence : 3-07-2025 to 9-07-2025(Online)
854	SOL	LAW	Aruna. S	By Malaviya Mission Teacher training Programme, Central University of South Bihar – NEP 2020- Orientation and Sensitization : 22-07-2025 to 30-07-2025 (Online)
855	SOL	LAW	Aruna. S	By Malaviya Mission Teacher training Programme, JNV University – NEP 2020- Orientation and Sensitization : 18-08-2025 to 26-08-2025(Online)
856	SOL	LAW	Aruna. S	By CESDR - Constitutionalism and human Rights: Looking Through the Prism of SDGS For Global Development : 22-09-2025 to 26-09-2025 (online)
857	SOL	LAW	Anjana P S	Paradigm Shift of Forensic Sciences on Legal Profession conducted by The Tamil Nadu Dr Ambedkar Lax University.(Offline)
858	SOL	LAW	Anjana P S	FDP on NEP 2020 Orientation and &Sensitisation conducted by UGC - MMTTC , JNV University, Jodhpur, Rajasthan
859	SOL	LAW	Anjana P S	FDP on Interdisciplinary Legal Research in the 21st century:Approaches and Challenges conducted by Amity University,Kolkata.
860	SOL	LAW	T Jayakumar	UGC MMTC -NEP FDP
861	SOL	LAW	T Jayakumar	UGC MMTC - CANCER AWARENES FDP

862	SOL	LAW	PRABAVATHI N	HOW TO WRITE & GET YOUR RESEARCH PAPER PUBLISHED IN SCOPUS & UGC JOURNALS
863	SOL	LAW	PRABAVATHI N	Enhancing Scholarly Writing and Publication Skills Targeting High Impact Factor Journals and Application of Artificial Intelligence (AI)
864	SOL	LAW	SUGANYA SANKARI C	Research Methodologyand Data Analysis by CPLAP in collaboration with IQAC and ICFAI, Jaipur
865	SOL	LAW	SUGANYA SANKARI C	Contemporary Legal Issues and Artificial Intelligence by Seshadripuram Law College, Bengaluru
866	SOL	LAW	STALIN.S	Incorporating Universal Human Values
867	SOL	LAW	SORNADEVI I	Research methodology and data analysis
868	SOL	LAW	Dr.A.BALAGURU	One Week Online National Faculty Development Programme organised by Angad Dev-Malaviya Mission Teacher Training Centre (GAD-MMTC), SGTB Khalsa College, University of Delhi
869	SOL	LAW	HARIBALAKUMAR K	TEN DAYS NATIONAL WORKSHOP ON HOW TO WRITE AND PUBLISH RESEARCH PAPER
870	SOL	LAW	HARIBALAKUMAR K	ONE WEEK FACULTY DEVELOPMENT PROGRAMME / CAPACITY BUILDING PROGRAMME ON JURISPRIDENCE AND LEGAL THEORY
871	SOL	LAW	Sowndariya S	FDP on Jurisprudence and Legal Theory
872	SOL	LAW	Sowndariya S	FDP on LEGAL RESEARCH with special reference to Citation, Referencing, and Scholarly Writing: Best Practices and Methodologies in Law
873	SOL	LAW	Jeevishaa S	Oneday Online National Workshop on Land Restoration and Desertification and Drought Resilience conducted by The Tamil Nadu Dr. Ambedkar Law University on Wednesday 5th June 2024
874	SOL	LAW	SWATHY P S	REFRESHER COURSE -MANIPUR UNIVERSITY
875	SOL	LAW	SWATHY P S	NEP -2020: Orientation and sensitization- Teacher training Program
876	SOL	LAW	SWATHY P S	Contemporary Legal issues and artificial intelligence - Seshadipuram law College
877	SOL	LAW	Gayathri U	ONE WEEK FACULTY DEVELOPMENT PROGRAMME/CAPACITY BUILDING PROGRAMME ON JURISPRUDENCE & LEGAL THEORY Jointly Organised by SNBP LAW COLLEGE, PIMPRI, PUNE, MAHARASHTRA (Department of IQAC) & LAW TEACHERS INDIA
878	SOL	LAW	SREE LAXMI A J	ONE WEEK FDP ON CONTEMPORARY TRENDS IN RESEARCH METHODOLOGY AND TEACHING PEDAGOGY:MULTIDISCIPLINARY APPROACH CONDUCTED BY RAJIV GANDHI NATIONAL UNIVERSITY OF LAW, PUNJAB FROM
879	SOL	LAW	SREE LAXMI A J	SEVEN DAY FDP: INTERNATIONAL HUMANITARIAN LAW CONDUCTED BY THE INDIAN SOCIETY OF INTERNATIONAL LAW FROM JULY 31 TO AUGUST 6 2025
880	SOL	LAW	SREE LAXMI A J	ONE WEEK FDP ON JURISPRUDENCE AND LEGAL THEORY CONDUCTED JOINTLY ORGANISED BY SNBP LAW COLLEGE, PIMPRI PUNE, MAHARASHTRA AND LAW TEACHERS INDIA FROM SEPTEMBER 8 TO SEPTEMBER 14 2025

