ACADEMIC COUNCIL
ATTENDANCE SHEET FOR 47th MEETING OF
THE ACADEMIC COUNCIL ON 23.11.2024 AT 10.30 am
VENUE: SENATE HALL

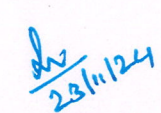| S.No	Name	Position	Signature
1	Prof. Dr. Rajat Gupta Vice Chancellor, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Chairperson	
2	Prof. R.Venkata Rao Vice Chancellor, International University of Legal Education and Research (IIULER) Goa	External Member	
3	Mr. K. Balaji Vice President – People and Culture Delphi – TVS Technologies Chennai	External Member	
4	Dr. OR. Nandagopan Director, DRDO Industry Academia, Ramanujan Centre of Excellence, IIT, Madras	External Member	
5	Mr. Raghuraman Krishnamurthy Chief Enterprise Architect P&R Practise, Cognizant Chennai.	External Member	Attended through online
6	Dr. K. Sankaranarayanasamy Professor (HAG), National Institute of Technology (NIT), Tiruchirappalli.	External Member	Absent

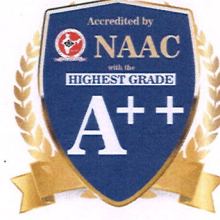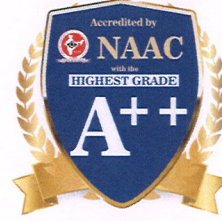| S.No	Name	Position	Signature
7	Prof. Dr. Krishnan BASKAR. D.Sc. (KTH-Sweden), FRSC (London). Director, Indian Institute of Information Technology - Senapati, Manipur Imphal – 795002, India. Mobile: +919444125126, E-mail: director@iiitmanipur.ac.in, drbaskar2009@gmail.com	External Member	Absent
8.	Dr. S. Raju Professor & Dean - Academics Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
9	Dr. M. Rajeev Kumar, Professor & Dean - Quality Assurance Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology.	Ex-officio	
10	Dr. R.S.Valarmathi Professor & Dean - SoEC Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
11	Dr. P. Chandrakumar Professor & Dean – R&D and Industry Relations Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
12	Dr. G. Guna Sekaran Professor & Dean - FME Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
13	Dr. P. Suresh Professor & Dean - International Relations & HRDC Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	

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

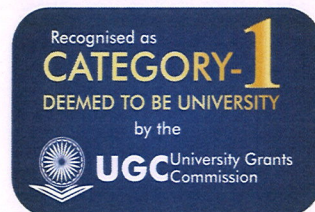| S.No	Name	Position	Signature
14	Dr.P.Vijayaraman Assistant Professor & Dean (Campus to Corporate) Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
15	Prof. Dr. B. Venugopal Professor & Dean - SoL Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
16	Dr. S. P. Chokkalingam Professor & Dean – SoC Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science andTechnology.	Ex-officio	
17	Dr. M.S.R. Mariyappan, Professor & Dean - SoM Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	
18	Dr. A. Jayabal Professor & Dean - School of Commerce Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	
19	Dr. E. Suresh Paul Professor & Dean – Media Technology & Communication Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
20	Dr. K. Jagajjanani Rao Professor & Dean (Academic Research) Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology.	Ex-officio	

S.No	Name	Position	Signature
21	Dr. R. Sivaraman Professor & Controller of Examinations, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Permanent Invitee	
22	Dr. R. Jaganraj Associate Professor & HoD – Dept. of Aeronautical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
23	Dr. A. Geetha Selvarani, Professor & HoD – Dept. of Civil Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
24	Dr. S. Ramesh Professor & HoD – Dept. of Electrical & Electronics Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
25	Dr. A. Selwin Mich Priyadharson, Professor & HoD – Dept. of Electronics & Communication Engineering, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai-62.	Ex-officio	
26	Dr. J Visumathi Professor & HoD – (Information Technology) Dept. of Computer science and Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
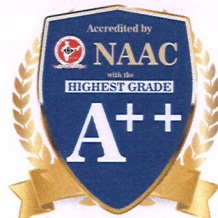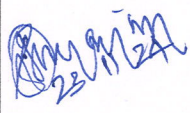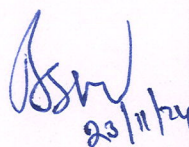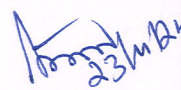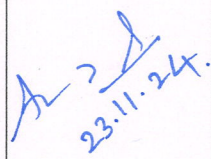
S.No	Name	Position	Signature
27	Dr. S. Jayavelu Professor & HoD – Dept. of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology,	Ex-officio	
28	Dr. K. Ravishankar Professor & HoD – Dept. of Management Studies Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
29	Ms. J. Sri Devi Associate Professor & HoD – Dept. of Commerce and Business Administration Vel Tech Rangarajan Dr. SagunthalaR & D Institute of Science and Technology.	Ex-officio	
30	Dr. J. Viswanath Professor & HoD – Dept. of Mathematics, Vel Tech RangarajanDr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
31	Dr. D. Senthil Kumar Associate Professor & HoD – Dept. of Physics, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
32	Dr. CH. Hazarathaiah Yadav Professor & HoD – Dept. of Chemistry, Vel Tech Rangarajan Dr. Sagunthala R &D Institute of Science and Technology.	Ex-officio	

S.No	Name	Position	Signature
33	Dr. P. Revathi Associate Professor & HoD - Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	
34	Dr. D. Balasubramaniam Associate Professor & HoD – Dept. of Biomedical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
35	Dr. P. Azhagu Saravana Babu Professor & HoD – Dept. of Biotechnology, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
36	Dr. B. Someswara Rao Professor & HoD – School of Law, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
37	Dr. A. Arumugam Professor & HoD - Dept. of Commerce Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	
38	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	
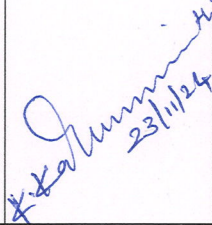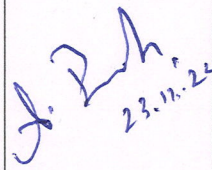
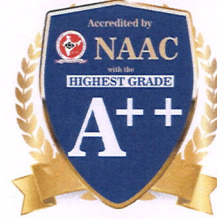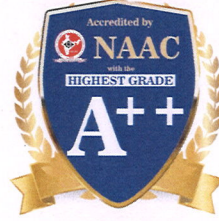| S.No	Name	Position	Signature
39	Dr. V. Dhilipkumar Professor & Associate Dean – SoC Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	
40	Dr.N Vijayaraj Professor & HoD Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Ex-officio	
41	Dr. R. Parthasarathy Associate Professor & HoD – Dept. of Computer Science and Design Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	
42	Dr. Muralidhar M S Associate Professor & Assistant HoD – Dept. of Computer Science & Engineering Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	
43	Dr. T. Rajendran, Associate Professor & HoD – Department of CSE (Cyber Security) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	
44	Dr.M Gokuldhev, Associate Professor & HoD – Department of CSE(Data Science) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	

S.No	Name	Position	Signature
45	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	23/11/24
46	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	23/11/24
47	Dr. Kavitha T. Professor Department of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor Nominee	23/11/24
48	Dr. Jana S. Professor Department of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor Nominee	
49	Dr. Karunanithi K. Professor Department of Electrical and Electronics Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor Nominee	23/11/24
50	Dr. Prakash A. Professor Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor Nominee	23.11.24

S.No	Name	Position	Signature
51	Dr. Kanni Raj A. Professor Department of Chemistry Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor Nominee	
52	Dr. R. Srinivasan Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor Nominee	
53	Dr. A. Bhagyalakshmi Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor Nominee	
54	Dr. S. Sridevi Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor Nominee	
55	Dr. Boopathy. G Professor Department of Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Professor nominee	
56	Dr. T. Kamaleshwar Associate Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Associate Professor nominee	

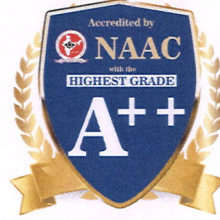| S.No	Name	Position	Signature
57	Dr. J. Naresh Kumar Associate Professor Department of Mathematics Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Associate Professor nominee	
58	Dr.C.Vijai Associate Professor Department of Commerce and Business Administration, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Associate Professor nominee	
59	Dr. Ajitha E. Associate Professor School of Law Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Associate Professor nominee	
60	Dr.D Sundara Narayana Associate Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Associate Professor nominee	
61	Dr. Sai Nandhini R. Assistant Professor Department of Biotechnology Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Assistant Professor nominee	
62	Dr. E. Madheswari E. Assistant Professor Department of Biomedical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Assistant Professor nominee	

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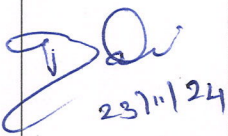(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

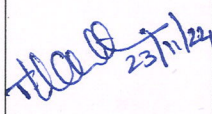Accredited by NAAC with the HIGHEST GRADE A++

Recognised as CATEGORY-1 DEEMED TO BE UNIVERSITY by the UGC University Grants Commission
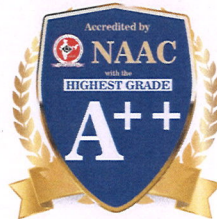
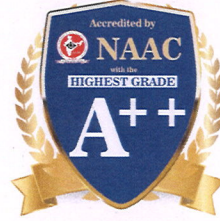| S.No	Name	Position	Signature
63	Dr. S. Lalitha Associate Professor & HoD Department of CSE (AIML) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	23/11/24
64	Dr.T.Kujani Assistant Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Internal Member Assistant Professor nominee	23/11/2024
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	23/11/24
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	24/11/202
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	23/11/2024

VICE CHANCELLOR

Prof. Rajat Gupta
Vice Chancellor

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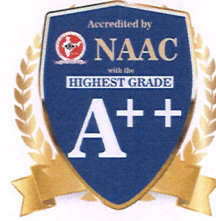(Deemed to be University Estd. u/s 3 of UGC Act, 1956)
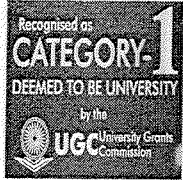
Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)
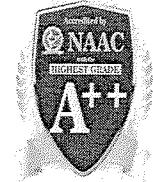
47th MEETING
OF
THE ACADEMIC COUNCIL
Saturday, November 23, 2024

MINUTES

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List of Tables

MINUTES OF THE
47th MEETING OF THE ACADEMIC COUNCIL

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

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

A. Opening

47.1   To record leave of absence of the members.

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

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

* **Prof. Dr. Krishnan BASKAR. D.Sc.**
Director,
Indian Institute of Information Technology -Senapati, Manipur

The Chair has noted their leave of absence.

The list of members attended the 47th meeting of the Academic Council can be accessed *here*

Appendix Attendance

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

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

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

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

The draft minutes of the 46th meeting of the Academic Council can be accessed *here*

Appendix A

Prof. Rajat Gupta
Vice Chancellor

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R&D Institute of Science and Technology

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

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

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

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

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

- **Dr. Nandagopan** provided the list of topics/ Area of expertise from CVRDE for "Adoption of content into our curriculum and syllabus as Core and Elective Courses".

- **Dr. Nandagopan** suggested to utilize scientists from CVRDE may be offer these courses along with internal faculties.

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

B. Items for Discussion & Approval

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

- Engineering - Aeronautical Engineering

- Law - Under Graduate(UG) Programmes

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

Prof. Raja Gupta
Vice Chancellor

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

- Management - Post Graduate(PG) Programme

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

A. **Department of Aeronautical Engineering**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 28th Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Aeronautical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

The Minutes of the BoS meeting can be accessed here

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

Appendix AERO

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

Dr. R. Jegan Raj, Associate Professor & Head - Department of Aeronautical Engineering & BoS - Chairman, moved the recommendations of the 28th Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Aeronautical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2024-25, be approved.

- **Law - Under Graduate Programmes**

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

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 12th Board of Studies for **B.A., LL.B.** and **B.Com., LL.B.** to be implemented with effect from the Winter Semester of the Academic Year 2024-25.

The Minutes of the BoS meeting can be accessed here

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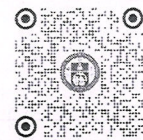
Appendix LAW

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

- **Prof. R.Venkata Rao, External Member** has suggested to increase the Research activity.

Prof. Rajat Gupta
Vice Chancellor

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

Dr. B. Venugopal , Professor & Dean, School of Law, moved that "the recommendations of the 12th Board of Studies for **B.A., LL.B.** and **B.Com., LL.B.** to be implemented with effect from the Winter Semester of the Academic Year 2024-25", be approved.

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

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

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

The Minutes of the BoS meeting can be accessed here

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

Appendix Multimedia

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

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

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

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

The Minutes of the BoS meeting can be accessed here

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

Appendix Viscom

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

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

Prof. Rajat Gup...
Vice Chancellor

Vel Tech
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R&D Institute of Science and Technology

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

c) Bachelor of Commerce (B.Com.)

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

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

The Minutes of the BoS meeting can be accessed here
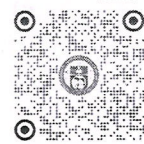
Appendix BCom

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

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

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

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

The Minutes of the BoS meeting can be accessed here

Appendix BBA

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

• Arts and Science - Post Graduate Programmes

a) M.A. - English

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

Prof. Rajat Gupta
Vice Chancellor

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

The Minutes of the BoS meeting can be accessed here

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

Appendix ENG

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

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

b) M.Sc. - Mathematics

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

The Minutes of the BoS meeting can be accessed here

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

Appendix MATHS

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

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

c) M.Sc. - Physics

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

The Minutes of the BoS meeting can be accessed here

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

Appendix PHY

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

Prof. Rajat Gupta
Vice Chancellor

Minutes of the 47th meeting of the Academic Council, November 23, 2024.

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

d) M.Sc. - Chemistry

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

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

The Minutes of the BoS meeting can be accessed here

Appendix CHEM

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

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

e. M.Sc. - Data Analytics

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

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

The Minutes of the BoS meeting can be accessed here

Appendix M.SC(DA)

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

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

- **Management - Post Graduate Programmes**

Prof. Rajat Gupta
Vice Chancellor

7

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

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

The Minutes of the BoS meeting can be accessed here

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

Appendix MBA

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

Dr. K. Ravishankar, Professor & Head, Department of Management, moved that "the recommendations of the Board of Studies for **Master of Business Administration (M.B.A.)** to be implemented with effect from the Winter Semester of the Academic Year 2024-25", be approved.

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

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

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

The Summary of the Minutes can be accessed here.

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

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

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

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

The Amendments can be accessed here

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

Appendix Amendments

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

Prof. Ajit Gupta
Vice Chancellor

Minutes of the 47th meeting of the Academic Council, November 23, 2024.

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C. Items for Ratification

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

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

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

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

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

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

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

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

D. Items for Reporting

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

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

Ph.D. Winter Semester of the Academic Year completed candidates list can be accessed here

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

Appendix Ph.D. Winter Semester of the Academic Year

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

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

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

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

The Summary can be accessed here.

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

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

a) NEP 2020 - Office of the Dean Academics.

b) School of Electrical and Communication.

c) School of Media Technology and Communication.

d) Office of the R & D.

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

Prof. Rajat Gupta
Vice Chancellor

a) **NEP 2020 - Office of the Dean Academics**.

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

The concept note on the adoption of NEP 2020 from the AY 2025-26 can be accessed here

- **Dr Rajeev Kumar, Dean - IQAC** suggested to do comparative analysis for Non- Engineering programme with State universities and deemed universities in Tamil Nadu for fixing the 4 years programme.

- **Dr Rajeev Kumar, Dean - IQAC** suggested to do give more clarification about Minor degree (164 credits) is mentioned within the credit structure or addition to that credit structure.

- **Dr R Jegan Raj, Head - Aeronautical Engineering** shared his comments from the BoS, External members recommended that specific names be assigned to Multiple Entry & Multiple Exit (MEME) programs to enhance job opportunities for students from outside.

- **Mr. K. Balaji, External Member** suggested to collaborate with Industries for Lab courses in the upcoming Regulations.

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

b) **School of Electrical and Communication**.

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

The Presentation of the progress can be accessed here.

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

c) **School of Media Technology and Communication**.

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

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

Prof. Rajat Gupta
Vice Chancellor

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- **Dr. Nandagopan** suggested to do short documentary film based on the Societal Importance as internship.

- **Dr. Nandagopan** suggested to including the students' achievements in the school's progression presentation.

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

d) Office of R&D.

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

Progression of Office of R&D can be accessed here

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

E. Closing

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

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

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

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

47.14 **Vote of Thanks.**

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

47.15 **Adjournment**

The meeting was adjourned at 12.50 PM.

★★★

Prof. Rajat Gupta
Vice Chancellor

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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)

46th MEETING

OF

THE ACADEMIC COUNCIL

Saturday, August 24, 2024

MINUTES

Contents

List of Tables

Minutes of the
46th Meeting of the Academic Council

Saturday, August 24, 2024, at 10.30 a.m.

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

A. Opening

46.1 **To pass and record the condolences to the Respected Foundress President Dr.Sagunthala Rangarajan over her sudden demise on 26.06.2024.**

The Chairperson spoke on the profound contributions of the Foundress President, particularly her significant impact on society and her dedication to women's empowerment. In honour of her memory, the Chairperson read the condolence message:

"It is with deep sorrow that we acknowledge the sudden demise of the esteemed Foundress President Dr. Sagunthala Rangarajan. Her Visionary leadership and unwavering commitment to societal betterment and women's empowerment have left an indelible mark on our institution and the community at large. Her compassion, dedication, and service legacy will continue to inspire us all. We extend our heartfelt condolences to her family and loved ones during this difficult time".

After observing a minute's silence as a mark of respect to the noble soul, The BoM passed a resolution as follows:

The Item was moved to place the sad demise of Dr. Sagunthala Rangarajan on record and the condolence note with the heartfelt condolences of the BoM /Executive Council to the bereaved family.

46.2 **Call to Order and Approval of Agenda of the 46th meeting of the Academic Council.**

The Vice Chancellor called to order and placed the agenda of the 46th meeting of the Academic Council for confirmation which was circulated to members by e-mail.

46.3 **Confirmation of the minutes of 45th meeting of the Academic Council held on Saturday, June 08, 2024.**

The minutes of the 45th meeting of the Academic Council held on June 08, 2024 were circulated to the members.

The draft minutes of the 45th meeting of the Academic Council can be accessed *here*

Appendix A

The Minutes of the 45th meeting of the Academic Council held on June 08, 2024 has been confirmed.

46.4 **To review the Action Taken Report on the minutes of the 45th meeting of the Academic Council held on Saturday, June 08, 2024.**

The Vice Chancellor, placed before the Academic Council to consider the Action Taken Report in respect of the 45th meeting of the Academic Council as described in Table 1.

Table 1: Action Taken Report in respect of 45th meeting of the Academic Council held on June 08, 2024.

S.No	Agenda Item	Decision Taken	Action Taken Report as decided in the ACM.
1	Item No 45.5 – Page 03 To consider and approve the minutes of the Board of Studies of Law - Under Graduate Programmes	Seperate Newsletter for School of Law stating the achievements of Faculty members and Students.	First Issue of Newsletter has been released.
2	Item No 45.5 – Page 03 To consider and approve the minutes of the Board of Studies of Law - Under Graduate Programmes	Conducting Legal Awareness Camp for the rural peoples in and around the University.	2 Awareness camp has been conducted.
3	Item No 45.5 – Page 03 To consider and approve the minutes of the Board of Studies of Law - Under Graduate Programmes	Exploring more funding options from the Govt. Agencies.	In Progress.
4	Item No 45.6 – Page 09 To consider and approve the proposed implementation of evaluation pattern for the courses offered by the experts from Industries /International faculty members for the courses under 7.2.2 Programme Core, 7.2.3 Programme Elective in line with the evaluation of courses coming under Institute/Higher Learning Interactions in Regulations VTR UGE-2021 (Ref. Section 8.3.8)	suggested to include the 1. continuous assessment as part of the evaluation of the courses AND 2. Assignment as compulsory in the continuous Assessment.	1. Already implemented in the current Academic Regulations VTR UGE 2021. AND 2. To be implemented in the New Regulations from the next Academic Year 2025-26.

The Council has taken note on the Action Taken report of the 45th meeting of the Academic Council held on June 08, 2024.

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

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

* **Dr.C.Viswanathan**
  Professor & HoD (Computer Maintenance Cell)

* **Dr. Prakash A.**
  Professor & Department of English

* **Dr.M.Kavitha**
  Professor & Department of Computer Science and Engineering

* **Dr. J. Naresh Kumar** Associate Professor & Department of Mathematics

* **Dr. Sai Nandhini R.** Assistant Professor & Department of Biotechnology

The Chair has noted their leave of absence.

The list of members attended the 44th meeting of the Academic Council can be accessed *here*
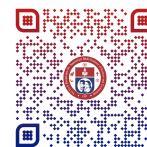
Appendix Attendance

The Letter for grant of absence can be accessed *here*
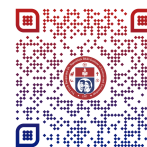
Appendix Grant of absence

B. Items for Discussion

46.6 **To discuss and approve the minutes of the Board of Studies of Engineering and Technology - Under Graduate & Post Graduate Programmes (all engineering schools).**

1. **School of Mechanical and Construction**

   A. **Department of Aeronautical Engineering**

   The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 27th Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Aeronautical Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

Appendix AERO

Dr. R. Jegan Raj, Associate Professor, Head - Department of Aeronautical Engineering & BoS - Chairman, presented the recommendations of the 27th meeting of the Board of Studies held on April 04, 2024.

The Summary and presentation of the BoS Minutes can be accessed here.
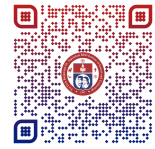
- **Dr. Nandagopan** suggested to utilize the opportunity to use INS Rajali for the course assessment of Weapon Technology.

Dr. R. Jegan Raj, Associate Professor & Head - Department of Aeronautical Engineering & BoS - Chairman, moved the recommendations of the 27th Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Aeronautical Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

Dr. S. Ramesh, Professor & Head - Department of Electrical and Electronics Engineering, seconded it.

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

B. **Department of Civil Engineering**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Civil Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

Appendix Civil

Dr. A. Geetha Selvarani, Professor, Head - Department of Civil Engineering & BoS - Chairman, presented the recommendations of the Board of Studies meeting held on June 22, 2024.

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

Dr. A. Geetha Selvarani, Professor, Head - Department of Civil Engineering & BoS - Chairman, moved the recommendations of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Civil Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

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

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

C. **Department of Mechanical Engineering**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 39th Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Mechanical Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

The Minutes of the BoS meeting can be accessed here

Dr. S. Jeyavelu, Associate Professor, Head - Department of Mechanical Engineering & BoS - Chairman, presented the recommendations of the 39th meeting of the Board of Studies held on June 22, 2024.
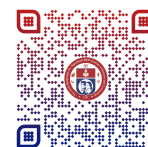
Appendix MECH

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

- **Dr. Nandagopan** suggested to utilize the faculty from CVRDE for offering elective courses.

Dr. S. Jayavelu, Associate Professor & Head, Department of Mechanical Engineering, moved the recommendations of the 39th Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under the Department of Mechanical Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

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

The motion was carried.

2. **School of Electrical and Communication**

   A. **Department of Bio Medical Engineering**

   The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 12th Board of Studies of Department of Bio Medical Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

   The Minutes of the BoS meeting can be accessed here

   Dr. D. Balasubramaniam, Associate Professor, Head - Department of Bio Medical Engineering & BoS - Chairman, presented the recommendations of the 12th meeting of the Board of Studies conducted on June 29, 2024.

   Appendix BIOMED

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

   Dr. D. Balasubramaniam, Associate Professor, Head - Department of Bio Medical Engineering & BoS - Chairman, moved the recommendations of the 12th Board of Studies of Department of Bio Medical Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

Dr.S.Ramesh, Professor & Head,Department of Electrical and Electronics Engineering, seconded it.

The motion was <u>carried</u>

B. Department of Biotechnology

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 12th Board of Studies of Department of Biotechnology to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

B *The Minutes of the BoS meeting can be accessed <u>here</u>*

Appendix Biotech

Dr. P. Azhagu Saravana Babu, Professor, Head - Department of Biotechnology & BoS - Chairman, presented the recommendations of the 12th meeting of the Board of Studies held on June 26, 2024.
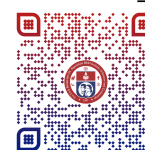
The Summary and presentation of the BoS Minutes can be accessed <u>here</u>.

Dr. P. Azhagu Saravana Babu , Professor, Head - Department of Biotechnology & BoS - Chairman, moved the recommendations of the 12th meeting of the Board of Studies of Department of Biotechnology to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

Dr. A. Selwin Mich Priyadharson, Professor & Head,Department of Electronics & Communication Engineering, seconded it.

The motion was <u>carried</u>

C. Department of Electrical and Electronics Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 32th Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Electrical and Electronics Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

The Minutes of the BoS meeting can be accessed <u>here</u>

Appendix EEE

Dr. S. Ramesh, Professor, Head - Department of Electrical and Electronics Engineering & BoS - Chairman, presented the recommendations of the 32nd meeting of the Board of Studies held on June 29, 2024.

The Summary and presentation of the BoS Minutes can be accessed <u>here</u>.
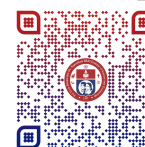
- **Dr. Nandagopan** suggested to offer the courses regarding E-Waste Management.

Dr. S. Ramesh, Professor, Head - Department of Electrical and Electronics Engineering & BoS - Chairman, moved the recommendations of the 32st Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of

Electrical and Electronics Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

Dr. P. Azhagu Saravana Babu, Professor & Head, Department of Bio Technology, seconded it.

The motion was <u>carried</u>

D. **Department of Electronics and Communication Engineering**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Electronics and Communication Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

The Minutes of the BoS meeting can be accessed <u>here</u>

Dr. A. Selwin Mich Priyadharson, Professor, Head - Department of Electronics and Communication Engineering & BoS - Chairman, presented the recommendations of the Board of Studies meeting held on June 29, 2024.

Appendix ECE

The Summary and presentation of the BoS Minutes can be accessed <u>here</u>.

- **Dr. Rajeev Kumar** suggested to use the industry persons as alumni representative not from the Academic Institutions.

Dr. A. Selwin Mich Priyadharson, Professor, Head - Department of Electronics and Communication Engineering & BoS - Chairman, moved the recommendations of the Board of Studies of Under Graduate (UG) and Post Graduate (PG) Programmes under Department of Electronics and Communication Engineering to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

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

The motion was <u>carried</u>

3. **School of Computing**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of All Under Graduate (UG) and Post Graduate (PG) Programmes under School of Computing to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

Prof. Dr. S. P. Chokkalingam, Professor, Dean - School of Computing & BoS - Chairman, presented the recommendations of the Board of Studies of All Under Graduate (UG) and Post Graduate (PG) Programmes under School of Computing.

The Minutes of the BoS meeting can be accessed here

Appendix SoC

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

Prof. Dr. S. P. Chokkalingam, Professor, Dean - School of Computing & BoS - Chairman, moved the recommendations of the Board of Studies of All Under Graduate (UG) and Post Graduate (PG) Programmes under School of Computing to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

Dr. Dhilip Kumar, Professor & Associate Dean, Department of Computer Science and Engineering, seconded it.

The motion was <u>carried</u>

46.7 To discuss about the Implementations of National Education Policy (NEP) 2020 from the AY 2025-26 for all Under Graduate (UG) and Post Graduate (PG) Programmes.

The Vice Chancellor, placed before the Academic Council to discuss about the Implementations of National Education Policy (NEP) 2020 from the AY 2025-26 for all Under Graduate (UG) and Post Graduate (PG) Programmes.

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the concept note on the NEP 2020 adoption from the Academic Year 2025-26.

The NEP 2020 Presentation can be accessed here

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the concept note on the NEP 2020 adoption from the Academic Year 2025-26.

Appendix NEP 2020

All members have accepted the proposal.

Prof. (Dr.) S. Raju, Professor & Dean Academics, moved that "to discuss about the Implementations of National Education Policy (NEP) 2020 from the AY 2025-26 for all Under Graduate (UG) and Post Graduate (PG) Programmes", be approved.

Dr. M.S.R. Mariyappan , Professor & Dean - School of Management, seconded it.

The motion was <u>carried</u>

C. Items for Consideration

46.8 **To consider and approve the proposal for the conduct of 14th Convocation to be held in the month of September 2024.**

The Vice Chancellor, placed before the Academic Council to consider the proposal for the conduct of 14th Convocation to be held in the month of September 2024.

Dr. E. Kannan, Professor & Registrar, presented the proposal for the conduct of 14th Convocation to be held in the month of September 2024.

Dr. E. Kannan, Professor & Registrar, moved the proposal for the conduct of 14th Convocation to be held in the month of September 2024.

Dr. P. Suresh, Professor & Dean International Relations, seconded it.

The motion was carried.

D. Items for Ratification

46.9 **To ratify the admissions of candidates to Doctoral (Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Summer Semester of the Academic Year 2024-25.**

The Vice Chancellor, placed before the Academic Council to ratify the admissions of Doctoral (Ph.D.) level Programmes in Engineering and Technology / Science /Law / Management/ Humanities / Arts during the Summer Semester of the Academic Year 2024-25.

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, presented the admissions of Doctoral (Ph.D.) level Programmes in Engineering and Technology / Science /Law / Management/ Humanities / Arts for Summer Semester of the Academic Year 2024-25.

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

S.No.	Department	Applied	Attended for Exam	Selected in Interview	Provisionally Admitted		
					Full Time	Part Time	Total
Engineering							
1	AERO	8	8	7	2	1	3
2	BIOMEDICAL	3	2	2	1	1	2
3	BIOTECH	10	5	6	3	0	3
4	CIVIL	11	11	5	2	3	5
5	CSE	36	31	24	2	17	19
6	IT	3	2	2	1	0	1
7	ECE	18	16	11	3	3	6

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

S.No.	Department	Applied	Attended for Exam	Selected in Interview	Provisionally Admitted		
					Full Time	Part Time	Total
8	EEE	5	5	1	0	0	0
9	MECH	11	9	7	2	2	4
	TOTAL (A)	105	89	65	16	27	43
S&H							
10	CHEMISTRY	9	7	7	2	2	4
11	CSE	5	3	3	2	0	2
12	ENGLISH	16	7	11	5	1	6
13	MATHS	28	8	19	7	10	17
14	PHYSICS	16	14	15	8	4	12
	TOTAL (B)	74	39	55	24	17	41
MBA							
15	MBA	9	7	3	0	3	3
	TOTAL (C)	9	7	3	0	3	3
	OVER ALL TOTAL (A+B+C)	188	135	123	40	47	87

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, informed about starting a admission for School of Commerce (SCoM) and School of Media Technology and COmmunication (SoMTC) from this Academic Year 2024-25.

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, moved that "the admissions in Doctoral (Ph.D.) level Programmes in Engineering and Technology / Science /Law / Management/ Humanities / Arts during the Summer Semester of the Academic Year 2024-25", be approved.

Dr. M.S.R. Mariyappan , Professor & Dean - School of Management, seconded it.

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

46.10 **To ratify the number of students admitted under various programme in the Academic Year 2024-25.**

The Vice Chancellor, placed before the Academic Council to ratify the number of students admitted under various UG & PG programmes in the Academic Year 2024-25.

Dr. E. Kannan, Professor & Registrar, presented the details about the number of students admitted under various UG & PG programmes in the Academic Year 2024-25.
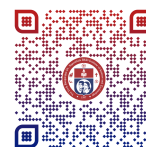
Appendix Admitted Count

Dr. E. Kannan, Professor & Registrar, presented the details about the number of students admitted under various UG & PG programmes in the Academic Year 2024-25.

Dr. E. Kannan, Professor & Registrar, moved that "the details about the number of students admitted under various UG & PG programmes in the Academic Year 2024-25", be ratified.

Dr. M. Rajeev Kumar, Professor & Dean - Quality Assurance, seconded it.

The motion was carried.

46.11 **To ratify the admissions under Institution Transfer category during the Summer Semester of the Academic Year 2024-25.**

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 2024-25.

Dr.E. Kannan, Professor & Registrar, presented the list of students admitted through Institution Transfer category in the Summer Semester of the Academic Year 2024-25.

Table 3: Institution Transfer Students Name List - AY 2024-25

S.No.	VTU No.	Name	Department	Name of the Institute (Transfer From)
1	VTU29711	ARUNAGIRI S	B.Tech. - Electronics and Communication Engineering	Sri Krishna College of Technology
2	VTU29640	POOJA SHREE D	B.Tech. - Biotechnology	Jeppiar College of Engineering
3	VTU30497	VENGADESH M	B.Tech. - Mechanical Engineering	Karpagam Academy of Higher Education
4	VTU30618	PERARASU E	B.Tech. - Electrical and Electronics Engineering	Karpagam Academy of Higher Education
5	VTU30624	A PRAVEEN	B.Tech. - Civil Engineering	Karpagam Academy of Higher Education
6	VTU30644	SHREEDHANYA S	B.Tech. - Electrical and Electronics Engineering	St. Peters College of Engg. and Technology.

Dr.E. Kannan, Professor & Registrar, moved that "the list of students admitted through Institution Transfer category in the Summer Semester of the Academic Year 2024-25", be ratified.

Dr. R.S.Valarmathi, Professor & Dean - School of Electrical and Communication, seconded it.

The motion was carried.

46.12 **To ratify the admissions under Lateral Entry category during the Summer Semester of the Academic Year 2024-25.**

The Vice Chancellor, placed before the Academic Council to ratify the list of students admitted under Lateral Entry category in the Summer Semester of the Academic Year 2024-25.

Lateral Entry students details can be accessed here

Dr. E. Kannan, Professor & Registrar, presented that the list of students admitted through Lateral Entry category in the Summer Semester of the Academic Year 2024-25.

Lateral Entry Students Name list

Table 4: Statistics of Lateral Entry students (Summer Semester AY 2024-25)

S.No	Name of the Programme	Count
1	B.Tech. - Aeronautical Engineering	10
2	B.Tech. - Artificial Intelligence and Machine Learning	9
3	B.Tech. - Artificial Intelligence(AI) and Data Science	4
4	B.Tech. - Biomedical Engineering	1
5	B.Tech. - Civil Engineering	7
6	B.Tech. - Computer Science and Engineering	72
7	B.Tech. - Computer Science and Engineering (Artificial Intelligence and Machine Learning)	3
8	B.Tech. - Computer Science and Engineering (Cyber Security)	5
9	B.Tech. - Computer Science and Engineering (Data Science)	2
10	B.Tech. - Electrical and Electronics Engineering	27
11	B.Tech. - Electronics and Communication Engineering	51
12	B.Tech. - Information Technology	3
13	B.Tech. - Mechanical Engineering	31
	Total	**225**

Dr.E. Kannan, Professor & Registrar, moved that "the list of students admitted through Lateral Entry category in the Summer Semester of the Academic Year 2024-25", be ratified.

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

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

46.13 **To ratify the admissions under Re-Admission category during the Summer Semester of the Academic Year 2024-25.**

The Vice Chancellor, placed before the Academic Council to ratify the admissions under Re-Admission category in the Summer Semester of the Academic Year 2024-25.

Dr.E. Kannan, Professor & Registrar, presented that the list of students admitted through Re Admission category in the Summer Semester of the Academic Year 2024-25.

Table 5: Students admitted through Re-Admission in Summer Semester AY 2024-25

S. No	BATCH	VTU NO	NAME OF THE STUDENT	PROGRAMME	DEPAR-TMENT	SEM YEAR	Circular No. and Date
1	2020-21	VTU 20963	S SAHIL	B.TECH.	MECH	III/II	Circular No. 03 dated on 04.07.2024
2	2022-23	VTA 1836	S HARINI	B.COM. LL.B.	-	III/II	Circular No.07 dated on 08.07.2024
3	2020-21	VTU 17907	DESETTI SAI NADU TEJA	B.TECH.	AERO	VI/III	Circular No.24 dated on 08.08.2024
4	2022-23	VTU 24271	AMAN DAS THARU	B.TECH.	AERO	IV/II	Circular No.24 dated on 08.08.2024

Dr.E. Kannan, Professor & Registrar, moved that "the list of students admitted through Re-Admission category in the Summer Semester of the Academic Year 2024-25", be ratified.

Dr.R.Sivaraman, Professor & Controller of Examinations, seconded it.

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

46.14 **To ratify the admission under Migration from one Programme to another Programme in respect of the Under Graduate (UG) during the Summer Semester of the Academic Year 2024-25.**

The Vice Chancellor, placed before the Academic Council to ratify the list of students "migrated from one programme to another programme category" in Summer Semester of the Academic Year 2024-25.

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 2024-25.

Table 6: List of Migrated Students during Summer Semester of the AY 2024-25

S.No	VTU	Registration No	Student Name	Present Programme (studying in)	Migration Applied To
1	27185	23UEEE0011	Giri . Bhavani	EEE	Civil
2	27329	23UEEE0013	Gudichutti Satyamaheswari	EEE	Civil
3	24841	23UECS0377	Mullapudi Jeevan Sri Venkata Vinay	CSE	Civil
4	27064	23UEEE0035	P Divyanjali	EEE	Civil
5	26313	23UECS0808	Mohammad Rayyan	CSE	MECH
6	25286	23UECV0010	Shreemathi Selvam	CIVIL	MECH
7	27065	23UEEE0004	C Gayani	EEE	IT
8	24810	23UEAE0028	M Arjun Kumar	AERO	CSE (DS)
9	24716	23UECL0038	M.Surendra	CSE (AI & ML)	CSD
10	24975	23UEEC0196	M.Dilip	ECE	AI & ML
11	26458	23UEEC0544	Lakkireddy Ganesh Reddy	ECE	CSE
12	27242	23UEME0025	P.Abhinay	MECH	CSE
13	27249	23UEEE0001	Akash Yadav	EEE	ECE
14	27373	23UEEE0039	Ammilu Saladi	EEE	ECE
15	24941	23UEEE0024	Manish Kumar Sharma	EEE	ECE
16	26533	23UECS0405	Nukala Sai Sri Vivek	CSE	CSE (AI & ML)
17	26337	23UECE0026	Kamsali Bunny Preetham Chary	CSD	CSE
18	24921	23UEEC0383	Yeruva. Rupa Lavanya	ECE	CSD
19	26947	23UEEE0047	V. Hima Bindu	EEE	ECE
20	27246	23UEEE0057	Rohit Mandal. N	EEE	ECE

Dr.E. Kannan, Professor & Registrar, moved that "the list of students admitted through migrated from one programme to another programme (*under section 12.2 & 12.3 in Regulations VTR UGE 2021*) in the Summer Semester of the Academic Year 2024-25", be ratified.

Dr. N. Lenin, Professor & Dean - School of Mechanical and Construction, seconded it.

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

46.15 **To ratify the Academic Calendar of Post Graduate - Arts (First year) and Post Graduate - Management (First year) programmes for the Academic Year 2024-25.**

The Vice Chancellor, placed before the Academic Council to ratify the Academic Calendar for the Academic Year 2024-25 for Under-graduate (UG) and Post-graduate (PG) level programmes.
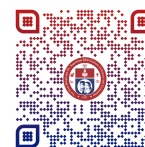
Appendix Academic Calendar

Prof. (Dr.) S. Raju, Professor & Dean Academics, presented the Academic Calendars of Post Graduate - Arts (First year) and Post Graduate - Management (First year) programmes for the Academic Year 2024-25.

Prof. (Dr.) S. Raju, Professor & Dean Academics, moved that the "Academic Calendars of Post Graduate - Arts (First year) and Post Graduate - Management (First year) programmes for the Academic Year 2024-25", be ratified.

Dr. K. Jagajjanani Rao, Associate Professor & Dean - Academic Research, seconded it.

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

46.16 **To ratify the examination results of Semester End Examinations held during the Winter Semester of Academic Year 2023-24.**

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 2023-24.

Appendix Result Analysis

Dr. R. Sivaraman, Professor & Controller of Examinations, presented the result analysis of the Semester end examination held during Winter Semester of the Academic Year 2023-24.

Dr. R. Sivaraman, Professor & Controller of Examinations, moved that "the result analysis of the semester end examination held during Winter Semester of the Academic Year 2023-24", be ratified.

Dr. P. Chandrakumar, Professor & Controller of Examinations, seconded it.

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

E. Items for Reporting

46.17   **To report the results of the Ph.D. viva voce conducted since last Academic Council held on June 08, 2024.**

The Vice Chancellor, placed before the Academic Council to ratify the results of the Ph.D. viva voce examinations conducted since last Academic Council held on June 08, 2024.

Ph.D. viva voce list can be accessed here
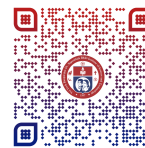
Appendix Ph.D. viva voce

Dr. R. Sivaraman, Controller of Examinations, presented the results of the Ph.D. viva voce examinations conducted since last Academic Council held on June 08, 2024.

Dr. R. Sivaraman, Controller of Examinations, moved that "the results of the Ph. D. viva voce examinations conducted since last Academic Council held on June 08, 2024", be reported.

46.18   **To record the progression and achievements of the following Schools and divisions:**

a) School of Computing.

b) School of Science and Humanities.

c) Office of International 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 International 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

Prof. Dr. S. P. Chokkalingam, Professor & Dean - School of Computing, moved the Progression of School of Computing and the academic acheivements", be recorded.

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

Dr. G. Guna Sekaran, Professor & Dean - School of Science and Humanities, presented the Progression of School of Science and Humanities and their academic acheivements.

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

Dr. G Guna Sekaran, Professor & Dean - School of Science and Humanities, moved the Progression of School of Science and Humanities and their academic acheivements", be recorded.

c) **Office of International Relations**.

Dr. P. Suresh, Professor & Dean - Office of International Relations, presented the Progression of Office of International Relations and their academic acheivements.

Progression of the Office of International Relations can be accessed here

Dr. P. Suresh, Professor & Dean - Office of International Relations, moved the Progression of Office of International Relations and their academic acheivements", be recorded.

D. Closing

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

1. **Dr. M.S.R. Mariyappan** , Professor & Dean - School of Management has announced that 14 students from the School of Management have successfully completed their internship and credit transfer from Universiti Sains Islam Malaysia, Malaysia. This pertains to two courses: 30212MG150 - Basics of Functional Analytics for Batch I and International Business Management for Batch II, with each course carrying 3 credits.

2. **Dr. N. Lenin**, Professor & Dean - School of Mechanical and Construction requesting to give suggestions and recommendations for starting a new programme.

   - B.Tech. - Aerospace Engineering under the department of Aeronautical.
   - B.Tech. - Electrical Vehicle under the department of Mechanical.
   - M.Tech. - Defense Technology under the department of Aeronautical.

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

47th Regular Meeting of the Academic Council is tentatively scheduled in the **Month of November**.

46.21   **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.

46.22   **Adjournment**

The meeting was adjourned at 1.40 PM.

✯✯✯

Appendix C

Board of Studies - Aeronautical Engineering
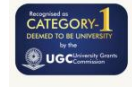
School of Mechanical and Construction

Department of Aeronautical Engineering

28th Board of Studies Meeting

Monday, November 18, 2024

2.00 pm, Department office & Hybrid Mode

Minutes of Meeting
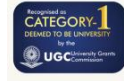
Summary of BoS Meeting

Summary of the 28th Board of Studies meeting of the Department of Aeronautical Engineering

The BoS meeting of the Department of Aeronautical Engineering is held on November 17, 2024 at office of the Head of the Department and Hybrid Mode. The following agenda items are discussed in detail.

- Proposing B.Tech. Aerospace Engineering program and Curriculum and Syllabus for B.Tech. Aerospace Engineering as per NEP initiates.
- Revision of the curriculum and syllabus for B.Tech. Aeronautical Engineering as per NEP initiates.
- Revision of curriculum and syllabus for M.Tech. Aeronautical Engineering as per VTR R23 and for B.Tech. Aeronautical engineering as per VTR UGE 21 regulations.

Head of the Department presented the proposal for starting B.Tech. Aerospace Engineering to the members. Members carefully evaluated the proposal and found

- Aerospace is one of the rapid growing sector especially after liberalization of space policies in India. The initiatives on In-Space clearly shows the Government Interest towards space sector and its growth. The list of companies and opportunities for students are analyzed in detail. The demand ratio of the top institutes also discussed and found public interest on space related technology.
- The benchmarking from top institutes are presented to members. It is decided to differ minimum 60 -70% of courses between Aerospace and Aeronautical Engineering and to focus on rocketry and satellite sector in Aerospace. The courses is modified and aligned towards India's space exploration programs and supporting aspiring space stratup in India.
- The feedback analysis is observed carefully and identified that skilling is need of the hour. The courses shall focus towards design, analysis and technological tools usage.
- Aeronautical Engineering courses also proposed as per NEP structure. Aerospace and Aeronautical introductory course shall be focused on main stream respectively. Proper course names are identified for design and analysis.
- Flight dynamics and control system is modified and kept in proper order. Courses like aircraft systems is added. Specialization electives may be explored after fine tuning core courses.
- MooC courses identified may be presented in next meeting.
- Undergraduate Certificate and Undergraduate Diploma terminologies needs to be revisited. ITI and Diploma can be used in I & II year exit and BsC can be used in III year exit. Courses are fined to implement multiple entry and exit. Appropriate foundation courses also identified.

28th Board of Studies Meeting, Monday, November 18, 2024, 2.00 pm

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

School of Mechanical and Construction

Department of Aeronautical Engineering

S. No	Name	Designation	Signature
1	Dr. R. Jaganraj, Head / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Chairman	
2	Dr. K. M. Parammasivam Professor / Aerospace Engineering, MIT, Chennai	Academic Expert	
3	Dr. Dinesh Manoharan Operations Head – UCAL Fuel Systems, Aerospace Division	Industry Expert	
4	Dr. B.L. Jaiswal, Professor of Emeritus / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Member	
5	Dr.J.V.Sai Prasanna Kumar, Professor / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Member	
6	Dr.Naga Lingeswara Raju, Professor / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Member	
7	Dr.Ganesan, Professor / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Member	
8	Mr. G. Boopathy, Asso. Professor / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Member	
9	Dr. G. Surendar, Asso. Professor / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Member	
10	Mr. B. Kirubadurai, Asst. Professor / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Member	
11	Miss. Nithya S, Asst. Professor / Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Inst of Sci & Tech	Member	

28th Board of Studies Meeting, Monday, November 18, 2024, 2.00 pm

28th Board of Studies Meeting, Monday, November 18, 2024, 2.00 pm

28th Board of Studies Meeting

Date: November 18, 2024   **Time: 2.00 pm**

Place: Department office & Hybrid Mode

Agenda for Meeting

28. A. Items for Confirmation

28.1 Action taken report on 27th BoS minutes dated July 24, 2024.

28.2 Minutes of meeting of the 26th BoS dated July 24, 2024

28.3. Leave of absence of the members

28. B. Items for Discussions

28.4 Curriculum and Syllabus for B.Tech. Aerospace Engineering as per as per NEP initiates.

28.5 Revision of the curriculum and syllabus for B.Tech. Aeronautical Engineering as per NEP initiates.

28.6 Revision of curriculum and syllabus for M.Tech. Aeronautical Engineering as per VTR R23.

28.C. Items for Reporting

28.7 Ratification of Courses, if any

28.D. Closing

28.8. Any other item with the permission of chair

Vote of Thanks

Minutes of Meeting – 28th BOS of Department of Aeronautical Engineering

The chair welcomed all to the meeting. The following agenda items were discussed and recommended action items were finalized.