Annotated Agenda for the 51ˢᵗ Academic Council

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

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

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

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

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

A summary of the audit schedule with expert details is given below:

Details of Academic Auditors (Academic External & Industry Expert(s))

Academic Audit

AY 2024-25

Department	Audit Date	Name of the Internal Expert(s) with details	Name of the Academic Expert(s) with Affiliation and Contact details	Name of the Industry Expert(s) with Organization and Contact details
Computer Science & Engineering	23.08.2025	Dr. Sivamurugan P Professor Mechanical Engineering Vel Tech	Dr. Bhagavathi Priya Professor, Amritha Vishwa Vidyapeetham, Chennai Campus 9940149633 s_baghavathipriya@ch.amrita.edu	Mr. Anil Kumar Associate Director Kyndryl 9491073633 anilhyd@gmail.com
		Dr. E D Kanmani Ruby Professor Electronics and Communication Engineering Vel Tech	Dr. S. Sridhar Professor, Anna University 9380242607 ssridhar@annauniv.edi.in	Dr. Shanmugakumar M Founder & CEO MATIC ONE 8883685621 shanmugakumar@matic.one
AI&ML, AI&DS & CSD	20.08.2025	Dr. M. Vinod Kumar Professor Civil Engineering Vel Tech	Dr. S.P. Raja Associate Professor Vellore Institute of Technology 9486181212 raja.sp@vit.ac.in	Mr. Raghavendran Founder & CEO Spatial Computing Technologies 9769012101 info@spatialcomputingtechnologies.com
CSE (AI&ML), CSE(CS) & CSE (DS)	30.08.2025	Dr. Th. Deepa Beeta Associate Professor Biomedical Engineering Vel Tech	Dr. Rama Parvathy L Associate Professor Vellore Institute of Technology, Chennai 9840184995 ramaparvathy.l@vit.ac.in	Mr. Karthiganesh Durai Founder & CEO KwantumG Research Labs Pvt Ltd 8123096141 karthiganesh@kwantumg.com

Department	Audit Date	Name of the Internal Expert(s) with details	Name of the Academic Expert(s) with Affiliation and Contact details	Name of the Industry Expert(s) with Organization and Contact details
Information Technology	23.08.2025	Dr. S. Jana Professor Electronics and Communication Engineering Vel Tech	Dr. C. Valliyammai Professor Anna University, Chennai 9444662126 cva@annauniv.edu	Mr. Narendh Subramani Senior App Developer Valoriz Digital Pvt. Ltd. 9840843518 narendh2naddy@gmail.com
Electronics & Communication Engineering	30.08.2025	Dr. N.R. Rajalakshmi Professor Computer Science & Engineering Vel Tech	Dr. V. Jeyalakshmi Professor Anna University, Chennai. 9965391099 jpjeya@annauniv.edu.in	Dr. Subramaniyan N K Managing Director Diksha Solutions, Ambattur 9940303333 dikshasolutions@gmail.com
		Dr. M. Sadish Professor Computer Science & Engineering Vel Tech Sendil	Dr. A. Shirly Edward Professor S.R.M. Institute of Science and Technology, Chennai 9500091541 edwards@srmist.edu.in	Mr. Ralph Stevenson Propertier Ralph Technologies, Chennai 9486806694 admin@ralphtechnologies.co.in
Electrical And Electronics Engineering	23.08.2025	Dr. Ganesan S Professor Aeronautical Engineering Vel Tech	Dr. RAVI K Professor Vellore Institute of Technology, Vellore 9486940357 k.ravi@vit.ac.in	Dr Kumaravel Managing Director Deutsche WindGuard India, Chennai 9677128496 r.kumaravel@windguard.com
Biotechnology	30.08.2025	Dr. J.M. Babu Professor Mechanical Engineering Vel Tech	Dr. Senthil Kumar Associate Professor SRM University Kattangulathur 9443086561 senthilp3@srmist.edu.in	Dr. Arivukkarasan Raja Director Astrazenca 8754476045 arivukkarasan@gmail.com