28. A. Items for Confirmation

28.1 Action taken report on 27th BoS minutes dated July 24, 2024.

The action taken report is reviewed by members.

Recommendations	Action Taken
27.4. Assessment procedure for invited courses by professor from international universities & industry experts in program elective and program core categories of B.Tech. Aeronautical Engineering under VTR UGE 21 regulation. The courses offered under program elective and program core categories by invited professors from abroad universities and industry experts are discussed in detail. It is recommended to consider the assessment done by the invited experts is sufficient to award the credits for the courses. This helps the students and department to understand international & innovative learning practices followed at different universities and study them in detail. This also helps the students to understand the international practices in awarding credits.	Approved & Implemented
27.5 Selection of self-learning courses in program elective and open elective categories for B.Tech. Aeronautical Engineering under VTR UGE 21. Department offers specialization in Aerospace & Defence, Autonomous Drone Technology and Computational Engineering for B.Tech. Aeronautical Engineering. NPTEL or swayam has minimum courses relevant to these areas and most of the courses were available in program core courses which is listed in NPTEL or swayam. So, committee recommended to consider edx and coursera platforms also to select courses for self-learning mode of study.	Approved & Implemented
27.6 Revision of the curriculum and syllabus for B.Tech. Aeronautical Engineering under VTUR 2021.	Approved & Implemented

28th Board of Studies Meeting, Monday, November 18, 2024, 2.00 pm

Addition of Courses under various category : Theory of Machines, Thermal-Fluids Engineering 1: Basics of Thermodynamics and Hydrostatics, Remote Sensing: Principles and Applications, Global Media, War, and Technology, Sustainable Energy: Design a Renewable Future, System Design for Sustainability, Autonomous Mobile Robots, UAV in Engineering Applications Revision of Focused Tutorial problems: All tutorial problems were revisited and revised.	
27.7 Revision of the curriculum and syllabus for M.Tech. Aeronautical Engineering under VTR 23 regulation. Addition of courses under MooC : UAV in Engineering Applications, Remote Sensing: Principles and Applications, Research Methodology, English for Research Paper Writing	Approved & Implemented

28.2 Minutes of meeting of the 27th BoS minutes dated July 24, 2024.

Members reviewed the minutes of the meeting of the 27th BoS minutes dated July 24, 2024.

28.3. Leave of absence of the members

All are presented

28. B. Items for Discussions

28.4 Curriculum and Syllabus for B.Tech. Aerospace Engineering as per as per NEP initiates.

Members reviewed proposal for starting new program on Aerospace Engineering.

The NEP initiatives of the institute is discussed in detail.

The market research and strategic plans are discussed in detail (Annexure – I)

The benchmarking & feedback on curriculum analysis of Department of Aeronautical is discussed in detail (Annexure – II)

The proposed curriculum is discussed in detail by members (Annexure – III)

The following changes is made as per committee recommendations.

- Aerospace is one of the rapid growing sector especially after liberalization of space policies in India. The initiatives on In-Space clearly shows the Government Interest towards space sector and its growth. The list of companies and opportunities for students are analyzed in detail. The demand ratio of the top institutes also discussed and found public interest on space related technology.

- The benchmarking from top institutes are presented to members. It is decided to differ minimum 60 -70% of courses between Aerospace and Aeronautical Engineering and to focus on rocketry and satellite sector in Aerospace. The courses is modified and aligned towards India's space exploration programs and supporting aspiring space stratup in India.
- The feedback analysis is observed carefully and identified that skilling is need of the hour. The courses shall focus towards design, analysis and technological tools usage.
- Labs like rocketry, satellite testing, small satellites were introduced.

Action : The proposed curriculum is modified and recommended for ACM by members.

28.5 Revision of the curriculum and syllabus for B.Tech. Aeronautical Engineering as per NEP initiates.

Members reviewed the proposed Aeronautical Engineering curriculum as per NEP.

The feedback on curriculum analysis of Department of Aeronautical is discussed in detail (Annexure – I)

The proposed curriculum is discussed in detail by members (Annexure – III A)

The following changes is made as per committee recommendations.

- Aeronautical Engineering courses also proposed as per NEP structure. Aerospace and Aeronautical introductory course shall be focused on main stream respectively. Proper course names are identified for design and analysis.
- Flight dynamics and control system is modified and kept in proper order. Courses like aircraft systems is added. Specialization electives may be explored after fine tuning core courses.
- MooC courses identified may be presented in next meeting.
- Undergraduate Certificate and Undergraduate Diploma terminologies needs to be revisited. ITI and Diploma can be used in I & II year exit and BsC can be used in III year exit. Courses are fined to implement multiple entry and exit. Appropriate foundation courses also identified.
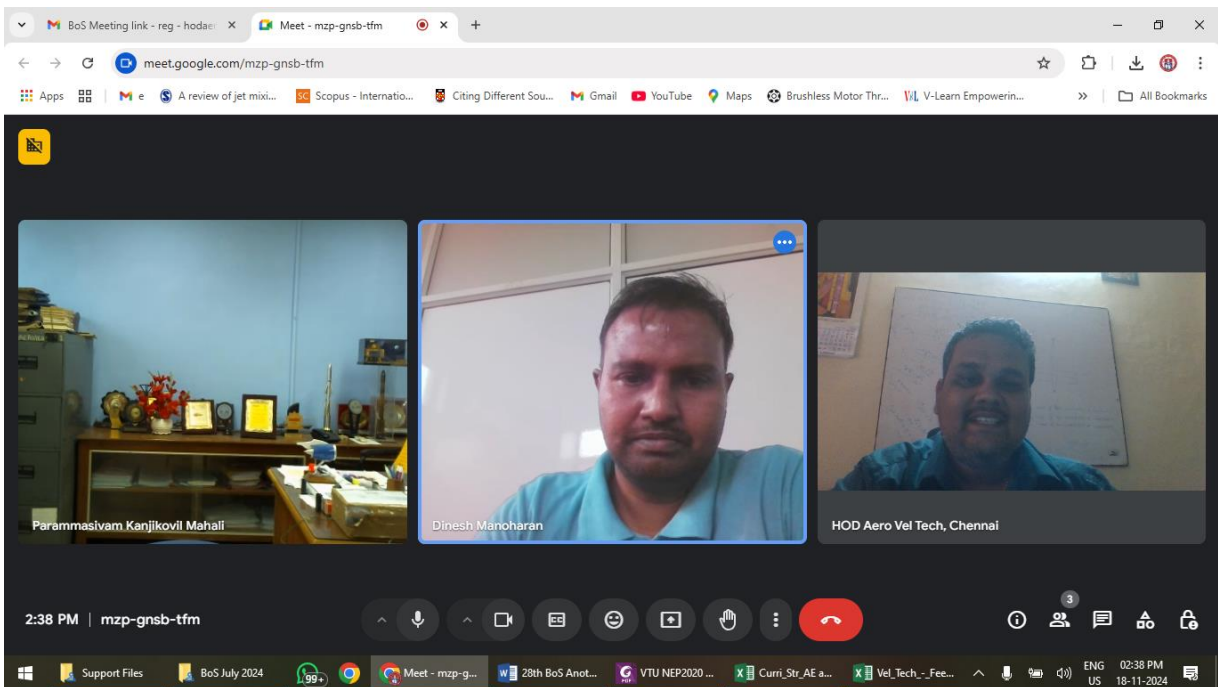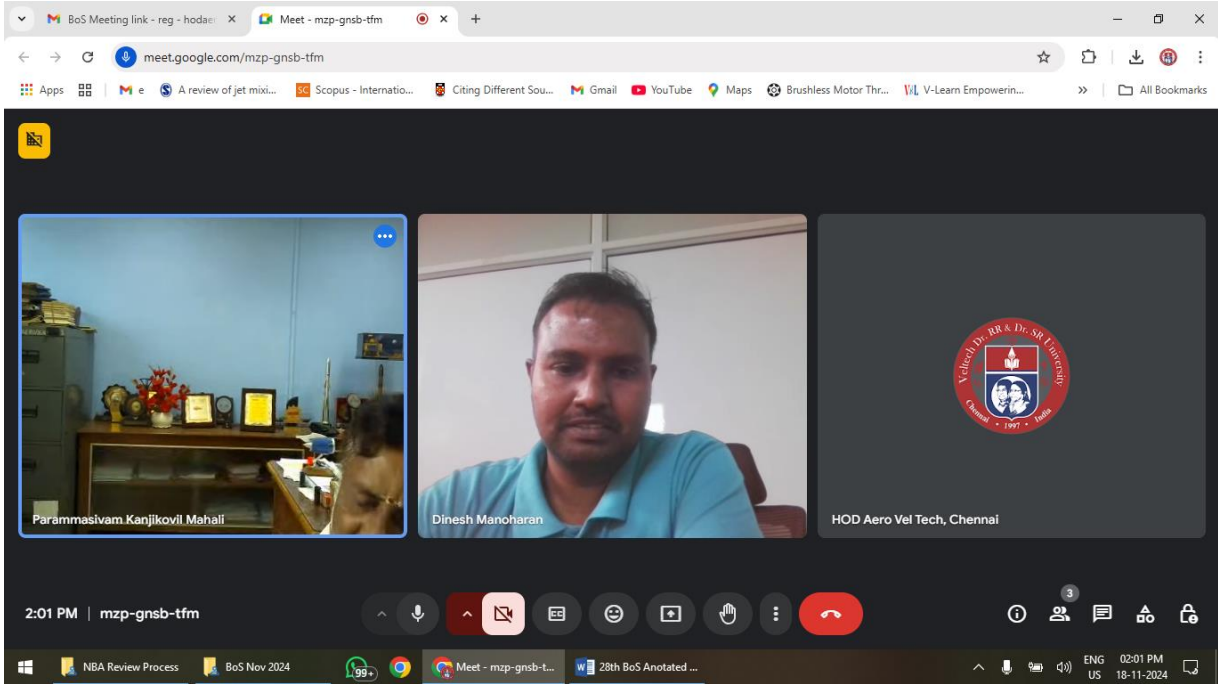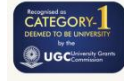
Action : The proposed curriculum is modified and recommended for ACM by members.

28.6 Revision of curriculum and syllabus for B.Tech. Aeronautical Engineering as per VTR UGE 21 and M.Tech. Aeronautical Engineering as per VTR R23.

- List of MooC courses will be added after analyzing with NPTEL, courser and Edx. Recommended courses will be presented in next BOS.

Action : HoD Aero need to submit recommended courses in next BoS meeting.

28.C. Items for Reporting
28th Board of Studies Meeting, Monday, November 18, 2024, 2.00 pm
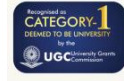
28.5 Ratification of Courses, if any

Credit course on "Multi rotor UAV technology: Design, Modelling and Control Systems"
is offered by Dr. Phang Swang Lee from Taylors University, Malaysia. to II Year B.Tech.
Aeronautical Engineering students. It is recommended to consider under IHL category.

Action: It is recommended to ratify the IHL course offered to students in WS2324.

28.D. Closing

28.7. Any other item with the permission of chair

Nil

The chair expressed sincere thanks to all the members of the BoS.

Chairman - BOS
Aeronautical Engineering

Appendix D

Board of Studies - School of Law

25.07.2024

Prof (Dr) B. VENUGOPAL
Dean
School of Law

To

Hon'ble Vice Chancellor
Vel Tech Rangarajan Dr Sangunthala
R & D Institute of Science and Technology
Avadi

Respected Sir

Sub: Minutes of 12th Board of Studies meeting – 21.06.2024 - School of Law - Approval – Regarding

The School of Law, 12th Board of Studies Meeting was conducted on 21.06.2024. In this regard I am herewith attaching the Minutes of the above mentioned meeting along with necessary documents for your kind perusal.

Thanking You

Yours Sincerely

Prof (Dr) B. VENUGOPAL

Dr. B.Venugopal
Dean - School of Law

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

12ᵗʰ BOARD OF STUDIES MEETING SCHOOL OF LAW

MINUTES OF MEETING

DATE	21.06.2024
VENUE	Dean Cabin-SCHOOL OF LAW
TIME	11.00 AM

School of Law
Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
(Deemed to be University Estd.u/s 3 of UGC Act,1956)
AVADI
CHENNAI 600 062

School of Law

PROF. Dr.B.Venugopal
DEAN

19.06.2024

CIRCULAR

The 12th Board of Studies in Law meeting is scheduled to be conducted on 21.06.2024 at about 11 AM at the School of Law premise. All the members of the Board of Studies are requested to attend the Meeting without fail.

Agenda
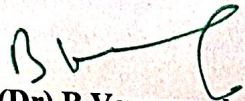
1. To discuss the Bar Council of India's latest mandatory guidelines, norms and rules of Legal Education issued on 20th May 2024.
2. About the 2023 regulations and implementations
3. Discussion on NPTEL Courses.
4. Discussion on offering Three Years LL.B Course
5. Discussion on offering Two years LL.M Course
6. About issuing of Internship diaries to the Students.
7. About all other Academic Activities pertaining to School of Law.

Internal Members Present:

1. Prof. (Dr.) B. Someswara Rao, Prof. of Law & HOD
2. Dr. S.T.Naidu , Associate Professor
3. Dr.K.Bharathiraja , Associate Professor
4. Dr.K.Illakiya Assistant Professor
5. Dr. Y. Ebenezer, Asst. Prof. of Economics

External Members Present:

6. Hon'ble Justice KBK Vasuki, Former Justice High court of Madras
7. Prof (Dr) N.Kayalvizhi, Principal Govt Law College Pattaraiperumpudur
8. Dr.G.Rajasekar Hod (i/c) Dept of Legal Studies, University of Madras

Prof (Dr).B.Venugopal
Dean of Law

Dr. B.Venugopal
Dean - School of Law

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School of Law

Minutes of the 12ᵗʰ Board of Studies Meeting held at School of Law dated 21.06.2024

Date of the Meeting	21.06.2024
Venue of the Meeting	Dean Cabin- School of Law
Time	11.00 AM to 12.00 PM
Total number of External Members	3
Total Number of Internal Members	5

The 12ᵗʰ Board of Studies meeting was chaired by Prof Dr.B.Venugopal Dean, School of Law, Vel Tech University. The Agenda was submitted to the Board Members for their kind perusal and opinions.

Agenda of the Meeting

	Agenda	Elaboration
1	**To discuss the Bar Council of India's latest mandatory guidelines, norms and rules of Legal Education issued on 20ᵗʰ May 2024**	The guidelines of Bar Council of India were discussed in detail. • Dr. B. Venugopal commenced the meeting with briefing about the purpose of holding this meeting. • During discussion on the topic of inclusion of emerging subjects Prof. Dr. N. Kayalvizhi suggested including Data Protection laws. • The committee approved to include Constitutional Values and integration of Socio-economic and cultural contexts into syllabus. • Regarding introduction of bilingual education it was suggested by Hon'ble Justice KBK Vasuki that it would be prudent to wait for BCI guidelines regarding the same. It was unanimously agreed upon by all the committee members. • Prof. Dr. N. Kayalvizhi recommended incubation centres for students to experience interdisciplinary experimental studies and to enhance their critical thinking. The committee alsoagreed to the same. • The committee resolved that compulsory integration of Mediation into legal education can be considered as optional subject. • Hon'ble Justice KBK Vasuki and Prof.

		Dr. N. Kayalvizhi and all other internal members agreed to implement new criminal enactments either subject to the approval of state government or National Education Policy guidelines.
		• Regarding non approval/non recognition of law courses by online mode and through correspondence open and distance education itwas discussed by the committee, since the School of Law is not offering any such courses it is not applicable to this institution.
		• The committee recommended that the Library timing till 10 pm can be implemented subject to the availability of the students.
		• The committee resolved that Indian Nationals who have acquired LL.M degree from foreign University/serving as a faculty in any Deemed to beUniversity/ State University or any other Law Colleges are required to get their equivalence certificate from the Bar Council of India, vide.BCI:D:468/2024/Cir-006/2024(LE)-Regulation No.11, para 8,dt.20.05.2024
		• The Committee also discussed about periodic review and adaptations and resolved that the Institution does comply with sanctioned strength of seats as recognised by BCI.
2	About the 2023 regulations and implementations	The 2023 regulation was discussed in detail.
		• Prof. Dr. N. Kayalvizhi suggested developing content writing in legal methods and legalwriting.
		• Prof. Dr. N. Kayalvizhi appreciated implementing moot court and crime scene investigation by the School of Law and it was decided by thecommittee to continue the same.
		• Hon'ble Justice KBK Vasuki and Prof. Dr. N. Kayalvizhi recommended to repeal the old criminal major Acts with new Acts for coming academic year and also suggested to conduct additional workshop for previous academic year students.
		• The committee resolved to combine Medicine, Drugs and Cosmetic Law as a single subject.
3	Discussion on NPTEL Courses.	NPTEL courses were discussed
		• The Committee resolved that NPTEL Courses be made mandatory for students and faculty.
		1. The Committee discussed that students can opt for three courses per academic year and faculty can opt for one course

		2. It is recommended that the following NPTEL courses namely-
		   a. Right to Information and Good Governance
		   b. Law of Electricity
		are for Engineering students only.

4	Discussion on offering Three Years LL.B Course	• The Committee resolved that the Institution can commence Three year LL.B Course subject to the latest regulations pertaining to it. Further, this was also resolved upon the feedback of the various Stakeholders.
5	Discussion on offering Two years LL.M Course	• Hon'ble Justice KBK Vasuki and Prof.Dr.N.Kayalvizhi strongly stressed that the Institution can commence Two year LL.M Course on Constitutional Law, since the University is already offering Ph.D courses in Law. The committee agreed the same. Further, this was also resolved upon the feedback of the various Stakeholders.
6	About issuing of Internship diaries to the Students.	• Prof.Dr.N.Kayalvizhi recommended issuing formats and files to the students to facilitate the proper maintenance of record of the internship.
7	About all other Academic Activities pertaining to School of Law.	• The Committee discussed all other academic activities pertaining to School of Law. • Owing to demand for Law courses offered by the School of Law it was suggested by the committee that the institution may also commence five year BBA LL.B Honours Course. Further, this was also resolved upon the feedback of the various Stakeholders.

Dr. B.Venugopal
Dean - School of Law

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R&D Institute of Science and Technology
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Summary of the 12th Board of Studies

The School of Law conducted its 12th Board of Studies meeting on 21st June 2024. The meeting was chaired by Prof. Dr. B. Venugopal, Dean, School of Law. The conduct of the meeting was conveyed to all the internal and external committee membersvide notice dated 19.06.2024.

The Chairman presented all the relevant papers and explained the activities ofthe School of Law to the members of the committee. The committee discussed about the guidelines of Bar Council of India and resolved that the Institution shall comply with Bar Council of India's guidelines, norms and rules of Legal Education issued on 20th May 2024.

The committee also discussed the feedback received from various stakeholders.

According to the suggestions of the committee, the 2023 regulations shall be implemented and also thecommittee resolved to implement the NPTEL courses for both students and faculties.

The Committee resolved that the institution can commence Two-year LL.M Course on Constitutional Law. Five year BBA LL. B (Hons.) Course, Three-year LL. B (Hons.) Course.

The committee recommended to issue format for internship to the students.

At the end of the Discussion, the Chairman of the Board of Studies thanked the entire committee members for their cooperation and suggestions.

Dr. B.Venugopal
Dean - School of Law

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SCHOOL OF LAW

REPORT OF 12TH BOARD OF STUDIES MEETING DATED 21.06.2024

The School of Law conducted its 12th Board of Studies meeting on 21st June 2024. The meeting was headed under the Chairmanship of Prof Dr. B. Venugopal, Dean, School of Law. The conduct of the meeting was conveyed to all the internal and external committee members vide Notice dated 19.06.2024.

Guidelines ,Norms and Rules of Legal education issued by Bar Council of India on 20th May 2024

Dr. B. Venugopal commenced the meeting on 21.06.2024 at 11 am.

At the meeting Prof. Dr. N. Kayalvizhi suggested inclusion of data protection laws.

The committee approved to include constitutional values and integration of socio- economic and cultural contexts into syllabus.

The committee members agreed with the suggestion of Hon'ble Justice K. B. K. Vasuki to wait for BCI guidelines regarding the introduction of bilingual education.

The committee also agreed with the suggestion put forward by Prof. Dr. N .Kayalvizhi regarding the introduction of incubation centre for students to experience interdisciplinary experimental studies so that it can enhance their critical thinking.

It was also decided that the integration of mediation into legal education may be considered as an optional subject.

Regarding non recognition of law courses by online or correspondence mode, it was decided that since School of Law is not offering courses by on line or correspondence mode, it is not applicable to this institution.

Subject to the availability of the students the committee recommended the change of library timing till 10 pm.

It was resolved by the committee that Indian nationals who have acquired LL.M degree from foreign University/ serving as a faculty in any Deemed to be University/ State University or any other Law Colleges are required to get their equivalence certificate from the Bar Council of India, vide.BCI:D:468/2024/Cir-006/2024(LE)-Regulation No.11, para 8,dt.20.05.2024.

The School of law complies with the sanctioned strength of seats recognised by BCI and this was put forward by the committee.

2023 Regulations and Implementations

Committee member Prof. Dr. N. Kayalvizhi suggested developing content writing in legal methods and legal writing and also appreciated the implementation of moot court and crime scene investigation by the School of Law.

The panel decided to implement the new Criminal Major Acts according to the direction of the statutory bodies.

The committee decided to combine Medicine, Drugs and Cosmetic Law as a single subject.

NPTEL Courses

The committee decided that NPTEL courses shall be made mandatory for students and faculty and the students can opt for three courses per academic year and faculty can opt for one course.

Three Year LLB Course

The Committee strongly recommended that the institution can commence a Three year LLB course subject to the latest regulations. The committee, satisfied with the student- faculty ratio, decided to recruit faculties according to the norms.

Two Year LLM Course

The committee reasoned that since the University was already offering Ph.D courses in Law it persuasively recommended that the Institution can commence a Two year LL.M Course on Constitutional Law.

Issue of Internship Diaries to Students

To facilitate the proper maintenance of records regarding internship Prof. Dr. N. Kayalvizhi recommended to issue formats and files to the students and this suggestion was accepted by the committee.

Academic Activities

Owing to the demand for law courses offered by the School of Law it was suggested by the committee that the institution may also commence a five year BBA LL.B Honors Course.

The committee discussed all other academic activities. All matters pertaining to academics was discussed based upon the feedback given by the various stakeholders.

The meeting concluded with Chairman thanking all the members for participating in the Board of Studies meeting and for their suggestions.