Department	Audit Date	Name of the Internal Expert(s) with details	Name of the Academic Expert(s) with Affiliation and Contact details	Name of the Industry Expert(s) with Organization and Contact details
Biomedical Engineering	29.08.2025	Dr. M. Kavitha Professor Computer Science & Engineering Vel Tech	Dr. Jeeva J B Professor VIT University, Vellore 9994321835 jbjeeva@vit.ac.in	Dr. Venkat Raman Technical Manager Bio Vision Medical Systems, Chennai 7338888671 venkat.biomed@gmail.com
Mechanical Engineering	29.08.2025	Dr. T. Kavitha Professor Electronics and Communication Engineering Vel Tech	Dr. K. Rajkumar Associate Professor Anna University, Chennai 8012782350 rajkumark@annauniv.edu	Mr. T. Ramesh Managing Director S R Engineering, Kattur 9884077542
Aeronautical Engineering	15.09.2025	Dr. Shiyamala S Professor Electronics and Communication Engineering Vel Tech	Dr. Vinayagamurthy G Associate Professor Vellore Institute of Technology 7358313104 vinayagamurthy.g@vit.ac.in	Mr. Senthilkumar Principle Member – CoE, TAFE 9894492627 senthilkumarm@tafe.com
Civil Engineering	13.09.2025	Dr. N. Malarvizhi Professor Computer Science and Engineering Vel Tech	Dr. Shanmuga sundaram M Associate Professor Vellore Institute of Technology 7708 424 048 shanmuga.sundaram@vit.ac.in	Mr.Manirajendran Sr. General Manager Cybercity Builders and Developers 9600004306 manirajendran@cybercity.in
M.B.A. & B.B.A.	23.08.2025	Dr. J.L. Mazher Iqbal Professor Electronics and Communication Engineering Vel Tech	Dr. G. Muruganantham Professor NIT, Trichy 9865175135 murugan@nitt.edu	Dr. C. Mahendran Chief Human Resource Officer Fuso Glass India Pvt. Ltd. 9884377130 mahendran.c@fuso.in

Department	Audit Date	Name of the Internal Expert(s) with details	Name of the Academic Expert(s) with Affiliation and Contact details	Name of the Industry Expert(s) with Organization and Contact details
Commerce	25.08.2025	Dr. M. Meikandan Professor Mechanical Engineering Vel Tech	Dr. Arul Moli Professor SRM Institute of Science & Technology, Ramapuram, Chennai. 9840938287 arulmolir@gmail.com	-
Mathematics	20.08.2025	Dr. N. Gomathi Professor Computer Science & Engineering Vel Tech	Dr. S. Lakshmanan Associate Professor VIT Chennai 8825493496 lakshmanan.s@vit.ac.in	-
Chemistry, English & Physics	30.08.2025	Dr. N.M. Masoodhu Banu Professor Biomedical Engineering Vel Tech	Dr. R. Mohan Kumar Associate Professor Presidency College – Chennai 9444600670 mohan66@hotmail.com	-

Status of Academic Bank of Credits / APAAR ID

Total Students Count	- **14024**
Total Number of Students with ABC	- **13137**
Total Number of Students without ABC	- **887**
Percentage of ABC accounts created	- **92.5%**

Records are updated up to April / May 2025 Examinations

Batch	Total Student Count	Number of students with ABC	Number of students without ABC
2020-21	293	247	46
2021-22	2746	2604	142
2022-23	3256	3066	190
2023-24	3778	3560	218
2024-25	3951	3660	291
Grand Total	**14024**	**13137**	**887**
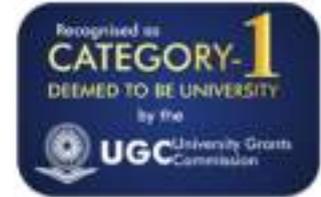
Office of the Dean Academics

Minutes of the Meeting

A meeting was conducted on 17th September 2025 at 9.30 am at VC Office to discuss the rubrics for evaluation and tests question papers pattern for CIA and SEE for all engineering students admitted from the academic year 2025-26 onwards under the new engineering regulations, VTR UGE 2025. The meeting was chaired by the Hon. Vice Chancellor.

The following members were present in the meeting:

1. Dr. Raju Shanmugam, Dean - Academics

2. Dr. S. Ramesh, Controller of Examinations

3. Dr. M. Rajeev Kumar, Dean - Quality Assurance

4. Dr. K. Jagajjanani Rao, Dean – Research Studies

5. Dr. P. Vijayaraman, Dean – Campus Corporate

6. Dr. S. P. Chokkalingam, Dean - School of Computing

7. Dr. R. S. Valarmathi, Dean – School Electrical and Communications

8. Dr. M.S. Murali Dhar, Dean – Freshman Engineering & SH

9. Dr. Jayavel, Head of the Department, Mechanical Engineering

10. Dr. Jaganraj, Head of the Department, Aeronautical Engineering

11. Dr. Geetha Rani, Head of the Department, Civil Engineering

12. Dr. M. Vijay Albert William, Head - FME

13. Dr. J. Viswanath, HoD - Mathematics

14. Dr. Hazarathaiah Yadav, HoD - Chemistry

15. Dr. P. Revathi, HoD - English

16. Dr. R. Hushein, DA-ARS

17. Ms. K. Akilandeshwari, HoD – Placement Training

18. Dr. Suguna, FME – SoC – Coordinator

19. Dr. Balaji L. – FME – SoEC – Coordinator

20. Dr. Venkatasudhakar – FME – SoMC – Coordinator

21. Dr. S. Mani Naidu, Professor, Physics

22. Dr. Siva Ramalingam, Asst. Professor, Academic Office

23. Dr. B. Murali, Associate Professor, Exam Cell Coordinator

Agenda

The meeting was convened to discuss the rubrics for evaluation and test pattern for the B.Tech. engineering students admitted from the academic year 2025-26 under the new regulations, VTR UGE 2025 and to finalize the Scheme of Assessment for various types of courses under different categories.

Discussions:

1. The meeting started with the welcome address by the Dean Academics followed by the discussion on proposed rubrics and assessment components.

2. Dean Academics explained the Types of courses, the proposed components of Continuous Internal Assessment (CIA) and patterns of the Semester-End Examination (SEE) in detail.

3. It was decided in the meeting that the weightage of Continuous Internal Assessment and Semester End Examination is 50% each for all the B.Tech. Engineering students admitted from the academic year 2025-26, under the new regulations VTR UEG 2025.

4. Members suggested that there shall be two Continuous Internal Assessments (CIA), Test – 1 and Test – 2, each carries 40 marks and conducted for 90 minutes duration. Average of these two test marks, out of 40, shall be taken for the internal assessment.

5. Semester End Examinations are conducted by O/o Controller of Examinations and Continuous Internal Assessments are conducted by the respective department under the control of the O/o Dean Academics.

6. The rubrics for evaluation and question papers pattern for different types of courses were discussed and decision taken as shown in the table below:

S. No.	Course Type	Test Type/ No. / Duration	Question Paper Pattern / Rubrics / Other details	Syllabus Coverage / Remarks
1	Theory Only Courses	(a). Internal / CIA – 1 / 90 Minutes / Total Marks–40	• **Part A:** 5 Questions × 1 Marks = 5 Marks • **Part B:** 5 Questions × 2 Marks = 10 Marks • **Part C:** 5 Questions × 5 Marks = 25 Marks (EITHER OR Pattern) • Two questions from each unit 1 & 2, and one question from half of 3rd unit.	• First two and half units • 2½ × 16 = 40 Marks
		(b). Internal / CIA – 2 / 90 Minutes / Total Marks–40	• **Part A:** 5 Questions × 1 Marks = 5 Marks • **Part B:** 5 Questions × 2 Marks = 10 Marks • **Part C:** 5 Questions × 5 Marks = 25 Marks (EITHER OR Pattern) • One question from remining half of 3rd unit and two questions each from unit 4 & 5.	• Last two and half units • 2½ × 16 = 40 Marks
		(c). Semester End Examinations (SEE) / 2 Hrs./Total: 50 Marks / Pass Marks: 45% of SEE alone and 50% of (CIA+SEE) put together	• **Part A:** 5 Questions × 1 marks = 5 marks (One question from each unit) • **Part B:** 5 Questions × 2 marks = 10 marks (One question from each unit) • **Part C:** 5 questions × 7 marks = 35 marks (EITHER OR pattern, one question from each unit)	All five units
2	Lab Only Courses	(a). Continuous Evaluation of Experiments - Internal	• Average of marks of all experiments, scaled out of 20	Total Internal marks: 50
		(b). Model Examination at the end of the Semester - Internal	• 30 Marks	
		(c). Semester End Lab Examinations / Total 50 Marks	• **SEE Lab Components:** (i). Performance in the Experiment – 25 Marks (ii). Result & Analysis – 15 Marks (iii). Record – 5 Marks and (iv). Viva-voce – 5 Marks	SEE Lab Exam to be conducted by the Department as per the CoE office Guidelines