Dr. B.Venugopal
Dean - School of Law

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The 12th Board of Studies Meeting of School of Law

Attendance Sheet

INTERNAL MEMBERS

1	Prof (Dr) B.Venugopal	
2	Prof (Dr) B.Someshwara Rao	
3	Dr S.T.Naidu	
4	Dr.K.Bharathiraja	
5	Dr.K.Illakiya	
6	Dr.Y.Ebeneser	

EXTERNAL MEMBERS

1	Hon'ble Justice K.B.K.Vasuki	
2	Prof (Dr) N.Kayalvizhi	
3	Dr.G.RajaSekar	ABSENT

Appendix E

Board of Studies - School of Media

SCHOOL OF
MEDIA TECHNOLOGY & COMMUNICATION
MINUTES OF MEETING
16th BOARD OF STUDIES
on

29.06.2024

VTR UGAS21

B.Sc. (VISUAL COMMUNICATION)
B.Sc. (MULTIMEDIA)

Vel Tech
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SCHOOL OF MEDIA TECHNOLOGY AND COMMUNICATION
16ᵗʰ BOARD OF STUDIES
(29ᵗʰ June 2024, Saturday)

MEMBERS OF THE BOARD OF STUDIES

S. No	Name, Designation and Organization	Functional Designation	Signature
1	Dr. E. Suresh Paul Dean and Professor School of Media Technology and Communication, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai.	Chair Person	
2	Dr. M. Shuaib Mohamed Haneef Professor, Department of Electronic Media and Mass Communication, Pondicherry University, Puducherry.	External Expert Member	
3	Ms. Malini Department of Multimedia and Animation, Loyola College, Chennai.	External Expert Member	
4	Mr. R. Venkatesh Babu CEO, Global Villagers, Chennai	Industry Expert Member	

![Vel Tech Logo]

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SCHOOL OF MEDIA TECHNOLOGY AND COMMUNICATION

16th BOARD OF STUDIES

(29th June 2024, Saturday)

MEMBERS OF THE BOARD OF STUDIES

S. No	Name, Designation and Organization	Functional Designation	Signature
1	Dr. M. Saravanan Associate Professor School of Media Technology and Communication,	Internal Member	
2	Ms. S. Devi Lakshmi Assistant Professor School of Media Technology and Communication	Internal Member	
3	Mr. B. Ramesh Lal Assistant Professor School of Media Technology and Communication,	Special Invitee	
4	Mr. M. Dhayanithi Assistant Professor School of Media Technology and Communication,	Special Invitee	
5	Mr.S. Selva Vinayagam Assistant Professor School of Media Technology and Communication,	Special Invitee	
6	Mr. J. Jabez David Assistant Professor School of Media Technology and Communication	Special Invitee	
7	Ms. Meenalochini. S.P Assistant Professor School of Media Technology and Communication	Special Invitee	
8	Dr. K. Ebiraj Assistant Professor School of Media Technology and Communication	Special Invitee	

SCHOOL OF MEDIA TECHNOLOGY AND COMMUNICATION

16th BOARD OF STUDIES

(29th June 2024, Saturday)

MEMBERS OF THE BOARD OF STUDIES

S. No	Name, Designation and Organization	Functional Designation	Signature
1	Mr. N. Roshan (VTA 1424)	Student	
2	Mr. J. Ruban kumar (VTA 1800)	Student	
3	Ms. A. Ramyya (VTA 2812)	Student	
4	Mr. A.Surjith Kumar (VTA 1391)	Student	
5	Ms. M Hajira Banu (VTA 1775)	Student	
6	Mr. M. Udahaya Kumar (VTA 2642)	Student	

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

School of Media Technology & Communication

Department of Visual Communication
&
Department of Multimedia

Minutes of the 16th Board of Studies meeting held on 29th June 2024

The 16th Board of Studies - B.Sc. (Visual Communication), B.Sc. (Multimedia) and Ph.D. (Media and Communication) under VTR UGAS21 and VTR DR21 Regulation was held in Block 37 between 10.00 am to 3.00 pm the following members were present during the meeting:

Chair Person

Dr. E. Suresh Paul, Dean & Professor - School of Media Technology & Communication.

Academic Expert

Dr. M. Shuhaib Mohammed Haneef, Professor – Department of Electronic Media and Mass Communication, Pondicherry University, Puducherry.

Ms. Malini, Assistant Professor – Department of Multimedia and Animation, Loyola College, Chennai.

Industry Expert

Mr. R. Venkatesh Babu, CEO – Global Villagers, Chennai.

Internal Members
Dr. M. Saravanan, Associate Professor, School of Media Technology & Communication
Ms. S. Devilakshmi, Asst. Professor, School of Media Technology & Communication

Special Invitees
Mr. B. Ramesh Lal, Asst. Professor, School of Media Technology & Communication
Mr. M. Dhanyanithi, Asst. Professor, School of Media Technology & Communication
Mr. S. Selvavinayagam, Asst. Professor, School of Media Technology & Communication.
Mr. J. Jabez David, Asst. Professor, School of Media Technology & Communication
Ms. S.P. Meenalochini, Asst. Professor, School of Media Technology & Communication
Mr. K. Ebiraj, Asst. Professor, School of Media Technology & Communication

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Dr. E. Suresh Paul, Dean – School of Media Technology and Communication & Chair Person of the Board of Studies welcomed the members.

The following is the agenda of the 16th BoS.

Agenda No   Agenda

16BoS – 01   Presentation by Chair of Board of Studies

16BoS – 02   Student's feedback about the Curriculum

16BoS – 03   Discussion on curriculum and 1st semester syllabus for B.Sc. Multimedia

16BoS – 04   Discussion on curriculum and 2nd semester syllabus for B.Sc. Multimedia

16BoS – 05   Discussion on curriculum and 3rd semester syllabus for B.Sc. Multimedia

16BoS – 06   Discussion on curriculum and 4th semester syllabus for B.Sc. Multimedia

16BoS – 07   Discussion on curriculum and 5th semester syllabus for B.Sc. Multimedia

16BoS – 08   Discussion on curriculum and 1st semester syllabus for B.Sc. Visual Communication

16BoS – 09   Discussion on curriculum and 2nd semester syllabus for B.Sc. Visual Communication

16BoS – 10   Discussion on curriculum and 3rd semester syllabus for B.Sc. Visual Communication

16BoS – 11   Discussion on curriculum and 4th semester syllabus for B.Sc. Visual Communication

16BoS – 12   Discussion on curriculum and 5th semester syllabus for B.Sc. Visual Communication

16BoS – 13   Discussion on course work syllabus for Ph.D. Media and Communication

16BoS – 14   Discussion on research paper publication in UGC care listed Journals

16BoS – 15   Any other items.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda 16 BoS – 01 Presentation by Chair of Board of Studies

The Chair Person introduced himself and explained curriculum for B.Sc. (Visual Communication) and B.Sc. (Multimedia) & Ph.D. (Media and Communication) under VTR UGAS21 and VTR DR21 Regulation. He also requested the members to give their open views to tune the curriculum and syllabus to the expectations of the Industry.

Discussion:

Ms. Malini says that to offer 3Ds Max, Cinema 4D and Blender courses in the value added course category for multimedia and visual communication students. Furthermore, she suggested to offer ' Dynamics and Simulation' course to the multimedia program.

Action:

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda16 BoS – 02 Students' feedback about the Curriculum

Student Representatives:
1. Mr. Roshan , III B.Sc. Visual Communication
2. Mr. Ruban Kumar, II B.Sc. Visual Communication
3. Ms. Ramyya, I B.Sc. Visual Communication
4. Mr. Surjith Kumar, III B.Sc. Multimedia
5. Ms. Hajira Banu, II B.Sc. Multimedia
6. Mr. Udhayakumar, I B.Sc. Multimedia

Alumni Student Representative:

The BoS Chairperson asked the student representatives from each class to share their views in their curriculum. Six students were participated in the Board of Studies meeting.

Discussion:

The following are the feedback given by the students
- 3D Animation based Subject should be given to Multimedia Students. In addition, organize workshops in relation to 3D Max and VFX areas. (Mr. Surjith Kumar)
- Many workshops and Industrial visits are required to Multimedia Students to get more exposure (Ms. Hajira Banu)
- The extra-curricular activities are required for visual communication students to bring their talent and exhibit. (Mr. Roshan)
- The other students shared their optimistic views about school of media technology and communication (Mr. Ruban kumar, Ms. Ramyya and Mr. Udhaya kumar).

Action

The members have noted and moved on to the next agenda.

The chairperson Dr. E. Suresh Paul explained the course curriculum to the panel.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda 16 BoS - 03 Discussion on curriculum and 1st semester syllabus for B.Sc. Multimedia

The BoS Chairperson discussed the curriculum and the course structure of the 1st Semester for B. Sc. Multimedia. The Courses offered in 1st semester are: Tamil (50210MM101), Basic Tamil (50210MM102), General English (50210MM103), Fundamentals of Multimedia (50211MM118), Photography Framing & Composition (50211MM219), Drawing (50211MM303), Basics of Computer (50211MM301) and Environmental Studies (50211MM302).

Discussions:

Course Code	Course Category	Course Name	Changes
50210MM101	Foundation I	Tamil	No changes
50210MM102		Basic Tamil	No changes
50210MM103	Foundation II	General English	No changes
50211MM118	Programme Core I	Fundamentals of Multimedia	The BOS members suggested to change Integrated course category, instead of theory course component.
50211MM219	Programme Core II	Photography - Framing & Composition	No changes
50211MM303	Programme Core III	Drawing	No changes
50218MM301	Ability Enhancement Courses	Basics of Computer	The members of board of study found that the basic of computer course content is obsolete. So due to the reason, the members suggested to offer alternative course such as creative thinking course here.
50218MM302	Ability Enhancement Courses	Environmental Studies	No changes

The members of the BoS discussed about to introduce communication theory subject in the curriculum and the syllabus for the 1st semester courses for B.Sc. Multimedia.

Action

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda 16 BoS - 04 Discussion on curriculum and 2nd semester syllabus for B.Sc. Multimedia

The BoS Chairperson discussed the curriculum and the course structure of the 2nd Semester for B. Sc. Multimedia. The Courses offered in 2nd semester are: Communicative English (50210MM105), Introduction to Animation (50211MM122), Script Writing and Storyboard (50211MM220), Drawing for Animation (50211MM221), 2D Computer Graphics (50211MM307), 3D Set Modeling Texturing & Lighting (50211MM321) and Understanding Gender (50218MM303).

Discussions:

Course Code	Course Category	Course Name	Changes
50210MM105	Foundation II	Communicative English	No changes
50211MM122	Programme Core IV	Introduction to Animation	No changes
50211MM220	Programme Core V	Script Writing and Storyboard	No changes
50211MM221	Programme Core VI	Drawing for Animation	No changes
50211MM307	Programme Core VII	2D Computer Graphics	No changes
50211MM321	Programme Core VIII	3D Set Modeling Texturing & Lighting	No changes
50218MM303	Ability Enhancement Courses	Understanding Gender	No changes

The members of the BoS approved the curriculum and the syllabus for the other 2nd semester courses for B.Sc. Multimedia.

Action

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda 16 BoS - 05 Discussion on curriculum and 3rd semester syllabus for B.Sc. Multimedia

The BoS Chairperson discussed the curriculum and the course structure of the 3rd Semester for B. Sc. Multimedia. The Courses offered in 3rd semester are: UI/UX Design for Web Application (50211MM209), Sound Design for Animation (50211MM210), 2D Digital Animation (50211MM311), 3D Character Modeling (50211MM312), Stop Motion Animation (50213VC301), and Visual Analysis Techniques (50218MM304).

Discussions:

Course Code	Course Category	Course Name	Changes
50211MM209	Programme Core IX	UI/UX Design	No changes
50211MM210	Programme Core X	Sound Design for Animation	No changes
50211MM311	Programme Core XI	2D Digital Animation	No changes
50211MM312	Programme Core XII	3D Character Modeling	No changes
50213VC301	Open Elective I	Stop Motion Animation	No changes
50218MM304	Ability Enhancement Courses	Visual Analysis Techniques	No changes

The members of the BoS approved the curriculum and the syllabus for the other 3rd semester courses for B.Sc. Multimedia.

Action

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda 16 BoS - 06   Discussion on curriculum and 4th semester syllabus for B.Sc. Multimedia

The BoS Chairperson discussed the curriculum and the course structure of the 4th Semester for B. Sc. Multimedia. The Courses offered in 4th semester are: 3D Character Rigging (50211MM313), Presentation Designing (50212MM201), Digital Painting (50212MM202), Advanced Photography (50212MM203), Acting for Animation (50213VC102), Motion Graphics (50213VC103) and Personality Development (50218MM305).

Discussions:

Course Code	Course Category	Course Name	Changes
50211MM313	Programme Core XIII	3D Character Rigging	No changes
50212MM201	Programme Elective I	Presentation Designing	No changes
50212MM202	Programme Elective II	Digital Painting	No changes
50212MM203	Programme Elective III	Advanced Photography	No changes
50213VC102	Open Elective II	Acting for Animation	No changes
50213VC103	Open Elective III	Motion Graphics	No changes
50218MM305	Ability Enhancement Courses	Personality Development	No changes

The members of the BoS approved the curriculum and the syllabus for the other 4th semester courses for B.Sc. Multimedia.

Action

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda 16 BoS - 07 Discussion on curriculum and 5th semester syllabus for B.Sc. Multimedia

The BoS Chairperson discussed the curriculum and the course structure of the 5th Semester for B. Sc. Multimedia. The Courses offered in 5th semester are: Visual Effects (50211MM314), 3D Environmental Design (50211MM315), Video Editing (50211MM316), Digital Intermediate (50212MM204), Augmented Reality Virtual Reality (50212MM205), 3D Stereoscope (50212MM206), 3D Animation (50212MM207) and Portfolio Presentation (50218MM306).

Discussions:

Course Code	Course Category	Course Name	Changes
50211MM314	Programme Core XIV	Visual Effects	No changes
50211MM315	Programme Core XV	3D Environmental Design	No changes
50211MM316	Programme Core XVI	Video Editing	No changes
50212MM204	Programme Elective I	Digital Intermediate	No changes
50212MM205	Programme Elective II	Augmented Reality Virtual Reality	No changes
50212MM206	Programme Elective III	3D Stereoscope	No changes
50212MM207	Programme Elective IV	3D Animation	The BoS members suggest that to offer 3D Animation course and also include in the elective courses category.
50218MM306	Ability Enhancement Courses	Portfolio Presentation	No changes

The members of the BoS approved the curriculum and the syllabus for the other 5th semester courses for B.Sc. Multimedia.

Action

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda 16 BoS - 08 Discussion on curriculum and 1st semester syllabus for B.Sc. Visual Communication

The BoS Chairperson discussed the curriculum and the course structure of the 1st Semester for B. Sc. Visual Communication. The Courses offered in 1st semester are: Tamil (50210VC101), Basic Tamil (50210VC102), Hindi (50210VC104), General English (50210VC103), Visual Communication Concepts & Principles (50211VC101), Visual Literacy (50211VC318), Graphic Design (50211VC303), Basics of Computer (50218VC301) and Environmental Studies (50218VC302).

Discussions:

Course Code	Course Category	Course Name	Changes
50210VC101	Foundation I	Tamil	No changes
50210VC102	Foundation I	Basic Tamil	No changes
50210VC104	Foundation I	Hindi	No changes
50210VC103	Foundation II	General English	No changes
50211VC101	Programme Core I	Visual Communication Concepts and Principles	The BOS members suggested to change Integrated course category, instead of theory course component.
50211VC318	Programme Core II	Visual Literacy	No changes
50211VC303	Programme Core III	Graphic Design	No changes
50218VC301	Ability Enhancement Courses	Basics of Computer	The members of board of study found that the basic of computer course content is obsolete. So due to the reason, the members suggested to offer alternative course such as creative thinking course here.
50218VC302	Ability Enhancement Courses	Environmental Studies	No changes

The members of the BoS approved the curriculum and the syllabus for the other 1st semester courses for B.Sc. Visual Communication.

Action

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda 16 BoS - 09 Discussion on curriculum and 2nd semester syllabus for B.Sc. Visual Communication

The BoS Chairperson discussed the curriculum and the course structure of the 2nd Semester for B. Sc. Visual Communication. The Courses offered in 2nd semester are: Communicative English (5210VC103), Theories of Communication (5211VC104), Elements of film (5211VC105), Drawing II (5211VC304), 2D Design (5211VC305), Photography (5211VC201) and Understanding Gender (5214VC302)

Discussions:

Course Code	Course Category	Course Name	Changes
50210VC105	Foundation III	Communicative English	No changes
50211VC104	Programme Core IV	Theories of Communication	No changes
50211VC105	Programme Core V	Elements of film	No changes
50211VC319	Programme Core VI	Drawing & Illustration	No changes
50211VC320	Programme Core VII	2D Design Application	No changes
50211VC208	Programme Core VIII	Photography	No changes
50214VC303	Ability Enhancement Courses	Understanding Gender	No changes

The members of the BoS approved the curriculum and the syllabus for the other 2nd semester courses for B.Sc. Visual Communication.

Action

The members have noted and moved on to the next agenda.

Minutes of 16ᵗʰ Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29ᵗʰ June 2024.

Agenda 16 BoS - 10 Discussion on curriculum and 3ʳᵈ semester syllabus for B.Sc. Visual Communication

The BoS Chairperson discussed the curriculum and the course structure of the 3ʳᵈ Semester.

The Courses offered in 3ʳᵈ semester are: Advertising (50211VC209), Media Laws and Ethics (50211VC110), Writing for Media (50211VC211), Web Designing (50211VC312), Performing Skills(50213MM101) and Visual Analysis Techniques (50218VC304).

Discussion:

Course Code	Course Category	Course Name	Changes
50211VC209	Programme Core IX	Advertising	No Changes
50211VC110	Programme Core X	Media Laws and Ethics	Dr. M. Shuhaib Mohammed Haneef and Ms. Malini suggested to add AI ethics. In addition, The members suggested to change Integrated course category, instead of theory course component.
50211VC211	Programme Core XI	Writing for Media	No Changes
50211VC312	Programme Core XII	Web Designing	Dr. M. Shuhaib Mohammed Haneef and Ms. Malini suggested to remove the course. Instead of this course, the members suggested to offer UI/UX design as course in the integrated course component.
50213MM101	Open Elective I	Performing Skills	No Changes
50218VC304	Ability Enhancement Courses	Visual Analysis Techniques	No Changes

The members of the BoS approved the curriculum and the syllabus for the other 3ʳᵈ semester courses for B.Sc. Visual Communication.

Action

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda16 BoS - 11   Discussion on curriculum and 4th semester syllabus for B.Sc. Visual Communication

The BoS Chairperson discussed the curriculum and the course structure of the 4th Semester for B. Sc. Visual Communication. The Courses offered in 4th semester are: Script Writing (50211VC313), Digital Marketing(50211VC314), Event Photography(50212VC201), Video Editing(50212VC202), Copy Writing(50212VC203), Visual Effects (50212VC207), Event Management(50213MM102) and Personality Development(50218VC305).

Discussion:

Course Code	Course Category	Course Name	Changes
50211VC313	Programme Core XIII	Script Writing	No Changes
50211VC314	Programme Core XIV	Digital Marketing	No Changes
50212VC201	Programme Elective I & II	Event Photography	No Changes
50212VC202		Video Editing	No Changes
50212VC203		Copy Writing	No changes
50212VC207		Visual Effects	The BOS members Dr. M. Shuhaib Mohammed Haneef, Mr. Venkatesh babu and Ms. Malini suggested to add Visual Effects course in the elective courses category.
50213MM102	Open Elective II	Event Management	No Changes
50218VC305	Ability Enhancement Courses	Personality Development	No Changes

 The members of the BoS approved the curriculum and the syllabus for the other 4th semester courses for B.Sc. Visual Communication.

Action

The members have noted and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda16 BoS – 12　　　　　**Discussion on curriculum and 5th semester syllabus for B.Sc. Visual Communication**

The BoS Chairperson discussed the curriculum and the course structure of the 5th Semester for B. Sc. Visual Communication. The Courses offered in 5th semester are: Television Production(50211VC315), Media Management(50211VC116), Advertising Photography(50212VC204), Sound Design(50212VC205), PR Campaign(50212VC206), E-Content Development(50213MM103) and Portfolio presentation(50218VC306).

Discussions:

Course Code	Course Category	Course Name	Changes
50211VC315	Programme Core XV	Television Production	No Changes
50211VC116	Programme Core XVI	Media Management	No Changes
50212VC204	Programme Elective III & IV	Advertising Photography	No Changes
50212VC205		Sound Design	No changes
50212VC206		PR Campaign	No changes
50213MM103	Open Elective III	E-Content Development	The BOS members Dr. M. Shuhaib Mohammed Haneef and Ms. Malini suggested to offer E-content development course in the practical course category, instead of theory course component.
50218VC306	Ability Enhancement Courses	Portfolio Presentation	No changes

The members of the BoS approved the curriculum and the syllabus for the other 5th semester courses for B.Sc. Visual Communication.

Action

The members have noted the changes and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda16 BoS – 13 Discussion on course work syllabus for Ph.D. Media and Communication

The BoS Chairperson discussed the curriculum and the course structure of course work syllabus for PhD Media and Communication.

The course work syllabuses are Research Methodology (40210MC101), Research and Publication Ethics (40210MC102), Advertising (40211MC101), Journalism (40211MC102), Film Studies (40211MC103), Development Communication (40211MC104), Media Effects (40211MC105), Visual Culture (40211MC106), Game Studies (40211MC107), New Media (40211MC108) and Television Studies (40211MC109).

Discussions:

S. No	Course Code	Course Category	Course Name	Changes
1	40210MC101	Foundation	Research Methodology	Approved
2	40210MC102	Foundation	Research and Publication Ethics	Approved
3	40211MC101	Programme Core	Advertising	Approved
4	40211MC102	Programme Core	Journalism	Approved
5	40211MC103	Programme Core	Film Studies	Approved
6	40211MC104	Programme Core	Development Communication	Approved
7	40211MC105	Programme Core	Media Effects	Approved
8	40211MC106	Programme Core	Visual Culture	Approved
9	40211MC107	Programme Core	Game Studies	Approved
10	40211MC108	Programme Core	New Media	Approved
11	40211MC109	Programme Core	Television Studies	Approved

Action

The members of the BoS approved to the PhD course curriculum, course structure & course work syllabus and moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda16 BoS – 14 Discussion on research paper publication in UGC care listed Journals

The BoS Chairperson discussed about research paper publication in UGC care listed journals an exemption of Scopus publication. The chair person is explained to the BOS members; due to limited Scopus publication is available in media and communication domain. In this regard, our faculty members and PhD research scholars allow to publish their research work in UGC care listed Journals, exemption from Scopus publication.

Action

The members of the BoS accepted and approved to publish research papers in UGC care listed journals for media and communication faculty members and PhD research scholars. Then, the members moved on to the next agenda.

Minutes of 16th Board of Studies - B.Sc. (Visual Communication) , B.Sc. (Multimedia) & Ph.D. (Media and Communication)
School of Media Technology & Communication,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
29th June 2024.

Agenda16 BoS – 15 any other items

1. The chairperson discussed with BOS members to organize one week faculty development programme in the academic year AY 2024-25.

Discussions:

The BOS External members accepted to organize the faculty development programme. In addition, the members discussed about faculty development programme topic and collaboration with other institutions.

Action:

The BoS Chairperson has assured to include the suggestions as recommended and appropriate.
As there were no further points for discussion, the meeting ended with vote of thanks.

Date: 29th June 2024   **Chairman – BOS**

Appendix F

Board of Studies - B.Com., & B.B.A.

SCHOOL OF MANAGEMENT
[SoM]

DEPARTMENT OF COMMERCE AND BUSINESS ADMINISTRATION

4th BOARD OF STUDIES

FOR

BACHELOR OF COMMERCE AND BUSINESS ADMINISTRATION

(B.Com & B.B.A)

on

28th June, 2024

SCHOOL OF MANAGEMENT
[SoM]

Department of Commerce and Business Administration

4th Board of Studies

Members of the Board of Studies for the Department of Commerce and Business Administration held their meeting on 28th June, 2024 (Friday) at 10:30 a.m. onwards at our premises.
Venue: Block 35 Seminar Hall.

BoS Members

S.No.	Name of the Member	Designation	Signature
1	Dr. J.Sridevi, Head, Department of Commerce and Business Administration, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai Mobile: +91 733892461 E-mail: hodcba@veltech.edu.in	Chairman, Board of Studies	
	External Experts		
2	Dr. J.Arul Suresh, Associate Professor, Department of Commerce, Loyola College, Chennai, 60004. Mobile: +91 9884855522 E-mail:jaruluresh@gmail.com	Academic Expert	
3	Ms. Angel Edzoe, CEO, Edzone Company, Mylapore, Chennai, Mobile: +91 9566141577 E-mail:angelineindira@ezone.com	Industrial Expert	
4	Ms. Pooja Bishoyi, Executive HR, Revone HR Consulting Services Pvt. Ltd., Chennai. Mobile: +91 94980024 E-mail:pooja.bishoyi710@gmail.com	Alumni	
	Internal Experts		
5	Prof. Dr.M.S.R.Mariyappan, Dean, School of Management, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai, 600062. Mobile: +91 9994919597	Internal Member	

	E-mail: deansomgt@veltech.edu.in		
6	Dr.C.Vijai, Associate Professor, Department of Commerce and Business Administration, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai,600062. Mobile: +91 9600582848 E-mail: drvijai@veltech.edu.in	Internal Member	
7	Dr.G.Chandramouleeswaran, Assistant Professor, Department of Commerce and Business Administration. Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai,600062. Mobile: +91 90074424 E-mail: drchandramowleeswaran@veltech.edu.in	Internal Member	
8	Dr.M.Karthikeyan. Assistant Professor, Department of Commerce and Business Administration. Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai,600062. Mobile: 978868586 E-mail: drkarthikm@veltech.edu.in	Special Invitee	
9	Dr.Vimala Devi.S Assistant Professor, Department of Commerce and Business Administration. Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai,600062. Mobile: 7299948652 E-mail: drvimaladevis@veltech.edu.in	Special Invitee	

Department of Commerce and Business Administration

4th Board of Studies Meeting – Agenda

Date: 28.06.2024   **Time:10.30 am**

Agenda	Items for Confirmation
	Invocation
4 BoS 01	Presentation about the department.
4 BoS 02	To Confirm the minutes of meeting of the 3rd BoS held on 01.12.2023.
4 BoS 03	Action taken report on minutes of 3rd BoS meeting.
4 BoS 04	To record leave of absence of members

Agenda	Items for Consideration and Approval
4 BoS 05	To discuss and approve B.Com. Programme (General / Corporate Secretaryship / Accounting and Finance / Professional Accounting) **Course Contents update for the V Semester** under Regulations VTR UGAS-2021, (For Batch: 2022-2025/ Academic Year: 2024-2025).
4 BoS 06	To approve B.Com. Programme (General / Corporate Secretaryship /Accounting and Finance/ Professional Accounting/ Computer Applications) **Course Contents update for III Semester** under Regulations VTR UGAS-2021. (For Batch: 2023-2026/ Academic Year: 2024-2025).
4 BoS 07	To approve B.Com. Programme (General / Corporate Secretaryship /Accounting and Finance / Professional Accounting/ Computer Applications) **Course Contents update for I Semester** under Regulations VTR UGAS-2021. (For Batch: 2024-2027/ Academic Year: 2024-2025).
4 BoS 08	To discuss and approve B.B.A. Programme (Human Resource/ Finance/ Marketing/ System) **Course Contents update for the V Semester** under Regulations VTR UGAS-2021, (For Batch: 2022-2025 / Academic Year: 2024-2025).
4 BoS 09	To approve B.B.A. Programme (Human Resource/ Finance/ Marketing/ System/ Entrepreneurship) **Course Contents update for III Semester** under Regulations VTR UGAS-2021. (For Batch: 2023-2026 / Academic Year: 2024-2025).
4 BoS 10	To approve B.B.A Programme (Human Resource/ Finance/ Marketing/ System/ Entrepreneurship) **Course Contents update For I Semester** under Regulations VTR UGAS-2021. (For Batch: 2024-2027 / Academic Year: 2024-2025).
4 BoS 11	To discuss New **Regulations** VTRUGAS-2025 for All Programmes of this Department from the Academic Year: 2025-2026.
4 BoS 12	To discuss the model curriculum for B.B.A. programme provided by AICTE from the academic year 2025 – 26.
4 BoS 13	To discuss and approve the commerce related courses available in Massive Open Online Courses (MOOC) for the Engineering Students as open electives.

4 BoS 14	To discuss the proposed curriculum design for the upcoming academic year to be framed according to NEP 2020
4 BoS 15	**To Discuss on Curriculum framework for Ph.D programme from the academic year 2024-2025**
	ITEMS FOR REPORTING AND RECORDING
4 BoS 16	Admission of B.Com and BBA for the academic year 2024-25
4 BoS 17	Programme conducted /Faculty and students achievements
4 BoS 18	Other items

Minutes of Board of Studies for UG –Bachelor of Commerce and Business Administration meeting held on 28th June 2024 at 10.30 am in the Seminar Hall, Block 35, Dept of CBA.

Date: 28.06.2024   **Time:10.30 am**

Agenda	Items for Confirmation
	Invocation
4 BoS 01	Presentation about the department.
4 BoS 02	To Confirm the minutes of meeting of the 3rd BoS held on 01.12.2023.
4 BoS 03	Action taken report on minutes of 3rd BoS meeting.
4 BoS 04	To record leave of absence of members

Agenda	Items for Consideration and Approval	
4 BoS 05	**V Semester – Regulations UGAS 2021** **To discuss and approve B.Com. Programme for Batch: 2022-2025 /Academic Year: 2024-2025**. The syllabi was passed without changes.	Approved
4 BoS 06	**III Semester – Regulations UGAS 2021** **To discuss and approve B.Com. Programme for Batch: 2022-2025 For Batch: 2023-2026/ Academic Year: 2024-2025**. The syllabi was passed without changes	Approved
4 BoS 07	**I Semester– Regulations UGAS 2021** **To approve B.Com. Programme For Batch: 2024-2027/ Academic Year: 2024-2025** The syllabi was passed without changes	Approved
4 BoS 08	**V Semester – Regulations UGAS 2021** **To discuss and approve B.B.A Programme for Batch: 2022-2025 /Academic Year: 2024-2025**. The syllabi was passed without changes.	Approved
4 BoS 09	**III Semester – Regulations UGAS 2021** **To discuss and approve B.B.A Programme for Batch: 2022-2025 For Batch: 2023-2026/ Academic Year: 2024-2025**. The syllabi was passed without changes	Approved

4 BoS 10	**I Semester– Regulations UGAS 2021** **To approve B.Com. Programme For Batch: 2024-2027/ Academic Year: 2024-2025** The syllabi was passed without changes	Approved
4 BoS 11	**Discussion of New Regulations VTRUGAS-2025 for the Academic Year: 2025-2026.**	Approved
4 BoS 12	**Discussion on model curriculum for B.B.A. programme provided by AICTE from the academic year 2025 –2026.** New model curriculum and the course structure of BBA as per AICTE was discussed and approved.	Approved
4 BoS 13	**Discussion on commerce related courses available in Massive Open Online Courses (MOOC) for the Engineering Students as open electives.** Moot courses should be made compulsory atleast one per semester for both the students and faculty.	Approved
4 BoS 14	**Discussion on proposed curriculum design for the upcoming academic year to be framed according to NEP 2020**	Approved
4 BoS 15	**Discussion on Curriculum framework for Ph.D programme from the academic year 2024-2025**	Approved
	ITEMS FOR REPORTING AND RECORDING	
4 BoS 16	**Admission of B.Com and BBA for the academic year 2024-25** B.Com 420 seats and BBA 70 seats are filled.	Approved
4 BoS 17	**Programme conducted /Faculty and students achievements** 2nd International Conference and Intecollegiate meet was conducted. Clubactivities, guest lectures and seminars conducted also presented.	Approved
4 BoS 18	**Other items** 1. Experts suggested ALM should include atleast one in a week for every course. 2. It is proposed to constitute new BoS members for the next meeting.	Approved

The BoS resolved to recommend to Academic Council for the approval proposed by the committee members.

Meeting ended with vote of thanks to the chair.

Appendix G

Board of Studies - Department of English

SCHOOL OF SCIENCES AND HUMANITIES

DEPARTMENT OF ENGLISH

5TH BOARD OF STUDIES MEETING

Held on
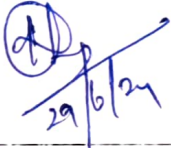
29.06.2024

Academic Year 2023-2024

SCHOOL OF SCIENCES AND HUMANITIES

DEPARTMENT OF ENGLISH

5TH BOARD OF STUDIES MEETING

Held on

29.06.2024

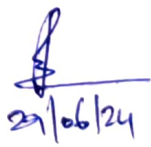## Academic Year 2023-2024

School of Sciences and Humanities

Department of English

5th Board of Studies Meeting on 29.06.2024

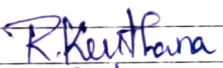| S.NO.	NAME	DESIGNATION	SIGNATURE
1	Dr. P. Revathi Assistant Professor and Head, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Chairman, Board of Studies	
2	Dr. J. Mangayarkarasi Dean of Academic Affairs & Head, PG and Research Department of English, Ethiraj College for Women, Chennai	Academic Expert	
3	Mr. L. Dhanasekaran Senior Manager Exams Business Development British Council Education Private Limited New Delhi	Industry Expert	
4	Dr. Udhaya Kumar. R Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	
5	Dr. Prakash A Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	

6	Dr. Murugavel. S Assistant Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	
7	Dr.M.Vinoth Kumar Assistant Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	
8	Dr. A. Rajeswari Assistant Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	
Alumni			
1	Ms. R. Keerthana	Alumni – PG	
2	Mr. S. Parthasarathy	Alumni – PG	

Head of the Department
English

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 8 of UGC Act, 1956)

SCHOOL OF SCIENCES AND HUMANITIES
DEPARTMENT OF ENGLISH

Minutes of the 5th Board of Studies meeting held on 29th June 2024

The 5th Board of Studies was held in the Language Lab (9103), Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai from 10.30 a.m. to 12.30 p.m. and the following members were present during the meeting:

Chairman:

Dr Revathi P, Assistant Professor and Head, Department of English, School of Sciences and Humanities, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology, Chennai.

Academic Expert (External):

Dr. J. Mangayarkarasi, Dean of Academic Affairs & Head, PG and Research Department of English, Ethiraj College for Women, Chennai.

Industry Expert (External):

Mr. L. Dhanasekaran, Senior Manager, Exams Business Development, British Council Education Private Limited, New Delhi.

Internal Members:

1. Dr. R. Udhayakumar, Professor, Department of English, VTU, Chennai.

2. Dr. A Prakash, Professor, Department of English, VTU, Chennai.

3. Dr. Murugavel. S, Assistant Professor, Department of English, VTU, Chennai.

4. Dr. M. Vinoth Kumar, Assistant Professor, Department of English, VTU, Chennai.

5. Dr. A. Rajeswari, Assistant Professor, Department of English, VTU, Chennai.

Alumni Present:

1. R. Keerthana
2. S. Parthasarathy

Others Present:

1. Dr. A. Manikandan, Assistant Professor, Department of English, VTU, Chennai.
2. Dr. G. Yamini, Assistant Professor, Department of English, VTU, Chennai
3. Dr. B. Bairavi, Assistant Professor, Department of English, VTU, Chennai
4. Dr. A. Rajeswari, Assistant Professor, Department of English, VTU, Chennai.
5. Dr. C. Tharini, Assistant Professor, Department of English, VTU, Chennai.
6. Dr. J. Jesintha Princy, Assistant Professor, Department of English, VTU, Chennai.
7. Dr. V.R. Yasu Bharathi, Assistant Professor, Department of English, VTU, Chennai.
8. Dr. S. Sweetline, Assistant Professor, Department of English, VTU, Chennai.
9. Ms. Crispin Antonieta Dhivya, Assistant Professor, Department of English, VTU, Chennai.
10. Ms. M.C. Priyadharshini, Assistant Professor, Department of English, VTU, Chennai.

The Agenda of the 5th BoS

The following is the agenda of the 5th BoS:

S. NO.	AGENDA NO.	AGENDA
1	05BoS-01	Welcome Address by the Chairman of the Board of Studies
2	05BoS-02	Discussion on the Courses offered – B.Tech. – Professional Communication I (10210EN201) & Professional Communication II (10210EN202)
3	05BoS-03	Discussion on the existing syllabus – PG Syllabus
4	05BoS-04	Discussion on PG Open Elective
5	05BoS-05	To ratify subject code for PG and UG Open Elective Courses
6	05BoS-06	Discussion on the proposed evaluation pattern for Professional Communication II
7	05BoS-07	Others
8	05BoS-08	Vote of Thanks

Agenda 05BoS – 01: Welcome Address by the Chairperson of the Board of Studies

Dr Revathi P, Head of the Department & Chairman of the Board of Studies, School of Sciences and Humanities welcomed the external & internal members and others present for the 5th Board of Studies Meeting.

Discussion: The Chairman conveyed the academic success of the Professional Communicaion II (10210EN202) course provided by the Department of English within the School of Science and Humanities to the External Members. The Chairman gave a brief presentation on the academic function and handed over the session to the UG Course Coordinator, Dr M. Vinoth Kumar, Internal Member of the Board of Studies.

Action: The Academic and Industry Experts (External members) expressed their gratitude and requested to move on to the further agenda.

Agenda 05BoS- 02: Discussion on the Courses offered – B.Tech. – Professional Communication I (10210EN201) & Professional Communication II (10210EN202)

Discussion: Dr. M. Vinoth Kumar, a Member of the Board of Studies briefly discussed on Foundation courses offered by the Department of English under Freshmen Engineering in the Summer and Winter Semesters – Professional Communication I (10210EN201) and Professional Communication II (10210EN202) respectively.

Action: The External Members carefully have gone through the courses offered and understood the operative nature of the same.

Agenda 05BoS- 03: Discussion on the existing syllabus – PG Syllabus

Discussion: The existing syllabus of PG courses offered by the Department and their respective credits in alignment with the regulation were discussed in detail in order to give clarity on how the course and the papers offered help in catering to the needs of the M.A. English students in terms of Language, Literature, Culture Studies, Life Skills and Open Elective subjects. The components of each paper, its course outcomes and the corresponding knowledge levels were explained.

Action: The External Members paid keen attention to the Course components, Course Outcomes and their corresponding knowledge levels. They understood the nuances of the papers offered and their syllabi.

Agenda 05BoS – 04: Discussion on PG Open Elective

Discussion: The difficulties faced by the students in completing Open elective courses in online mode and the necessity for introducing Open Elective Courses in offline mode were put forward to the notice of the external experts. It was also brought to their knowledge that we already had a meeting regarding this with our Dean, Academics where he agreed to proceed further on approval from the BoS Experts to make the course credibility more effective.

Action: The proposal for introducing Open Elective Courses in offline mode was accepted and approved by the external members of the committee. The external experts also suggested collaborating with industry professionals by giving practical sessions on interview skills. The internal members found the suggestion to be valid.

Agenda 05BoS – 05: To Ratify Course Code for PG and UG Open Elective Courses

Discussion: A detailed presentation on the ratification of course code for a few Open Elective Courses to be provided for our PG and UG – Higher semester students was made. The following courses were ratified:

1. PG - 91233EN101 – Interview Skills – 3 Credits

2. UG – Higher Semester – 10213EN105 – Academic Writing – 2 Credits

3. UG – Higher Semester – 10213EN106 – Effective Group Discussion – 2 Credits

Action: Observing keenly to the course contents and the ratification processes, the BoS Experts approved the ratification of course codes of the papers proposed under 'Open Elective Courses' category for our PG and UG – Higher semester students.

Agenda 05BoS – 06: Discussion on the Proposed Evaluation Pattern for Professional Communication II

Discussion: The proposed change in the evaluation pattern comprising two mid-term tests and an End Semester exam were presented to the members of the Board of Studies. A detailed explanation on the marks distribution, weightage and priority of the course components and the internal and external marks calculations were presented. A few minor changes in the syllabus pertaining to the Listening component were presented as well.

Existing	Proposed
Internal	**Internal**
	Mid Term Test I
Speaking Assessment I & II – 20 marks	Grammar - 5 marks
	Vocabulary - 5 marks
Listening Assessment I & II – 20 marks	Speaking Assessment - 10 marks
	Listening Assessment - 10 marks
	Total - 30 marks
Internal Calculation 20+20 = 40 marks	
	Mid Term Test II
	Grammar - 5 marks
	Vocabulary - 5 marks
	Reading - 10 marks
	Writing - 10 marks
	Total - 30 marks
External	
	Internal Calculation - 60/3*2 =40 marks.
Theory Examination – 60 marks	
	External
	Theory Examination – 60 marks

Existing

10210EN202-Professional Communication II

Syllabus

Unit I

Grammar	Voices
Vocabulary	Homophones/ Homonyms
Writing	Instructions /Recommendations
Listening	Conversation between two employees, Welcome speech
Reading	Netflix an article, Feedback on conferences
Speaking	Introducing others, Extempore speech

Unit II

Grammar	Framing Questions
Vocabulary	Logical sequence of words- Jumbled Sentence
Writing	Report Writing - Business Report
Listening	An interview with someone who has changed career, Corporate gift giving
Reading	Career advice, Promotional Gifts an article
Speaking	Role play Interviewing someone about a job change

Unit III

Grammar	Articles
Vocabulary	Verbal Analogies
Writing	Email Writing
Listening	Creating good teams A presentation and short extracts
Reading	Team building events and Global HR management an article
Speaking	Debate

Unit IV

Grammar	Collocations
Vocabulary	Business Vocabulary
Writing	Process Description
Listening	Statistical information and an interview with the employee
Reading	Interpreting bar charts and Café coffee day an article
Speaking	Telephone Conversation

Unit V

Grammar	Changing words from one form to another
Vocabulary	One word Substitute
Writing	Job Application Letter & Resume Writing
Listening	An Interview with investor relations and radio interview
Reading	Share and Stock exchange , Reading and comparing articles
Speaking	Mock interview, Online Interview

Proposed Modification

Syllabus

Unit I

Grammar	Voices
Vocabulary	Homophones/ Homonyms
Writing	Instructions /Recommendations
Listening	Introduction: Active vs. Passive Listening
Reading	Netflix an article, Feedback on conferences
Speaking	Introducing others, Extempore speech

Unit II

Grammar	Framing Questions
Vocabulary	Logical sequence of words- Jumbled Sentence
Writing	Report Writing - Business Report
Listening	The 5 stages of Listening: Receiving, Understanding, Evaluating, Remembering and Responding
Reading	Career advice, Promotional Gifts an article
Speaking	Role play Interviewing someone about a job change

Unit III

Grammar	Articles
Vocabulary	Verbal Analogies
Writing	Email Writing
Listening	Listening to an Interview
Reading	Team building events and Global HR management an article
Speaking	Debate

Unit IV

Grammar	Collocations
Vocabulary	Business Vocabulary
Writing	Process Description
Listening	Listening to Online Lectures
Reading	Interpreting bar charts and Cafe coffee day an article
Speaking	Telephone Conversation

Unit V

Grammar	Changing words from one form to another
Vocabulary	One word Substitute
Writing	Job Application Letter & Resume Writing
Listening	Listening to FM/TV/Stand-up shows
Reading	Share and Stock exchange , Reading and comparing articles
Speaking	Mock interview, Online Interview

Action: The External members approved the proposed evaluation pattern that was framed as per the institution's regulation also the proposed modifications in the syllabus of the B.Tech. – Foundation Course – Professional Communication II (10210EN202)

Agenda 05BoS – 07: Others

Discussion: 4 Ph.D. Coursework Papers were introduced and presented in detail before the Academic Expert for approval for which the Ph.D. scholars are supposed to take their course work in the following semester. The following are the papers proposed by the board.

S.NO	Course Name	Comments
1	Intersectional Perspectives: Exploring Disability and Queerness	The Members have gone through the syllabus and approved it.
2	Social Psychology	The Members have gone through the syllabus and approved it. They suggested instructing the student to focus more on the research methodology appropriate to the area of study.
3	Mythological Retellings	The Members have gone through the syllabus and approved it. They suggested instructing the student to develop a strong foundation on different mythologies before proceeding with the research.
4	Sports Narratives: Form, Function and Narratology	The Members have gone through the syllabus and approved it. They suggested instructing the student to focus on the research methodology.

Action: The Academic experts carefully examined the syllabi and found the syllabi to be prompt and sufficing. Common instructions on finding appropriate research methodology and doing an extensive study on the texts taken in order to carry out a lucid research were given by the experts. The board agreed to follow the instructions.

Dr. A. Rajeswari, an internal member from the Board of Studies proposed the vote of thanks and the meeting came to an end.
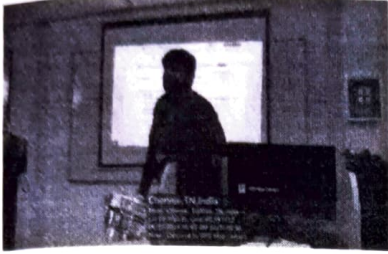
Date: 29.06.2024

Chairman – BoS
Head of the Department
English

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

Meeting Photos

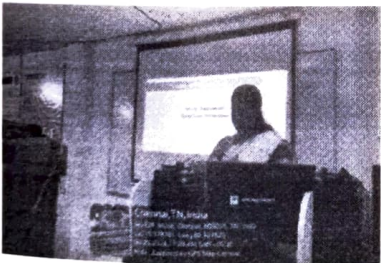Dr. M. Vinoth Kumar – Presenting the sides

Faculty attending the meeting

Faculty attending the meeting

BoS members attending the meeting

Dr. A. Rajeswari proposing Vote of Thanks

Alumni Feedback

BOS Members

BoS Members and Alumni

Dept. Faculty with BoS Experts

Appendix H

Board of Studies - Department of Mathematics

SCHOOL OF SCIENCES AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Academic Year 2024-25

SEVENTH BOARD OF STUDIES

Minutes of the Meeting

on

19.06.2024

SCHOOL OF SCIENCES AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Seventh Board of Studies Meeting

(19-06-2024)

SCHOOL OF SCIENCES AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Seventh Board of Studies Meeting

(19-06-2024)

MEMBERS OF THE BOARD OF STUDIES

Sl. No.	Name, Designation and Organization
Chairman	
1.	**Dr. J. Viswanath** Professor and Head, Department of Mathematics, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-62. **Email** : jviswanath@veltech.edu.in **Mobile :** 9884809168
External Experts	
2.	**Dr. D. Arivudainambi** Professor, Department of Mathematics, Anna University, Chennai-600025 Email id : arivu@annauniv.edu Mobile No:9884062624
3.	**Dr. Bapuji Pullepu** Associate Professor Department of Mathematics SRM Institute of Science and Technology Kattankulathur-603203 Tamilnadu, India Email id : bapujip@srmist.edu.in Mobile No: 9840045443
Sl. No.	Name, Designation and Organization
Internal Experts	
4.	**Dr. E. Chandrasekaran** Professor, Department of Mathematics, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-62. **Email** : drchandrasekarane@veltech.edu.in **Mobile :** 9444821368
5.	**Dr. T. Gunasekar** Professor, Department of Mathematics, Vel Tech. Email id: gunasekar.t@veltech.edu.in Mobile No. 9543343390

6.	**Dr. J. Naresh Kumar** Associate Professor, Department of Mathematics, Vel Tech. Email id: jnareshkumar@veltech.edu.in Mobile No. 9894809569
7.	**Dr. A. Meenakshi** Associate Professor, Department of Mathematics, Vel Tech. Email id: drameenakshi@veltech.edu.in Mobile No. 9940070544
8.	**Dr. R. Narmada Devi** Associate Professor, Department of Mathematics, Vel Tech. Email id: drrnarmadadevi@veltech.edu.in Mobile No. 8870122446

MEMBERS OF THE BOARD OF STUDIES

Sl. No.	Name, Designation and Organization	
Chairman		**Signature**
1.	**Dr. J. Viswanath** Professor and Head, Department of Mathematics, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-62. **Email** : jviswanath@veltech.edu.in **Mobile :** 9884809168	
External Experts		**Signature**
2.	**Dr. D. Arivudainambi** Professor, Department of Mathematics, Anna University, Chennai-600025 Email id : arivu@annauniv.edu Mobile No:9884062624	
3.	**Dr. Bapuji Pullepu** Associate Professor Department of Mathematics SRM Institute of Science and Technology Kattankulathur-603203 Tamilnadu, India Email id : bapujip@srmist.edu.in Mobile No: 9840045443	
Sl. No.	**Name, Designation and Organization**	
Internal Experts		**Signature**
4.	**Dr. E. Chandrasekaran** Professor, Department of Mathematics, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-62. **Email** : drchandrasekarane@veltech.edu.in **Mobile :** 9444821368	

5.	**Dr. T. Gunasekar** Professor, Department of Mathematics, Vel Tech. Email id: gunasekar.t@veltech.edu.in Mobile No. 9543343390	
6.	**Dr. J. Naresh Kumar** Associate Professor, Department of Mathematics, Vel Tech. Email id: jnareshkumar@veltech.edu.in Mobile No. 9894809569	
7.	**Dr. A. Meenakshi** Associate Professor, Department of Mathematics, Vel Tech. Email id: drameenakshi@veltech.edu.in Mobile No. 9940070544	
8.	**Dr. R. Narmada Devi** Associate Professor, Department of Mathematics, Vel Tech. Email id: drrnarmadadevi@veltech.edu.in Mobile No. 8870122446	

School of Sciences and Humanities

Department of Mathematics

Minutes of the Seventh Board of Studies meeting held on 19th June 2024

The Seventh Board of Studies was held in MSc class (Room No: 24312) between 10.00 am and 1.00 pm and the following members were present during the meeting:

Chairman

Dr. J. Viswanath Professor& Head, Department of Mathematics,

School of Sciences and Humanities.