S. No.	Course Type	Test Type/ No. / Duration	Question Paper Pattern / Rubrics / Other details	Syllabus Coverage / Remarks
		(a). Internal / CIA – 1 / 90 Minutes / Total Marks–40 / Weightage – 10 marks	• Part A: 5 Questions × 1 Marks = 5 Marks • Part B: 5 Questions × 2 Marks = 10 Marks • Part C: 5 Questions × 5 Marks = 25 Marks (EITHER OR Pattern) • Two questions from each unit 1 & 2, and one question from half of the 3rd unit.	• First Two and Half Units • 2½ x 16 = 40 Marks
3	Integrated Course Type: Theory (D) + Lab	(b). Internal / CIA – 2 / 90 Minutes / Total Marks–40 / Weightage – 10 marks	• Part A: 5 Questions × 1 Marks = 5 Marks • Part B: 5 Questions × 2 Marks = 10 Marks • Part C: 5 Questions × 5 Marks = 25 Marks (EITHER OR Pattern) • One question from remining half of 3rd unit and two questions each from unit 4 & 5.	• Last Two and Half Units • 2½ x 16 = 40 Marks
		(c). Lab Component – 20 Mark (Internal)	• Continuous Evaluation of Experiments - 10 • Model Lab Examination - 10	No SEE Lab Exam
		(d). Semester End Examinations (SEE) / 2 Hrs./Total: 50 Marks / Pass Marks: 45% of SEE alone and 50% of (CIA+SEE) put together	• Part A: 5 Questions × 1 marks = 5 marks (One question from each unit) • Part B: 5 Questions × 2 marks = 10 marks (One question from each unit) • Part C: 5 questions × 7 marks = 35 marks (EITHER OR pattern, one question from each unit)	All Five Units
4	Integrated Course Type: Theory + Lab (D)	(a). Theory Examination shall not be conducted.	• Assignments with weightage 5 Marks, covering all COs. • Assignments include Presentations, Seminar, Collaborative Activities, Quizzes, Concept Review, Simple Case Study, Essay Writing, Poster Creation, Creative Writing, Problem Solving Assignments, any other as decided in the course committee/faculty and approved by the HoD/Dean.	Total Internal marks: 50
		(b). Lab Component – 45 Marks	• Continuous Evaluation of Experiments – 20 • Model Lab Examination - 25	

S. No.	Course Type	Test Type/ No. / Duration	Question Paper Pattern / Rubrics / Other details	Syllabus Coverage / Remarks
		(e). Semester End Lab Examinations	• **SEE Lab Components:** (i). Performance in the Experiment – 25 Marks (ii). Result & Analysis – 15 Marks (iii). Record – 5 Marks and (iv). Viva-voce – 5 Marks • Total – 50 Marks	SEE Lab Exam to be conducted by the Department as per the CoE office Guidelines
5	Skill Enhancement Courses (SEC)	As per the BoS approval of the Course Type which will follow any one type as mentioned above Items 1 to 4	• Corresponding evaluation scheme and rubrics as stated above for the Items from 1 to 4	Complete evaluation shall be done by the respective department / divisions. Final marks shall be forwarded to DA Office for further processing and approval of the Vice Chancellor.
6	Ability Enhancement Courses (AEC)			
7	Value Added Courses (VAC)			
8	IPT / Industry or Internal Internship (If Any)		• As per the Regulations for Project evaluations	-
9	Project – Internal and External			

7. The department of English presented the course learning assessment to the members present. Members agreed to the different test question papers pattern aligned with the syllabus content and rubrics for evaluation rubrics for the English courses.

English Courses:

(i)   2510EN2001 - English for Global Careers I

(ii)   2515EN2001 - English for Global Careers II

Continuous Internal Assessments (CIA):

CIA – Test I – Total Marks – 60 (Weightage 20 marks) (Practical) (120 Minutes per Slot)

> Unit I- Listening (20 marks), Unit II – Speaking (20 marks) and
> Unit III – Reading (20 Marks)

> **Rubrics for Speaking Assessment – 20 Marks**

Grammar & Vocabulary (4 Marks)	Discourse Management (4 Marks)	Pronunciation (4 Marks)	Interactive Communication (4 Marks)	Content (4 Marks)	Total (20 Marks)

> **Listening – 20 Marks (20*1=20)**

[These One-mark questions include Fill in the blanks/Choose the correct answer/Match the following]

> **Reading – 20 Marks (4*5=20)**

Rubrics for Reading Assessment:

- Central Idea and Textual Evidence
- Inferences and Valid Conclusions
- Analysis and
- Application

CIA - Test II – Time Duration: 90 Minutes

Total Marks 40 (Weightage - 20 marks) (Fully Theory)

> **Part A:** 5 Questions × 4 Marks = **20 Marks**
> **Part B:** 5 Questions × 4 Marks = **20 Marks**
> Part A covers from Unit 4 (Writing skills – 20 marks)
> Part B covers from Unit 5 (Grammar & Vocabulary – 20 Marks)
>> **Note:** Part A and B will have "EITHER OR" type questions.
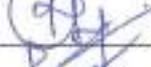> Assignment: 5 marks
> Attendance: 5 marks
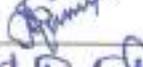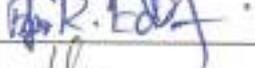
Semester End Exam (SEE) (Total 50 Marks):

➤ **Part A:** 5 Questions × 1 = **5 marks**

➤ **Part B:** 5 Questions × 2 = **10 marks**

➤ **Part C:** 5 Questions × 7 = **35 marks** (Part C will have "either/or" type question.)

8. It was agreed by the members that the lab course "2510GE3001 - Product Development Laboratory" may be evaluated as a Project Based Learning (PBL) course and hence the following different evaluation scheme shall be followed:

S.No.	Course Type	Test type/No./ Duration	Question Paper Pattern/Rubrics/ Other details	Syllabus Coverage/ Remarks
1		(a). Internal / Review 1 – 100 minutes / Total marks-15	Clarity in the project objectives-3 marks, Adherence to the Theme- 3 marks, Extent of Implementation-3 marks, Presentation-3 marks, Viva voce-3 marks	Project Theme and Title need to be finalized, 3 models need to be completed, Fabrication need to be initiated
2	Product Development Laboratory – Evaluation is based on PBL Methodology	(b). Internal / Review 2 – 100 minutes / Total marks-15	Clarity in the project objectives-3 marks, Adherence to the Theme- 3 marks, Extent of Implementation-3 marks, Presentation-3 marks, Viva voce-3 marks	Fabrication needs to be completed
3		(c). Internal / Review 3 – 100 minutes / Total marks-15	Project Report-10 marks, Viva voce-5 marks	Project Report need to be completed
4		(d). Semester End Examination / Review 4 – 120 minutes / Total marks- 50	Project Demo and Report- 40 marks, Viva voce- 10 marks	Project demonstration and Report submission

9. The Vice-Chancellor suggested to organize a workshop on Question paper setting.

10. The Vice-Chancellor recommended to look in to the lab facilities available for the Department of English along with Dean – FME and Dean - Campus Corporate for the development of English communication of the students.