Academic Experts

Dr.D. Arivudainambi, Professor, Department of Mathematics, Anna University, Chennai.

Dr.Bapuji Pullepu, Associate Professor, Department of Mathematics,

SRM Institute of Science and Technology, Kattankulathur, Chennai.

Internal Members

Dr. E. Chandrasekaran, Professor, Department of Mathematics.

Dr.T. Gunasekar, Professor, Department of Mathematics.

Dr.J. Naresh Kumar, Associate Professor, Department of Mathematics.

Dr.A. Meenakshi, Associate Professor, Department of Mathematics.

Dr. R. Narmada Devi, Associate Professor, Department of Mathematics.

Special Invitees

Dr.V. Sundarapandian, Professor, Department of Mathematics.
Dr.M. L. Suresh, Professor, Department of Mathematics.
Dr.N. Kalaivani, Professor, Department of Mathematics

Dr. J. Viswanath, Head, Department of Mathematics & Chairman of the Board of Studies welcomed the members and outlined the objectives of the meeting.

Agenda No.	Agenda
07BoS-01	Presentation by Chairman - Board of Studies.
07BoS-02	**Courses for discussion and approval:**
	Programme Elective
	1. Differential Topology. **2.** Applied Statistics
07BoS-03	**Course for discussion and approval:**
	Programme Elective (Specialized Course)
	1. Cryptography and Network Security
07BoS-04	**Course for discussion and approval:**
	Open Elective – NPTEL/SWAYAM courses.
	1. Mathematics for Machine Learning **2.** Mathematics for Economics. **3.** Probability theory for Data Science.
07BoS-05	Any other items.

07BoS–01: Presentation by Chairman Board of Studies

The Chairman welcomed the members and outlined the objectives of the meeting.

The Chairman presented the academic progress of the post and under graduate programmes offered in the Department of Mathematics, School of Sciences and Humanities in the form of power point presentation.

Discussion:

The External members appreciated the progress.
Action:

The members moved on to the next agenda.

07BoS–02: Courses for discussion:

Programme Elective (3 credit)

1) Differential Topology.
2) Applied Statistics.

Members discussed the program elective courses to be offered for the PG students.
(i)   No changes in the course 'Differential Topology'
(ii)   Members recommended that instead of offering a three credit program elective course "Mathematical Statistics", they recommended to offer the integrated three credit program elective course "Applied Statistics" to get programming knowledge in various statistical measures.

Members approved the course Differential Topology and the integrated program elective course Applied Statistics with the following minor changes.

- Suggested to remove the topic "Operations Research" from course educational objective.
- Suggested to remove the content 'Logit and probit models. Learning Resources' from fifth unit and repetition of ANOVA.

07BoS–03: Courses for discussion:

Programme Elective (Specialized Course) (3 credit)

(1) Cryptography and Network Security

Members approved the program elective (specialized course) for the research scholars and moved onto the next agenda.

07BoS–04: Courses for discussion:

Open Elective (3 credit) NPTEL/SWAYAM Courses:

1) Mathematics for Machine Learning
2) Mathematics for Economics.
3) Probability theory for Data Science.

Members discussed the open elective courses to be offered for the UG students.
No changes in all the open elective online courses and suggested that since all the courses are three credit, it has to be completed in twelve weeks of time as per the norms of NPTEL.

Members approved all the open elective courses without any changes.

07BoS-05: Other items

Date: 24-06-2024   **Chairman –BOS**

Appendix I

Board of Studies - Department of Physics

Vel Tech

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

SCHOOL OF SCIENCE & HUMANITIES

DEPARTMENT OF PHYSICS

6th BOARD OF STUDIES MEETING

For

Academic Year 2024-25

Physics (M.Sc. & FME) Curriculum & Syllabus

on

26.06.2024

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

School of Science & Humanities

Department of Physics

Minutes of the 6ᵗʰ Board of Studies Meeting held on 26ᵗʰ June 2024

The 6ᵗʰ Board of Studies - Physics was held in offline between 11 AM and 2 PM and the following members were present during the meeting:

Chairman:

Dr. D. Senthilkumar,
Associate Professor & Head, Department of Physics, School of Science & Humanities (S&H),
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (Vel Tech),
Avadi, Chennai 600 062.

External Academic Expert:

Dr. R. Mohan Kumar,
Associate Professor, Department of Physics, Presidency College, Chennai.

External Research Expert:

Dr. M. Arivanandhan,
Professor, Centre for Nanoscience and Technology, Anna University, Chennai.

Internal Members:

Dr. S. Mani Naidu, Professor, Department of Physics, S&H, Vel Tech.
Dr. R. Gowri Shankar Rao, Professor, Department of Physics, S&H, Vel Tech.
Dr. J. Gajendiran, Associate Professor, Department of Physics, S&H, Vel Tech.
Dr. Parthasaradhi Reddy, Associate Professor, Department of Physics, S&H, Vel Tech.
Dr. Pradeep Reddy Vanga, Assistant Professor, Department of Physics, S&H, Vel Tech.
Ms. Saraswathi Bhaskar, Alumni Representative, M.Sc. Physics (Batch of 2020-22), Vel Tech.

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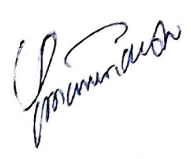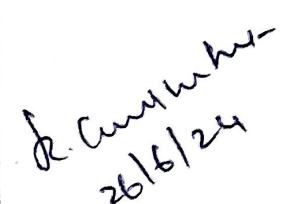
School of Science and Humanities
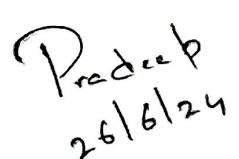
Department of Physics

6th Board of Studies Meeting

(26th June 2024)

MEMBERS OF THE BOARD OF STUDIES

S.No.	Name of the Member with Designation and Organization	Signature
Chairman, Board of Studies		
1	**Dr. D. Senthilkumar,** Associate Professor & Head, Department of Physics, School of Science and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600 062.	
External Academic Expert		
2	**Dr. R. Mohan Kumar,** Associate Professor, Department of Physics, Presidency College, Chennai 600 005.	26/6/24
External Research Expert		
3	**Dr. M. Arivanandhan,** Professor, Centre for Nanoscience and Technology, Anna University, Chennai 600 025.	26/6/24

Internal Experts

4	**Dr. S. Mani Naidu,** Professor, Department of Physics, School of Science and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600 062.	
5	**Dr. R. Gowri Shankar Rao,** Associate Professor, Department of Physics, School of Science and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600 062.	
6	**Dr. J. Gajendiran,** Associate Professor, Department of Physics, School of Science and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600 062.	
7	**Dr. Parthasaradhi Reddy,** Associate Professor, Department of Physics, School of Science and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600 062.	
8	**Dr. Pradeep Reddy Vanga,** Assistant Professor, Department of Physics, School of Science and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600 062.	
9	**Ms. Saraswathi Bhaskar,** VtP 2763, Alumni Representative, M.Sc. Physics (Batch of 2020-22), Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600 062.	

The agenda of the 5th BoS meeting is as follows:

Agenda No.	Particulars
06 BoS - 01	Welcoming the Board of Studies (BoS) members by the BoS Chairman.
06 BoS - 02	Presentation by the Chairman, BoS.
06 BoS - 03	Discussion on the Syllabi refinement/revision in the Laboratory course for the M.Sc. Physics program under VTR PGAS - 2023 regulation.
06 BoS - 04	Ratification and Approval of new NPTEL courses under program elective category for the M.Sc. Physics program for VTR PGAS - 2023 regulation. **NPTEL Courses:** Course-1: Introduction to Polymer Physics (offered by IIT Roorke). Course-2: Physics of Renewable Energy Systems (offered by IIT Kharagpur). Course-3: Fundamentals of Engineering Physics (offered by NIT Raipur).
06 BoS - 05	Recommendation of a 30 hours institute elective course for FME and M.Sc. Physics programs. **Course 1:** Energy Physics Recommendation of a 30 hours institute elective course for FME program under VTR UGE - 2021 regulation. **Course 2:** Food Physics and Technology Recommendation of a 30 hours institute elective course for M.Sc. program under VTR PGAS - 2023 regulation. **Course 3:** Communication Skills Recommendation of a 30 hours institute elective course for M.Sc. Physics under VTR PGAS - 2023 regulation.
06 BoS - 06	Any other items.

Agenda 06 BoS - 01: Welcome Address by the Chairman, BoS.
The Chairman, BoS welcomed the BoS members for the 6th BoS meeting.

Agenda 06 BoS - 02: Presentation by the Chairman, Board of Studies (BoS)
The BoS Chairman presented the academic progress of the M.Sc. Physics program and FME courses offered in the Department of Physics, School of Science & Humanities in the form of a PowerPoint presentation.

Discussion: The External members appreciated the progress.

Action: The members moved on to the next agenda.

Agenda 06 BoS – 03: Discussion on the Syllabi refinement/revision in the Laboratory course for the M.Sc. Physics program under VTR PGAS - 2023 regulation.

Proposed Refinement/revision in the Laboratory course for M. Sc. Physics course

S. No.	Course Name	Proposal
1	**Advanced Physics Laboratory-II** *(For M.Sc. Physics program under VTR PGAS - 2023 regulation)*	Inclusion of the experiment '8085 ASM Program to run the stepper motor in both forward and reverse directions with delay' in Advanced Physics Laboratory-II

Discussion: The members of the BoS ratified and approved the revised syllabi for the proposed course. The external experts' recommendations with remarks in the syllabi are as follows:

Recommendations and remarks of the External experts on the proposed courses

S. No.	Course Name	Remarks
1	**Advanced Physics Laboratory-II** *(For M.Sc. Physics program under VTR PGAS - 2023 regulation)*	Replace the experiment "Logic Gates - Study of Flip-Flop using NAND gates and IC's" with "8085 ASM Program to run the stepper motor in both forward and reverse directions with delay".

Action: The suggestions of the experts were incorporated. The members moved on to the next agenda.

Agenda 06 BoS - 04: Ratification and Approval of new NPTEL courses for the M.Sc. Physics program under VTR PGAS - 2023 regulations.

NPTEL Course list:
1. Introduction to Polymer Physics (offered by IIT Roorke).
2. Physics of Renewable Energy Systems (offered by IIT Kharagpur).
3. Fundamentals of Engineering Physics (offered by NIT Raipur).

Agenda 06 BoS - 05: Recommendation of a 30 hours open elective course for FME program under VTR UGE – 2021 regulation.
Course 1: Energy Physics

Recommendation of a 45 hours Open elective course for M.Sc. program under VTR PGAS – 2023 regulation.
Course 2: Food Physics and Technology

Recommendation of a 30 hours Life Skills course for M.Sc. Physics program under VTR PGAS – 2023 regulation.
Course 3: Communication Skills

Discussion:
The BoS members have ratified and approved the proposed courses
1. Energy Physics,
2. Food Physics and Technology, and
3. Communication Skills.

Action: The members moved on to the next agenda.

Agenda 06 BoS - 06: Approval of committee/panel members for the recommendation of credits for (a) Internship, (b) Seminar, and (c) Project Review for the M.Sc. Physics Program under VTR PGAS – 2023 regulation.

S.No.	TTS No.	Name of the Member	Designation	Years of Experience	Position of the Members
List of proposed committee/panel members for the experts approval
1	1902	Dr. D. Senthilkumar	Assoc. Prof. & Head	11	Chairman
2	3257	Dr. S. Mani Naidu	Professor	35	Convenor
3	1814	Dr. R. Gowri Shankar Rao	Professor	14	Member
4	2560	Dr. A. Prabakaran	Professor	26	Member
5	2317	Dr. J. Gajendiran	Assoc. Professor	9	Member
6	2373	Dr. Parthasaradhi Reddy	Assoc. Professor	19	Member
7	3080	Dr. U. Rajesh Kumar	Assoc. Professor	13	Member
8	2412	Dr. Pradeep Reddy Vanga	Assoc. Professor	7	Member
9	2413	Dr. M. Rigana Begam	Assoc. Professor	7	Member
10	2572	Dr. S. Sridhar	Assoc. Professor	8	Member

Discussion: The BoS members have approved the members for the proposed committee/panel. The experts have concluded that a minimum of six members from the proposed panel can recommend the credits for categories a, b, and c.

Action: The members moved on to the next agenda.

Agenda 06 BoS - 07: Any other items

Chairman, BoS

Dr. D. Senthilkumar
Head of the Department
Physics

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

Dr. M. Sivakumar
Dean - Freshman Engineering

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

S. Salivah
Prof. S. Salivahanan
Vice Chancellor

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

Appendix J

Board of Studies - Department of Chemistry

School of Sciences and Humanities
Department of Chemistry

<u>Minutes of the 7th Board of Studies meeting held on 29th June 2024</u>

The 7th Board of Studies for B. Tech (Chemistry Courses) & M.Sc (Chemistry) was held in Block 7, Engineering Hive Seminar Hall Room No.7002 between 11.30am and 2.30pm and the following members were present during the meeting:

<u>Chairman (BoS)</u>
Dr. C. Hazarathaiah Yadav, Head of the Department, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu.

<u>Academic Experts (External)</u>
1. Dr. A. Mohammed Sikkander Abdul Razak, Associate Professor & Head of the Department, Department of Chemistry, Velammal Engineering College, Ambattur-Red Hills Road, Surapet, Chennai-600 066, Tamil Nadu, India
2. Dr. K.Venkateswarlu, Associate Professor, Department of Chemistry, Yogi Vemana University, Kadapa-516 001, Andhra Pradesh, India

<u>Internal Members</u>
1. Prof. A. Kanni Raj (BOS Member), Professor of Chemistry, VTU
2. Dr. N. Haridharan (BOS Member), Associate Professor of Chemistry, VTU
3. Dr. M. Nagoor Meeran (BOS Member), Associate Professor of Chemistry, VTU
4. Dr. N. Edayadulla (BOS Member), Associate Professor of Chemistry, VTU
5. Dr. L. Sivarama Krishna (BOS Member), Associate Professor of Chemistry, VTU
6. Dr. L. Venkata Ramana (BOS Member), Associate Professor of Chemistry, VTU
7. Dr. K. Thirunavukkarasu (BOS Member), Assistant Professor of Chemistry, VTU
8. Dr. S. Meenakshi (BOS Member), Assistant Professor of Chemistry, VTU

Special Invitees
1. Dr. G. Nageswara Reddy, Associate Professor of Chemistry, VTU
2. Dr. A. Silambarasan, Assistant Professor of Chemistry, VTU
3. Dr. S. Sivakumar, Assistant Professor of Chemistry, VTU
4. Dr. A. Roniboss, Assistant Professor of Chemistry, VTU
5. Dr. P.M.Vivek, Assistant Professor of Chemistry, VTU
6. Dr. V.Srinivasan, Assistant Professor of Chemistry, VTU
7. Dr. M. Ramesh, Assistant Professor of Chemistry, VTU
8. Dr. J. Gayathri, Assistant Professor of Chemistry, VTU
9. Dr. D. Divya, Assistant Professor of Chemistry, VTU

Agenda

1. Approval of B.Tech. Foundation Courses
   (i)   Engineering Chemistry
   (ii) Biochemistry
   (ii) Environmental Science & Sustainability
   (iii) Engineering Chemistry Laboratory

2. Approval of B.Tech. Institute Electives
   (i) Polymer Technology
   (ii) Renewable Energy Storage Devices for Modern Technology

3. Approval of M.Sc. Chemistry Syllabus

4. Approval of Value Added Courses
   (i) Intellectual Property Rights (IPR)

5. Approval of Institute Elective
   (i) Surface Analytical Techniques
   (ii) Chemistry of Metals and Its Applications

6. Approval of Ph.D. Course Works Syllabus

Discussion

Presentation by Chairman of the Board of Studies: Briefing BoS Agenda and A Short Briefing on Major Outlines of syllabi framed by Department faculty.

On Agenda 1 – B.Tech.Foundation Courses

Course Code	Course Title	Modifications Suggested by BoS Experts
10210CH105	Engineering Chemistry	Unit II : Electrochemistry and Battery Technology In lithium ion batteries, *"construction and working principles"* added by External Expert Dr.Md.Sikkander Unit IV : Polymer Science and Nanotechnology At the end of nanotechnology, *"nanobiosensors in biomedical engineering"* added by External Expert Dr.Md.Sikkander Unit IV : Spectroscopy and Computational Chemistry External Expert Dr.Md.Sikkander suggested to remove *"Quantum Mechanical Methods, DFT basics for Chemistry, Softwares for Cheminformatics"*
10210CH102	Biochemistry	Unit I : Introduction to Biochemistry External Expert suggested to replace "basic principles of organic chemistry " by *"basic interactions of biomolecules"*

Course Code	Course Title	Modifications Suggested by BoS Experts
		Units IV & V: contents vide Engineering Chemistry Units IV & V
10210CH104	Environmental Science and Sustainability	No change
10210CH301	Engineering Chemistry Laboratory	As such

On Agenda 2 - B.Tech.Institute Electives

Course Code	Course Title	Modifications Suggested by BoS Experts
10213CH101	Polymer Technology	As such
10213CH102	Renewable Energy Storage Devices for Modern Technology	No change

On Agenda 3 – M.Sc. Chemistry

Course Code	Course Title	Modifications Suggested by BoS Experts
60231CH101	Organic Chemistry – I	Unit I: Dr.Md.Sikkander suggested to add *“E & Z notations”* before R & S notations Unit III: Dr. Venkateshwarlu suggested *“to reduce the syllabus by 10%”*
60231CH102	Inorganic Chemistry – I	As such
60231CH103	Physical Chemistry-I	Unit I: Dr. Venkateshwarlu suggested to add *“Onsagar”* in *“Debye-Huckel theory”*. Unit I: Dr.Md.Sikkander suggested to add "EMF series" after Nernst equation.
60231CH104	Organic Chemistry – II	As such
60231CH105	Inorganic Chemistry – II	No change
60231CH106	Physical Chemistry-II	No change
60231CH107	Organic Chemistry – III	As such
60231CH108	Inorganic	No change

Course Code	Course Title	Modifications Suggested by BoS Experts
	Chemistry – III	
60231CH109	Physical Chemistry-III	As such
60231CH301	Physical Chemistry laboratory	No change
60231CH302	Organic Chemistry laboratory	As such
60231CH303	Inorganic Chemistry laboratory	As such
60231CH304	Analytical Chemistry laboratory	No change
60232CH101	Macromolecular Chemistry	As such
60232CH102	Natural Product Chemistry	As such
60232CH103	Pharmaceutical Chemistry	No change
60232CH104	Nuclear and Photochemistry	No change
60232CH105	Electroanalytical and Separation Techniques	As such
60232CH106	Organic Spectroscopy	No change
60232CH107	Materials and green industrial catalysis	As such
60232CH108	Bioorganic Chemistry	No change
60232CH109	Nanoscience and Nanotechnology	As such
60232CH110	Photochemistry and Its applications	No change
60233CH101	Green Chemistry	No change
60233CH102	Food Safety and Quality Management	As such

Course Code	Course Title	Modifications Suggested by BoS Experts
60233CH103	Cryogenic Fuels	As such
60233CH104	Energy Storage Devices	No change
60234CH601	Extension Activities	No change
60234CH701	Project Phase I	As such
60234CH702	Project Phase II	No change
60234CH801	Internship	As such
60235CH901	Communication Skills	No change

On Agenda 4 – Value Added Course to MSc

Course Code	Course Title	Modifications Suggested by BoS Experts
	Intellectual Property Rights (IPR)	As such

On Agenda 5 - Institute Elective for M.Sc

Course Code	Course Title	Modifications Suggested by BoS Experts
60234CH105	Surface Analytical Techniques	As such
60234CH106	Chemistry of Metals and Its Applications	No change

On Agenda 6 – Ph.D. Course Works

Course Code	Course Title	Modifications Suggested by BoS Experts
40210SH101	Research Methodology	As such
40210SH102	Research and Publication Ethics	No change
40211CH101	Air Pollution Control	No change
40211CH102	Environmental Impact Assessment	As such
40211CH103	Quantum Crystallography	No change
40211CH104	Computational Chemistry	As such

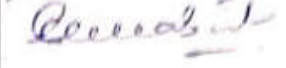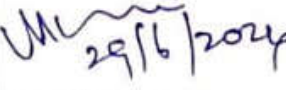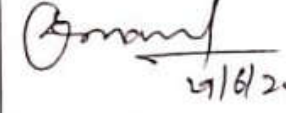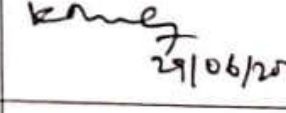| 40211CH105	Nanomaterials and their applications	Unit II : Title is "Synthetic Methods for Nanomaterials" Unit III: Dr.Md.Sikkander suggested to add "*green synthesis of nanomaterials*" at the end of the unit. Unit IV: : Dr.Md.Sikkander suggested to remove the word "*Advanced*" from unit heading Unit V: Dr.Venkateshwarlu suggested to remove the words *"nanotechnology in"* from "nanotechnology in food industry"
40211CH106	Organic Reactions and Mechanisms	As such
40211CH107	Spectroscopy and Analytical Techniques	Unit III: Dr.Venkateshwarlu suggested to remove *"comparison of ^1H and ^{13}C NMR".*
40211CH110	Nanophotonics and Nanotechnology	Unit II: Dr.Md.Sikkander suggested to change the unit heading to "Synthesis of nanomaterials"
40211CH111	Photoscience and Its Applications	Unit I: External Expert Dr.Md.Sikkander suggested to add "*Chemiluminescence*" Unit II: Dr.Md.Sikkander suggested to change unit heading to *"Methodologies of Photochemistry"*
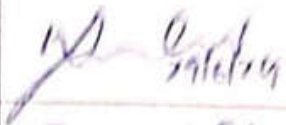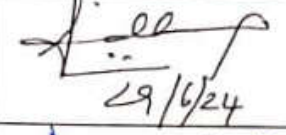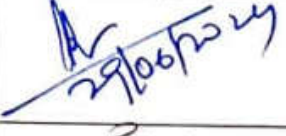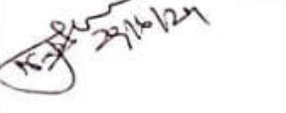
Action Taken

Proposed B.Tech. syllabus, M.Sc. syllabus and Ph.D course works have been modified as per the suggestions given by External Academic Experts.