Attendance

Name	Signature
Dr. Raju Shanmugam, Dean - Academics	
Dr. S. Ramesh, Controller of Examinations	
Dr. M. Rajeev Kumar, Dean - Quality Assurance	
Dr. K. Jagajjanani Rao, Dean – Research Studies	
Dr. P. Vijayaraman, Dean – Campus Corporate	
Dr. S. P. Chokkalingam, Dean - School of Computing	
Dr. R. S. Valarmathi, Dean – School Electrical and Communications	
Dr. M.S. Murali Dhar, Dean – Freshman Engineering & SH	
Dr. Jayavel, Head of the Department, Mechanical Engineering	
Dr. Jaganraj, Head of the Department, Aeronautical Engineering	
Dr. Geetha Rani, Head of the Department, Civil Engineering	
Dr. M. Vijay Albert William, Head - FME	
Dr. J. Viswanath, HoD - Mathematics	
Dr. Hazarathaiah Yadav, HoD - Chemistry	
Dr. P. Revathi, HoD - English	
Dr. Senthilkumar, HoD – Physics	
Ms. K. Akilandeshwari, HoD – Placement Training	
Dr. S. Mani Naidu, Professor, Physics	
Dr. R. Hushein, Associate Professor, Academic Office (Regulations)	
Dr. Siva Ramalingam, Asst. Professor, Academic Office (	
Dr. B. Murali, Associate Professor, Exam Cell Coordinator	
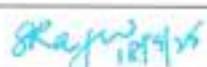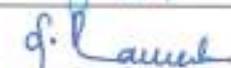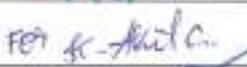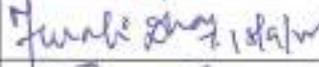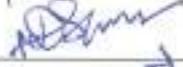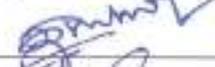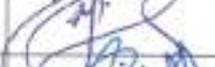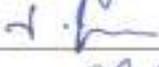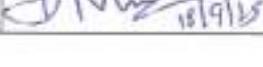
Name	Signature
Dr. L. Balaji, FME – SoEC - Coordinator	
Dr. Suguna, FME – SoC – Coordinator	
Dr. Venkatasudhakar, FME – SoMC - Coordinator	
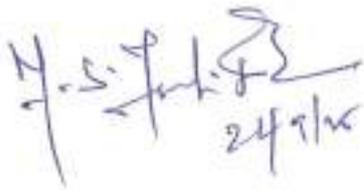
Prof. (Dr). Raju Shanmugam
Dean - Academics

Prof. Rajat Gupta
Vice Chancellor

51.19: ANY OTHER ITEMS WITH THE PERMISSION OF CHAIRPERSON

DISCUSSION ON RANKING PROCEDURE FOR THE AWARD OF GOLD MEDAL

With the permission of the Chair, the following points are submitted for discussion regarding the **Ranking Procedure** for awarding the **Gold Medal** in various Programmes offered by the University:

1. Existing Criteria for Ranking

• Ranking shall be done **branch-wise**, based on the **CGPA** of students who have:

– Passed **all subjects in all semesters in the first attempt**

– Secured **First Class or First Class with Distinction**

– Completed the programme within the **minimum prescribed duration**

• The **First Rank student** in each branch of the Programme shall be awarded the **Gold Medal**.

2. Issue Requiring Deliberation

There is a need to **finalize the procedure for determining the First Rank** in the event of a **tie in CGPA**.

Based on interactions held with all Deans on 13.11.2025, the following opinions are placed for consideration to Resolve CGPA Tie

- **Award Gold Medal to All Tied Students**
  All students who are tied for First Rank shall receive individual Gold Medals.

- **Priority Based on CGPA of Programme Core Courses**
  Ranking may be determined by considering CGPA computed only from core courses.

- **Achievements in Co-curricular / Extra-curricular Activities**

  Preference may be given to students who have won prizes in:

  • National-level technical events (e.g., Smart India Hackathon)
  • State / National / International level extra-curricular competitions

- **Priority for Semester-wise Toppers**
  Students who have secured the highest marks/grades in more semesters may be given preference.

- **Additional Credit Courses Completed under Honours / Minor Programme**
  Preference may be given to students who have successfully completed Honours/Minor degree credits.

- **Number of Highest Grades ('S' Grade) Earned**
  Students who have obtained a higher number of 'S' grades across all semesters may be prioritized.

- **Consider CGPA up to Four Decimal Places**
  Extending the precision of CGPA comparison (e.g., 9.6501 vs 9.6500).

- **Use of RAW Marks Instead of Grades**
  Ranking may be finalized based on total raw marks earned in all courses, wherever feasible.

4. Request for Expert Opinion

With the permission of the Chair, the **valuable insights and recommendations** of our Honourable Expert Members are kindly requested to finalize the most appropriate tie-breaking methodology.