Date: 29-06-2024   **Chairman – BOS**

BOS ATTENDANCE

S.No	Name	Designation	Signature
1	Dr. C. Hazarathaiah Yadav (Chairman)	Professor & Head of the Department, Department of Chemistry, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	
2	Dr. K. Venkateswarlu (External Expert)	Associate Professor, Department of Chemistry, Yogi Vemana University, Kadapa-516001, Andhra Pradesh.	
3	Dr. A Mohammed Sikkander (External Expert)	Associate Professor, Head of the Department, Department of Chemistry, Velammal Engineering College. Chennai.	
4	Dr. A. Kanniraj (Member)	Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	29/6/2024
5	Dr. N. Haridharan (Member)	Associate Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	29/6/24
6	Dr. M. Nagoor Meeran (Member)	Associate Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	29/06/2024
7	Dr. N. Edayadulla (Member)	Associate Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	29/6/24
8	Dr. L. Sivarama Krishna (Member)	Associate Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	29/6/24
9	Dr. L. Venkataramana (Member)	Associate Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	29/6/24
10	Dr. K. Thirunavukkarasu (Member)	Assistant Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	29/06/2024
11	Dr. S. Meenakshi (Member)	Assistant Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	29/6/2024

Appendix K

Board of Studies - Department of M.Sc., - Data Analytics

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai-600062, Tamil Nadu, India

5th MEETING of BOARD of STUDIES

Minutes

for

M.Sc. Data Analytics Programme

[CBCS]

On

27.07.2024

Department of Computer Science

School of Computing

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai-600062, Tamil Nadu, India

INDEX

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai-600062, Tamil Nadu, India

5th MEETING of BOARD of STUDIES
For
M.Sc. Data Analytics Programme

Date &Time: 27.07.2024-11.00 AM
Venue: SoC Block, 33023

Item No	Agenda
A.	**Opening**
1	Confirmation of 4th BoS meeting minutes held on 05.01.2024 (Annexure-I).
2	To review the Action Taken Report on the minutes of 4th meeting of the Board of Studies. (Annexure-II).
B.	**Items to be considered**
3	To discuss and approve the **new course contents to be offered under Program core and Program Elective category** for M.Sc. Data Analytics under VTR PGAS 2023 keeping in view of NEP 2020 to be implemented with effect from the academic year Summer 2024 -2025 in view of breadth, depth and employability Skills. (Annexure-III).
4.	To discuss and approve the new courses to be offered in **Online MOOCs platforms under Open Elective category** during the academic year Summer 2024-2025 for MSc. Data Analytics. (Annexure-IV). **Courses under Open Elective category** under VTR PGAS 2023 regulation. **Life Skills Course under Independent Learning Category** under VTR PGAS 2023
5.	To discuss and approve the Internship and Extension activity undergone in Summer Semester 2024-2025 (Annexure-V).
6.	Ratification of Program Core and Elective courses offered in the M.Sc. Data Analytics programme under VTR PGAS 2023 regulation during the academic year Winter 2023-2024 (Annexure-VI).
7.	Any other cognate item.

Courses under Open Elective category under VTR PGAS 2023 regulation.

S.No.	Course Code	Course Name	Course Provider	Duration in weeks	Credits
1.	60233CS407	Remote Sensing: Principles and Applications	NPTEL	12	3
2.	60233CS408	Fiber Optic Communication Technology	NPTEL	12	3
3.	60233CS409	Modern Digital Communication Techniques	NPTEL	12	3
4.	60233CS410	Human Resource Development	NPTEL	12	3
5.	60233CS411	Management Information System	NPTEL	12	3
6.	60233CS412	E-Business	NPTEL	12	3

Life Skills Course under Independent Learning Category under VTR PGAS 2023

S.No.	Course Code	Course Name	Course Provider	Duration in weeks	Credits
1.	60234CS401	Business English: Basics	COURSERA	6	2

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai-600062, Tamil Nadu, India

5th MEETING of BOARD of STUDIES
For
M.Sc. Data Analytics Programme

Date &Time: 27.07.2024-11.00 AM
Venue: 33023

Members Present:

S. No	Name and Designation	Nominee	Signature
1	Dr. S P. Chokkalingam Professor & Dean School of Computing	Chairperson	
2	Dr. M. Punniyamoorthy Professor (HAN) National Institute of Technology, Thiruchirapalli.	Academic Expert Nominee	
3	Dr. T. Ruso Project Manager Cognizant Technology Solutions, Chennai	Industry Expert Nominee	
4	Mr. Kagitha Stevewa Data Processing Analyst NielsenIQ	Alumni	
5	Dr. R. Aruna Professor Department of CSE	Professor Nominee	27/7
6	Dr.M.Kavitha Professor Department of CSE	Professor Nominee	
7	Dr.N.R.Rajalakshmi Professor & Head Department of AI&ML	Professor Nominee	
8	Dr.S.Sridevi Professor Department of CSE	Professor Nominee	
9	Dr.V.Dhilip Kumar Professor & Head Department of AI & DS	Professor Nominee	
10	Dr. Murali Dhar M S Associate Professor & Head Department of CSE	Associate Professor Nominee	
11	Dr.R.Thanga Selvi Associate Professor Department of CSE	Associate Professor Nominee	27/7/24
12	Dr.K.Prema Assistant Professor Department of CSE	Assistant Professor Nominee	27/7

Invited Members

S. No	Name	Designation	Signature
1	Dr.J.Visumathi	Professor and Head Department of IT Vel Tech	27/7/24
2	Dr.T.Kujani	Assistant Professor, (Sr. Gr.) Department of CSE Vel Tech	27/7/24

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai-600062, Tamil Nadu, India

The Chair expressed his happiness in welcoming all the members for the 5th meeting of BOS and thanked them for sparing their valuable time.

05-BoS-01	Confirmation of 4th BoS meeting minutes held on 05.01.2024
Action Taken:	The minutes of 4th BoS meeting minutes held on 05.01.2024 were circulated to members through e-mail, the members confirmed the minutes.[Annexure - I]
05-BoS-02	To review the Action Taken Report on the minutes of the 4th meeting of the Board of Studies
Action Taken	The members reviewed the action taken report on the decisions of 4th BoS meeting minutes held on 05.01.2024.[Annexure - II]
05-BoS-03	To discuss and approve the **new course content to be offered under Program Core and Program Elective category** for M.Sc. Data Analytics under VTR PGAS 2023 keeping in view of AICTE and National Education Policy (NEP) 2020 and employability skills to be implemented with effect from the academic year 2024-2025. [Annexure-III]
Discussion	Members reviewed the curriculum structure and recommended to include courses such as Optimization Technique, Numerical Methods, Linear Algebra, Operational Research, and Discrete Mathematics under the program core. The courses, Deep Learning, Cloud Computing, Health Care Analytics, and Time Series Analysis and Forecasting, reviewed and suggested some libraries and tools for the above courses. In the Cloud Computing course, the experts suggested tools such as the Google Cloud platform, Dockers, and Kubernetes for lab experiments.
Resolution	Members approved the course content to be offered under Program Core and Program Elective. The suggestions will be incorporated into the courses and offered with effect from Summer 2024-2025. Course structure and details are available in [Annexure - III].
05-BoS-04	To discuss and approve the courses to be offered in **Online MOOCs platforms under Open Elective and Independent Category** during the academic year Summer 2024-2025 for MSc. Data Analytics. [Annexure-IV]. **1. Courses under Open Elective category** under VTR PGAS 2023 regulation. (see table below)

S.No.	Course Code	Course Name	Course Provider	Duration in weeks	Credits
7.	60233CS407	Remote Sensing: Principles and Applications	NPTEL	12	3
8.	60233CS408	Fiber Optic Communication Technology	NPTEL	12	3
9.	60233CS409	Modern Digital Communication Techniques	NPTEL	12	3
10.	60233CS410	Human Resource Development	NPTEL	12	3
11.	60233CS411	Management Information System	NPTEL	12	3
12.	60233CS412	E-Business	NPTEL	12	3

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)
Avadi, Chennai-600062, Tamil Nadu, India

	2. **Life Skills Course under Independent Learning Category** under VTR PGAS 2023				
	S.No.	Course Code	Course Name	Course Provider	Duration in weeks	Credits
	2.	60234CS401	Business English: Basics	COURSERA	6	2

Discussion	The members reviewed the above list of courses, course credits, and course contents to be offered under the Open Elective and Independent Learning Category for MSc. Data Analytics Programme.
Resolution	The members approved the Online MOOCs Platform courses and course contents to be offered during the summer semester 2024-2025 for MSc. Data Analytics Program.**[Annexure-IV]**
05-Bos-05	To discuss and approve the Internship and Extension activity undergone in Summer Semester 2024-2025 (Annexure-V).
Discussion	The members reviewed the regulation and recommended to conduct awareness program in rural areas and encourage to do the Society beneficial projects under Extension activity.
Resolution	The Members approved the courses under the Independent Learning Category for MSc. Data Analytics Programme to be offered during summer semester 2024-2025 for MSc. Data Analytics Programme. **[Annexure-V]**
05-BoS-06	Ratification of Program Core and Elective courses offered in the M.Sc. Data Analytics programme under VTR PGAS 2023 regulation during the academic year Summer 2024-2025 (Annexure-VI).
Discussion	The members reviewed the courses under Program Core and Program Elective and suggested the following: 1. In the Machine Learning course, the experts suggested removing data mining concepts and including the LDA, PCD, and QDA techniques under data preprocessing. Informed to include outlier Analysis under cluster topic. 2. In Object-oriented programming using Java, the expert suggested including more concepts in Spring Boot. Informed to remove swing concepts and concentrate more on the Spring framework. 3. The experts suggested to remove Principles of programming Logic and Competitive Coding from the structure.
Resolution	Experts ratified Program core and Program Elective courses and course contents offered in the M.Sc. Data Analytics programme under VTR PGAS 2023 regulation, the suggestion will be made in forthcoming revisions of courses. **[Annexure -VI].**
05-BoS-07	Any other Cognate Item
Resolution	The next BoS meeting will be conducted in the month of December 2025.

Appendix L

Board of Studies - Department of M.B.A

SCHOOL OF MANAGEMENT

DEPARTMENT OF MANAGEMENT STUDIES

Minutes of Meeting

of
28th Board of Studies

held on

27th June 2024, Thursday by 09.30 a.m.
Venue: 2322

SCHOOL OF MANAGEMENT
BOARD OF STUDIES

28th Board of Studies for School of Management held on 27.06.2024 at Hall No: 2322 from 9.30 am onwards.

The following members were presented during the meeting.

Members Present

Chairman, Board of studies (Management Studies)

1. Dr. K. Ravishankar, Professor & Head, Department of Management Studies.

External Experts

2. Dr. G. Muruganantham, Professor, Management Studies, National Institute of Technology (NIT), Tiruchirapalli.

3. Mr. R. Yokesh Kumar, General Manager – South India, FIBS Logistics India Pvt. Ltd., Schneider Transport), Chennai.

4. Mr. K. Ravikumar, Managing Partner, Head Business Operations, Tesla Safetech, Saidapet, Chennai

Internal Experts

5. Dr. M.S.R. Mariyappan, Professor and Dean, School of Management.

6. Dr. Geeta Kesavaraj, Associate Professor, Department of Management Studies.

7. Dr. P. Elantheraiyan, Associate Professor, Department of Management Studies.

8. Dr. G. Manoj, Associate Professor, Department of Management Studies.

9. Dr. R. Sankar Ganesh, Associate Professor, Department of Management Studies.

The 28th Board of Studies meeting for review and approval of the course contents of M.B.A. for the I Semester of the Academic Year 2024–2025 Regulation 24 and III Semester of the Academic Year 2024-25 Regulation 21 were presented for approval

Dr. K. Ravishankar, Head – Department of Management Studies, opened his speech by welcoming the members. He introduced the following new BoS members in the forum.

1. Mr. R. Yokesh Kumar, General Manager – South India, FIBS Logistics India Pvt. Ltd., (Schneider Transport) representing Industry, and
2. Mr. K. Ravikumar, Managing Partner, Head Business Operations, TESLA SAFETECH, Chennai representing alumni.

The following approved is presented by him for presentation.

Agenda of the Meeting

AGENDA	ITEMS FOR CONFIRMATION
28 BoS 01	Presentation about the department.
28 BoS 02	To confirm the minutes of meeting of the 27rd BoS held on 11.12.2023.
28 BoS 03	Action taken report on minutes of 27rd BoS meeting.
28 BoS 04	To record leave of absence of members.
ITEMS FOR CONSIDERATION AND APPROVAL	
28 BOS 05	To discuss and approve new courses in III Semester under Regulations VTR PGM-2021. (For Batch: 2023-2025 / Academic Year: 2024-2025).
28 BoS 06	To discuss and approve M.B.A. Programme contents for III Semester under Regulations VTR PGM-2021. (For Batch: 2023-2025 / Academic Year: 2024-2025).
28 BoS 07	To discuss and approve M.B.A. Programme contents for I Semester under Regulations VTR PGM-2024. (For Batch: 2024-2026 / Academic Year: 2024-2025).
28 BoS 08	To discuss and approve Academic Calendar for the Academic year 2024-25.
28 BoS 09	To discuss and approve bridge course for non-commerce and non- management stream students.
ITEMS FOR DISCUSSION AND RATIFICATION	
28 BoS 10	List of MOOC Courses offered under self-learning courses for PG (7.2.3.2) Programs during the AY 2023 – 24.
28 BoS 11	To discuss and approve list of courses to the other Schools
28 BoS 12	Approval of credit transfer for the course VTUSIM2024 Global Business Management, studied at University Sains Islam (USIM) Malaysia, to Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.
28 BoS 13	To discuss and approve the internship program at University Sains Islam (USIM) Malaysia
ITEMS FOR REPORTING AND RECORDING	
28 BoS 14	Admission procedure carried out for the academic year 2024-25.
28 BoS 15	Result and PO-CO attainment and improvement strategy followed.
28 BoS 16	Programme conducted/ Faculty and Students achievements.
28 BoS 17	Department progress towards National Board of Accreditation (NBA).

ITEMS FOR CONFIRMATION

28 BoS 01	:	Presentation about the Department.
Discussion	:	The Chairman - BoS briefed about the Department achievements and disseminated the Vision and Mission of the Department.
Action	:	The members have noted and confirmed it.
28 BoS 02	:	To confirm the minutes of the meeting of the 27th BoS held on 11.12.2023.
Discussion	:	The BoS Coordinator Dr. Geeta Kesavaraj presented the action taken report on the minutes of the 27th BoS meeting held on 11.12.2023.
Action	:	The members have noted and confirmed it.
28 BoS 03	:	Action taken report on minutes of 27th BoS meeting.
Discussion	:	The BoS Coordinator presented the action taken report on the minutes of the 27th BoS meeting held on 11.12.2023.

S.No.	Agenda No.	Points Discussed	Action Taken
1	27 BoS 01	A presentation about the department	The presentation was made by the Chairman - BoS, members noted.
2	27 BoS 02	Confirmation of the minutes of the meeting of the 26th Board of Studiesheld on 27.05.2023.	Confirmed by the members of BoS
3	27 BoS 03	Action Taken Report on the minutes of the 26th BoS meeting	Reports were presented by Dr. Geeta Kesavaraj, members noted.
4	27 BoS 05	The curriculum structure of Regulation R24 was discussed. The Minimum Credits required to award M.B.A. Degree was 102 The Programme Structure and minimum credits required in course categories are as follows: 1. Programme Core : 45 credits 2. Programme Elective : 24 credits 3. Open Elective : 06 credits 4. Independent Learning : 12 credits • Summer Internship • Project Work • Publication of Research Paper 5. Ability Enhancement Courses: 08 credit 6. Skill Enhancement Courses : 06 credits 7. Extension Activities : 01 credit **Total: 102 Credits**	The BoS members approved the New Regulation 2024
5	27 BoS 06	The curriculum structure VTR PGM-2024 (For Batch:2024-2026 / Academic Year: 2024-2025) was presented. The Academic Expert enquired about the Extension Activity and stressed that it would be active if the students go and stayed in the nearby villages to study the problems and bring out suitable remedies.	The proposed curriculum structure and changes was approved by the BoS members.

6	27 BoS 07	The curriculum and credit distribution, course category of Semester IV under Regulation R21 were discussed. • "30212MG134 - Social Media Marketing" Prof. Dr. Muruganandham recommends equal weightage for Unit I and Unit II.". • "30212MG137 - Fintech Banking Technology" - He suggested adding Green Finance to a course. • "30212MG144 - Marine Insurance" - Mr. Yokesh Kumar proposed changing the course name from "Marine Insurance" to "Marine and Cargo Insurance" and also recommended adding marine law topics like 'MARPOL, SOLAS, and arbitration'. • "30212MG145 - Chartering Practices" – He incorporated 'INCOTERMS and different types of vessels'. • "30212MG146 - EXIM and Custom Duties" - he emphasized the importance of adding topics like DG Cargo, Air Cargo, Containerization, and HSN Code.	The proposed suggestions by BoS members were incorporated.	
7	27 BoS 08	The Course Contents for II Semester under Regulations VTR PGM-2021. (For Batch: 2023-2025 / Academic Year: 2023-2024) was presented. The Academic Expert Dr. G. Muruganantham insisted on including Marketing Ethics in the "30211MG108 -Marketing Management" course.	The proposed recommendations were incorporated	
8	27 BoS 09	The Chairman – BoS proposed that students can opt for any management course that carries at least 2 credits in SWAYAM and similar MOOC platforms for the AY 2023-24. Students must get approval from the mentor and department head before registering.	The BoS members approved the listed courses under MOOC.	
9	27 BoS 10	The Chairman sought the approval of MOOC Courses completed under self-learning courses for (7.2.3.2) AY 2023- – 24	The BoS members approved and appreciated the above initiative.	
10	27 BoS 11	The Chairman emphasized that a group of 20 MBA students took part in a 12-day Global Student Immersion Program in Malaysia. During this program, they successfully completed the "VTUSIM2023-Fundamentals of Functional Analytics" course at University Sains Islam, Malaysia. This course, worth 3 credits, required 45 hours of study. Upon completion of the program, the students underwent a 100-mark examination. The marks were also received for this examination. The course content was mapped and verified against the "30212MG150-Basics of Functional Analytics" elective course offered in the Department of Management Studies at Vel Tech	The BoS has approved the transfer of 3 credits from the course "VTUSIM2023-Fundamentals of Functional Analytics" completed by 20 students at University Sains Islam, Malaysia, to our institution.	

			Rangarajan Dr. Sagunthala R&D Institute of Science and Technology. Additionally, the grade points and letter grades were awarded according to the norms of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.	
Action	:	Members have gone through the action taken and are satisfied.		
28 BoS 04		To record the leave of absence of members.		
Discussion	:	All the members were present for the meeting.		
Action	:	Members approved the follow-up action		

ITEMS FOR CONSIDERATION AND APPROVAL
Followed by the opening note, Dr. Geeta Kesavaraj initiated her presentation on the following agenda.

28 BoS 05	:	To discuss and approve new courses in III Semester under Regulations VTR PGM-2021. (For Batch: 2023-2025 / Academic Year: 2024-2025).
Discussion	:	The BoS member Dr. Geeta Kesavaraj presented the new courses introduced under Finance, Business Analytics, Logistics and shipping electives. The course details are discussed in detail. The new courses were recommended by the stakeholders and the same is approved in DAC meeting. **Finance Elective** 1. The Experts suggested to remove the word 'article' from Unit - I in "30212MG158 - Behavioural Finance". **Business Analytics Elective** 1. The Academic Expert also emphasized to reduce the contents of Unit II and III in "30212MG160 - Enterprise Resource Planning". **Logistics and Shipping Management Elective** 1. The Academic Expert stated to modify the question type sub topics in the course "30212MG159 Warehouse Management" members suggested to incorporate 'cold storage facility', 'Safety audit and training' in Unit V of the above course.
Action	:	The BoS members agreed and approved the new courses.
28 BoS 06	:	To discuss and approve M.B.A. Programme contents for III Semester under Regulations VTR PGM-2021. (For Batch: 2023-2025 / Academic Year: 2024-2025).
Discussion		The inputs taken from stakeholders and DAC meeting on the courses were also discussed. **Digital Marketing Elective** 1. The Academic Expert Dr. G. Muruganantham stated to modify the question type subtopics in the following courses: • 30212MG147 - Digital Marketing Services • 30212MG108 - Online Reputation Management • 30212MG149 -Content Marketing and Communication 2. The Alumni suggested to include Google Business/Review in Unit IV of "30212MG147 - Digital Marketing Services". 3. The Industry Expert opined to change the heading of Unit I to 'Field Sales Force and Corporate Sales' in "30212MG104 - Sales and Distribution Management ". **Human Resource Management Elective** 1. The Academic Expert suggested to remove the 'case' from Unit IV in "30212MG115- Industrial Relations and Labour Legislations" course.

2.The industry expert opined to include 'Employee Retention programs' in Unit V under "30212MG120 - Competency Mapping and Human Resource Planning".

Business Analytics Elective
1. The Academic Expert suggested to include subtopic 'Data Modelling' in Unit V of "30212MG122 - Data Mining and Business Intelligence".
2. BoS members suggested to include 'Customer feedback analysis' in Unit III and 'Cash Management' instead of 'Cash Flow analysis' and 'Cash Flow forecasting' in Unit V of "30212MG150 - Basics of Functional Analytics".

Logistics and Shipping Management Elective
1. The Academic Expert expressed to remove the 'case Hyundai Fortune' from Unit IV and include 'Types of chartering and vessels' in Unit II of "30212MG130 - Marine Cargo Management".

BoS Experts suggested to remove 'Model' from Seminar III "30214MG801 - Model Research Paper Writing" in Semester III

Semester III Course Details

S. No.	Course Code	Course Title	Type	L	T	P	C
1	30211MG115	International Business Management	PC	3	0	0	3
2		Elective – I	PE	3	0	0	3
3		Elective – II	PE	3	0	0	3
4		Elective – III	PE	3	0	0	3
5		Elective – IV	PE	3	0	0	3
6		Elective – V	PE	3	0	0	3
7		Elective – VI	PE	3	0	0	3
8	30214MG801	Summer Internship	IL	0	0	8	4
9		MOOC Course	IL	0	0	4	2
10	30214MG404	Seminar - III Research Paper Writing	IL	0	0	4	2
Total Credits							**29**

Appendix M

Research Advisory Board

Office of the Dean Research Studies

Summary Note of the 26th Research Board Meeting held on 21-08-2024.

Opening:

The meeting was conducted via video conferencing and commenced with a condolence note for the late Foundress President, Dr. Sagunthala Rangarajan, followed by a welcome address by the Vice Chancellor. All board members, invited Deans, and HoDs participated.

Key Approvals and Discussions:

- **Hybrid Mode Coursework Model:**
  - The phrase hybrid coursework mode was replaced by the term *Guided Self-Study (GSS)* has been recommended by the board for the scholars from industry and research institutes.
  - The board suggested that offering coursework in online or hybrid mode for Ph.D. scholars must be recommended by the department's Board of Studies (BoS) and should be approved by the academic council of the institution.
- **Direct Admission to Ph.D. for B.E./B.Tech Students:**
  - Direct admission to Ph.D. for B.E./B.Tech students was recommended initially with eligibility criteria of 80% marks or an 8.5 CGPA, which was revised to align with UGC 2022 regulations, requiring 75% marks in aggregate or its equivalent grade on a point scale.
  - A relaxation of 5% marks or its equivalent grade was allowed for SC/ST/OBC (non-creamy layer), differently-abled, and EWS candidates.
- **Transition of Regulations from VTR DR 2021 to VTR DR 2025:**
  - The transition of regulations was approved with minor grammatical corrections.
- **Eligibility of ODL Degrees for Ph.D. Admission:**
  - ODL mode degrees UG/PG of Ph.D. aspirants were approved for Ph.D. admission and the board suggested that candidates may enroll in full-time mode preferably and should clear the institute entrance exam as per the norms.
- **Workload Allocation for Research Scholars:**
  - Scholars were required to undertake 4-6 hours per week of teaching or research assistantship, as per UGC guidelines 2022. And they were also directed to undergo training in pedagogy, education, and writing related to their Ph.D. subjects.
- **Web of Science Nomenclature:**
  - It was recommended to follow the Web of Science Core Collection nomenclature instead of using terms like SCI/SCIE/ESCI.

Specific Recommendations and Decisions:

- **Department Change (Automobile to Mechanical Engineering):**
  - The board suggested resolving department change concerns through a "Progressive Closure," allowing scholars to receive their awards based on their original enrollment.
- **Research Supervisors Guidelines for Assistant Professor:**
  - It was mandated that assistant professors must have a minimum of three peer-reviewed publications in line with UGC 2022 guidelines.
- **Ph.D. Admissions for Commerce and Media Technology:**
  - The board approved initiation of Ph.D. programmes in Commerce and Media Technology, with a focus on industry-aligned research and strong academic support.
- **Online Pre-Viva/Viva for National/International Scholars:**
  - Online pre-viva and viva voce meetings may be conducted online, adhering to UGC standards.
- **Guideship for Resigned Supervisors:**
  - Resigned supervisors were allowed to continue guiding advanced-stage scholars upon approval. In this case, HoDs or co-supervisors were assigned to oversee any remaining formalities.
- **Ph.D. Scholar Migration from Other Institutes:**
  - The board decided that migration of Ph.D. scholars from other institutes may not necessary at this stage, citing quality concerns.
- **Self-Plagiarism Exclusion Certificate:**
  - A self-plagiarism exclusion certificate was approved to identify portions of theses that had been published.
- **Supervisor Recognition for Professor of Practice/Adjunct Professor:**
  - The board suggested Professor of Practice and adjunct faculty may act as co-supervisors.
- **Preference for Research Faculty in Ph.D. Scholar Allotment:**
  - The board suggested Research faculty could be given preference during allotment of scholar subject to availability.

Ratifications and Recordings:

- Applications received for recognition of research supervisors were endorsed and provisional admissions for the Summer Session 2024-25 were ratified.

Appendix N

Amendments made in Ph.D Regulations (2016, 2021

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

Office of the Dean Research Studies

Ref. No.: VTU/DRS/PhD-Regulations/Amendments/2024-25/01
Date: 12/11/2024

Submitted to the Vice Chancellor

Respected Sir,

Subject: Request for amendments to publication requirements for School of Law Ph.D. Scholars and Thesis Processing Fee adjustment for international Scholars – reg.

References:
1. Request from the Dean, School of Law, received on November 6, 2024
2. Request of Foreign PhD Scholars to reduce thesis processing fee

Background

The Dean, School of Law, has raised concerns regarding the current publication requirements, which instruct that Ph.D. scholars must publish two articles (2) in Scopus-indexed journals or four articles (4) in UGC CARE-listed journals before submitting their synopsis. This has posed challenges for 32 scholars facing delays in submission due to these publication demands. A preliminary meeting was held on **November 9, 2024**, involving the Dean and Head of the Department, School of Law, along with the Controller of Examinations (CoE), Dean of IQAC, Registrar, and other relevant Deans (Academics, R&D, Research Studies and SoEC). In this meeting, it was agreed that the School of Law would gather data on the publication status of current scholars and comparable requirements at other prestigious law universities/schools.

The Dean and Head of the Department, School of Law, collected data and submitted to the Dean Research Studies the same was forwarded to Vice-Chancellor. Hon. VC has constituted a committee to submit appropriate recommendations.

PROCEEDINGS OF THE MEETING
Date and Time: November 12, 2024; 10:00 a.m.
Venue: Vice Chancellor's Chamber

Committee consisting of the following senior faculty members was constituted by Hon. Vice Chancellor.

1. Internal Members of Research Board
   - Registrar
   - Deans of Academics
   - Deans R&D,
   - Dean Research Studies and
   - Dean - SoEC
2. Controller of Examinations
3. Dean of IQAC
4. Dean of School of Law and
5. HoD, Dept. of Law

During the initial meeting, it was agreed that the School of Law would compile data on the progress and publication status of all current Ph.D. scholars, as well as a comparison of publication requirements at other prominent law institutions across the nation. This data was presented in the meeting.

The following agenda items were discussed:

Agenda Item 1: Reconsideration of Publication Requirements for Ph.D. Scholars in the School of Law under 2016 and 2021 Regulations

The committee reviewed the publication criteria under the 2016 and 2021 regulations, considering previous circulars (dated July 6, 2023, and June 21, 2024). Discussion revealed that several scholars were experiencing delays in synopsis submission due to the existing publication requirements.

After careful consideration, the committee recommended the following revised publication criteria for Ph.D. scholars in the School of Law:

- Scholars may fulfill the publication requirement through one of the following options:
    - Two articles indexed in Web of Science (WoS) or Scopus,
        OR
    - One WoS/Scopus-indexed article and one UGC CARE-listed article,
        OR
    - Two peer-reviewed articles in UGC CARE-listed online journals.
- Additionally, each scholar must present at least two (2) papers in International conferences or seminars prior to thesis submission, with evidence provided in the form of presentation certificates and/or reprints.

This revision, aligned with UGC guidelines and standard practices at other reputed institutions, is intended to provide a more manageable path for scholars, facilitating timely completion of their research programs.

Agenda Item 2: Reduction of Thesis Processing Fee for Foreign Ph.D. Scholars

The committee also examined the costs associated with online Pre-Viva and Viva examinations for foreign scholars, noting significant savings on travel and daily allowances for external examiners. As a result, the committee proposed reducing the current thesis processing fee of Rs. 30,300/- by Rs. 7,000/, setting a revised fee of Rs. 23,300/- for full-time foreign Ph.D. scholars.
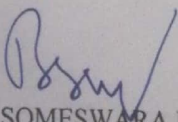
Committee Recommendations
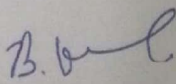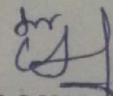
The committee recommended:
1. Approving the revised publication requirements as outlined above.
2. Approving the reduction in thesis processing fees for foreign scholars.
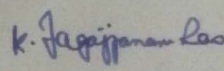
The committee requested that these recommendations be presented at the upcoming Academic Council Meeting (ACM) for its consideration.
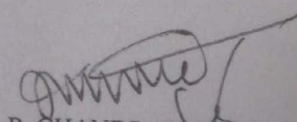
The meeting concluded with a vote of thanks extended by the Vice Chancellor.

Dr. B. SOMESWARA RAO
HoD of Law

Dr. B. VENUGOPAL
Dean, School of Law

Dr. R.S.VALARMATHI
Dean (SoEC)

Dr. K. JAGAJJANANI RAO
Dean (Research Studies)

Dr. P. CHANDRAKUMAR
Dean (R&D)

Dr. RAJEEV KUMAR. M
Dean (IQAC)

Dr. S. RAJU
Dean (Academics)

Dr. R. SIVARAMAN
CoE

Dr. E. KANNAN
Registrar

Appendix O

Doctoral (Ph.D.) level programmes for Summer Semester of the Academic Year 2024-25.

Office of the Dean Research Studies
Statistics of Ph.D. National Admission Summer Session 2024-25 (Batch 45)

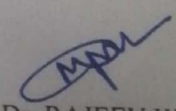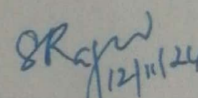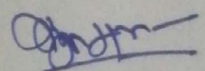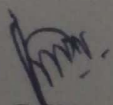| S.No.	DEPARTMENT	Application			Mode of Study			Entrance Exam					Interview			Selected for Certificate Verification		Provisionally Admitted		
													Selected for Interview			Mode of Study		Mode of Study		
		Applied	Not Shortlisted	Shortlisted	Full Time	Part Time	Total	Exemption from Entrance Exam	Full Time	Part Time	Eligible for Entrance Exam	Attended for Exam	Through Entrance Exam	Exemption from Entrance Exam	Selected in Interview	Full Time	Part Time	Full Time	Part Time	Total
Engineering																				
1	AERO	8	0	8	3	5	8	0	0	0	8	8	7	0	7	3	4	2	3	5
2	BIOMEDICAL	3	0	3	2	1	3	1	0	1	2	2	2	1	2	1	1	1	1	2
3	BIOTECH	10	0	10	9	1	10	3	3	0	7	5	5	3	6	5	1	4	0	4
4	CIVIL	11	0	11	5	6	11	0	0	0	11	11	7	0	5	2	3	2	3	5
5	CSE	36	0	36	6	30	36	0	0	0	36	31	26	0	24	2	22	1	23	24
6	IT	3	0	3	1	2	3	1	0	1	2	2	2	1	2	1	1	1	0	1
7	ECE	18	0	18	6	12	18	1	1	0	17	16	11	1	11	4	7	3	3	6
	EEE	5	0	5	1	4	5	0	0	0	5	5	1	0	1	0	1	0	0	0
8	MECH	11	0	11	3	8	11	0	0	0	11	9	7	0	7	3	4	2	3	5
	TOTAL	**105**	**0**	**105**	**36**	**69**	**105**	**6**	**4**	**2**	**99**	**89**	**68**	**6**	**65**	**21**	**44**	**16**	**36**	**52**
S&H																				
9	CHEMISTRY	9	0	9	3	6	9	0	0	0	9	7	7	0	7	2	5	3	2	5
10	COMPUTER SCIENCE	5	0	5	5	0	5	2	2	0	3	3	2	2	3	3	0	3	1	4
11	ENGLISH	16	1	15	13	2	15	8	6	2	7	7	6	8	11	9	2	6	1	7
12	MATHS	28	1	27	11	16	27	15	6	9	12	8	8	15	19	7	12	7	10	17
13	PHYSICS	16	0	16	12	4	16	2	1	1	14	14	13	2	15	11	4	9	4	13
	TOTAL	**74**	**2**	**72**	**44**	**28**	**72**	**27**	**15**	**12**	**45**	**39**	**36**	**27**	**55**	**32**	**23**	**28**	**18**	**46**
MBA																				
14	MBA	9	1	8	3	5	8	0	0	0	8	7	6	0	3	0	3	1	3	4
	TOTAL	**9**	**1**	**8**	**3**	**5**	**8**	**0**	**0**	**0**	**8**	**7**	**6**	**0**	**3**	**0**	**3**	**1**	**3**	**4**
	OVER ALL TOTAL	**188**	**3**	**185**	**83**	**102**	**185**	**33**	**19**	**14**	**152**	**135**	**110**	**33**	**123**	**53**	**70**	**45**	**57**	**102**

Appendix P

Results of the Ph.D. Viva Voce

Ph.D. Awarded List - ACM - NOVEMBER 2024 (Since last ACM dated 24th Aug 2024)

S.No.	Reg.No	Name	Dept	Mode of Study (PT/FT)	Circular Date	Viva-voce Date	Supervisor Name	Title
1	20RHEG1006	Priyadarshini MC	English	PT Internal	26.07.2024	24.08.2024	Dr. Prakash A	*Gender, Archetypes and Feminist Voices in the Great Indian Epics*
2	18REAE1002	Shiva Prasad U	Aeronautical	PT External	10.08.2024	27.08.2024	Dr. R. Naren Shankar	*Aerodynamic and Acoustic Characteristics of Serrated Airfoil*
3	20RHEG1001	A Sangeeth Kumar	ENGLISH	PT External	06.08.2024	30.08.2024	Prakash A	*Religious and Political Clashes in Turkey: A New Historical Reading of Orhan Pamuk's Select Novels*
4	16RECS1006	K. Rajathi	CSE	PT Internal	05.08.2024	31.08.2024	Dr. Gomathi N	*Segmentation-Based Adaptive Path Planning for Unknown Environment Monitoring using Intelligent Slam*
5	19REEC1012	Vishnu Kumar	ECE	PT Internal	16.08.2024	02.09.2024	Dr. Aloy Anuja Mary G	*Development and Validation of Machine Learning Strategies for Sensor Fault Detection and Identification using Methane as Use-Case*
6	19RMBM1001	Pradeep M	Management Studies	FT	12.08.2024	03.09.2024	Dr. G. Manoj	*A Study on Consumer Buying Behaviour Towards Home Electronic Products*
7	20REME1003	Karthick M	MECH	PT Internal	19.08.2024	04.09.2024	Dr. Lenin N	*Experimental Investigation on Turning Performance of Cryo-treated Tungsten Carbide Tool Insert*
8	19REME1006	C. Devi	MECH	PT External	19.08.2024	04.09.2024	Dr. M. Sivakumar	*Experimental Investigation on End Milling of Custom 450 Stainless Steel using Cryo-Treated Tungsten Carbide Tool Insert*
9	20RMBM1021	Biniyam Aweke Getachew	Management Studies	FT	12.08.2024	05.09.2024	Dr. P. Elantheraiyan	*The Impact of Motivation on Employee Performance with the Mediating Effect of Organizational Citizenship Behavior: in the Case of Addis Ababa Education Sector*

10	19RECS1018	C. Saranya Jothi	CSE	PT Internal	13.08.2024	09.09.2024	Dr. D. Umanandhini	*Design of Data Pre-processing and Machine Learning Technique to Classify the Hepatitis Clinical Data using HBPSO Optimization Algorithm*
11	19RHMA1009	P.K. Hemalatha	MATHS	PT Internal	19.08.2024	09.09.2024	Dr. Shanmuga Priya R	*A Study on Fuzzy Labeling Graphs and its Application*
12	19RHMA1010	Saranya P	MATHS	PT Internal	23.08.2024	09.09.2024	Dr. Chandrasekaran E	*Selected Inventory Models for Deteriorating Goods*
13	20RHBT1001	Rajalakshmi M	Biotechnology	FT	28.08.2024	13.09.2024	DR. P. AZHAGU SARAVANA	*Studies on Integrated Hydroponic Phytoremediation System for the Treatment of Nitrogen Rich Aquaculture Discharge*
14	20RHMA1005	Kathavarayan P	MATHS	PT External	23.08.2024	14.09.2024	Dr. T. Gunasekar	*Degree based Topological Indices for some Molecular Graphs*
15	19REBT1001	Nirmala Nithya R	Biotechnology	PT Internal	30.08.2024	18.09.2024	Dr. Mugesh S	*Development of Process for the Enhanced Production of Polyhydroxybutyrate from the Novel Bacterial Isolates*
16	20RHEG1008	Siva R	English	PT Internal	23.08.2024	20.09.2024	Dr. M. Ramesh	*Signs of Change: Representation of Women in the Select Novels of Buchi Emecheta*
17	19RECS1023	Arivubrakan P	CSE	PT Internal	04.09.2024	20.09.2024	Dr. Kanagachidambaresan	*Design of Quality of Service Aware Routing Algorithms for Internet of Things Environment*
18	17REME1002	Parala Jaya Prakash	MECH	PT External	05.09.2024	20.09.2024	Dr. J.M. Babu	*Experimental Analysis on DI Diesel Engine Powered by Acacia Biodiesel in Dual Fuel Mode*
19	14RECS1014	K. Nagalakshmi	CSE	PT External	05.09.2024	20.09.2024	Dr. Gomathi N	*Energy-Efficient Criticality-Aware Task Scheduling for Multicore Platforms in Safety-Critical Systems*
20	19RECS1022	Manjunathan N	CSE	PT Internal	5.9.2024	20.09.2024	Dr. Gomathi N	*Disease Classification and Early Prediction for Heterogeneity Problem in Healthcare Environment*
21	18REEC1007	Kalaiarasi P	ECE	FT	06.09.2024	23.09.2024	Dr. R.S. Valarmathi	*Human Emotion Recognition based on Facial Features using a Hybrid PSO-GA Optimized Convolutional Neural Network*
22	20REBT1001	Maheswari V	Biotechnology	FT	02.09.2024	23.09.2024	Dr. Azhagu Saravana Babu	*Evaluation of Bioactive Compounds from Marine Brown Algal Species as a Potential Therapeutic and Nutraceutical Agent*
23	17RECS1031	MOHAMMED ZAHEER AHMED	CSE	PT-E	06.09.2024	23.09.2024	Dr. J. Visumathi	*A Novel Framework for Medical Data Classification and Identification using Deep Learning Approach*
24	19RECS1025	S. Balaji	CSE	PT-E	6.9.2024	23.9.2024	Dr. G. Dhanabalan	Hybrid Machine Learning Algorithm for Intrusion Detection in Internet of Things
25	19RHMA1007	M. Suba	Mathematics	PT-E	6.9.2024	23.09.2024	Dr. Shanmuga Priya R	*Fuzzy Mathematical Models for Complex Medical Issues*

26	18RMBM1003	Kandati Sai Chandu	Management Studies	PT-E	05.09.2024	24.09.2024	Dr. G. Manoj	*Impact Analysis of Campus Recruitment Training Programme on the Placement of Management Graduates Across Rayalaseema Region in Andhra Pradesh*
27	19RHEG1006	Vimochana M	English	PT-E	05.09.2024	25.09.2024	Dr. Bindu M.R.	*Embellishment of Drama by Conscious Infusion of the Elements of RASA in the Plays of Girish Karnad*
28	16RECV1001	Baskar S	CIVIL	PT-I	10.09.2024	25.09.2024	Dr. Aswin Sidhaarth K.R.	*Exploration of Powdered Clamshell as a Sustainable Adsorbent for Removal of Nickel and Mercury from Aqueous Solution*
29	20REEC1006	Chadalavada Mohan Sai Kumar	ECE	PT-I	13.009.2024	26.09.2024	Dr. R.S. Valarmathi	*Certain Investigations on Image Dehazing and its Application to Change Detection in Adverse Environment Conditions*
30	20RHEG1003	J Sathish Kumar	ENGLISH	PT-E	11.09.2024	26.09.2024	Dr. Prakash A	*The Farsight Vision Of Michael Chabon as Seen in his Select Novels: A Didactic Approach*
31	19RECS1003	Femi D	CSE	PT-I	12.09.2024	27.09.2024	Dr. M.A. Mukunthan	*Attention-Based Deep Residual Dense Network with Cascaded CNN for Multiclass Classification and Recognition of Plant Leaf Diseases*
32	20RECV1001	Jayadurgalakshmi M	CIVIL	PT-E	13.009.2024	27.09.2024	Dr. S. Kandasamy	*The Synergistic Effect of Pumice, Cenosphere and Coal Bottom Ash on the Mechanical and Durability Properties of Sustainable Concrete*
33	13REEE1010	Sivaraj P	EEE	PT-I	13.09.2024	27.09.2024	Dr. K. Karunanithi	*Investigation of Losses and Performance Evaluation of Solar PV – Inverter by Optimum Power Point Tracking using CNN*
34	20REEC1015	S. Aswath	ECE	PT-I	13.09.2024	27.09.2024	Dr. R.S. Valarmathi	*Certain Investigations on Computational Techniques to Detect Obstructive Sleep APNEA*
35	20RECV1015	S. Shabarish	CIVIL	FT	18.09.2024	27.09.2024	Dr. K. Tamilarasan	*Intensification Effect of Combined Liquefaction on Macroalgae: An Energy Efficient Biohydrogen Production*

Appendix Q

"14th Convocation"

47.10 To record the proceedings of the 14th Convocation held on
September 28th and 29th of 2024
14th Convocation of VEL TECH RANGARAJAN DR. SAGUNTHALA R&D
INSTITUTE OF SCIENCE AND TECHNOLOGY

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

Day 1 – 28.09.2024, 2:30 PM

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

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

Following her address, degrees were awarded to students from selected faculties. Mr. Rajesh Mittal, President and Managing Director, ISRO Motors Ltd., Chennai, one of the Guests of Honour, shared valuable insights on the transition from academia to the corporate world. He underscored the importance of ethical values for

success in professional life, drawing attention to the work ethics of Japan, particularly honesty, humility, and the importance of authentic reporting.

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

Day 2 – 29.09.2024, 10:30 AM

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

1. Dr. Rajarajan, Distinguished Scientist and Director of Satish Dhawan Space Centre (SDSC) SHAR, ISRO, Sriharikota.
2. Dr. Babuji Cherikuri, Anaesthesiologist, Apollo Hospital, Chennai.

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

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

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

Appendix R

NEP 2020 - Office of the Dean Academics

Welcome

www.veltech.edu.in

Vel Tech

Concept Note on Implementation of NEP 2020

(From Academic Year 2025-26)

Presented By
Dr. Raju Shanmugam

Professor – CSE & Dean – Academics

Date & Time: On 23 November 2024 at 10.30 am / Venue: Senate Hall

Vel Tech

Outline

PART A -UG Engineering Programmes – B.Tech. (4 Years)

- **Course Types and Credit Distribution**
- **Curriculum Structure**
- **Degree with Specialization**
- **Degree with Honors**
- **Degree with Minor**
- **Multiple Exit and Multiple Entry**
- **Credit-Hour Requirement**
- **Programme Credit Distribution**

Vel Tech

Outline

PART B -UG Arts, Science and Commerce Programmes

- Course Types and Credit Distribution

PART C - PG Arts, Science & Engineering Programmes – M.Tech./M.Sc/M.A.

- Course Types and Credit Distribution

Vel Tech

Existing UG Engineering Programmes – B.Tech. (4 Years)

S.No.	Programme
1	B.Tech. - Mechanical Engineering
2	B.Tech. - Civil Engineering
3	B.Tech. - Aeronautical Engineering
4	B.Tech. - Electrical and Electronics Engineering
5	B.Tech. - Electronics & Communication Engineering
6	B.Tech. - Biomedical Engineering
7	B.Tech. - Biotechnology
8	B.Tech. - Computer Science and Engineering
9	B.Tech. - Computer Science and Design
10	B.Tech. - Computer Science and Engineering (AI & ML)
11	B.Tech. - Computer Science and Engineering (Cyber Security)
12	B.Tech. - Computer Science and Engineering (Data Science)
13	B.Tech. - Artificial Intelligence (AI) and Data Science
14	B.Tech. - Artificial Intelligence and Machine Learning
15	B.Tech. - Information Technology

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Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.) Course Types and Credit Distribution (Tentative)

S. No.	Course Type	CT	#Courses	#Credits	%
1	Basic Science Courses	BSC	6	14	9
2	Basic Engineering Courses	BEC	5	14	9
3	Programme Core Courses	PCC	21	54	33
4	Programme Elective Courses	PEC	6	18	11
5	Experiential Learning (Int/PJ/OJT)	PCC	3	19	12
6	Open Elective / Minor Courses	OEC	-	15	9
7	Humanities and Social Science Courses	HSS	4	6	4
8	Ability Enhancement Courses	AEC	4	8	5
9	Skill Enhancement Courses	SEC	4	8	5
10	Value Added Courses	VAC	4	8	5
	Total			164	100

Vel Tech

**Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)
List of Courses (Tentative)**

Basic Science Courses	BSC

1. Applied Chemistry
2. Applied Chemistry Lab
3. Applied Physics
4. Applied Physics Lab
5. Mathematics I
6. Mathematics II
7. Computational Methods

**Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)
List of Courses (Tentative)**

Basic Engineering Courses	BEC

1. Problem Solving and Programming
2. Problem Solving and Programming Lab
3. Engineering Graphics
4. Engineering Mechanics
5. Basic Electrical & Electronics Engineering
6. Basic Electrical & Electronics Engineering Lab
7. Workshop Practice

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Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)
List of Courses (Tentative)

Humanity and Social Science Courses	HSS

1. Environmental Studies
2. Gender Studies
3. Indian Culture and Civilization
4. Indian Constitution
5. Organizational Behavior
6. Ethics and Culture or Professional Ethics for Engineers

Vel Tech

Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)
List of Courses (Tentative)

Ability Enhancement Courses	AEC

1. Modern Indian Languages
2. Foreign Languages
3. Content Writing & Editing
4. Communicative English
5. Soft skill

Vel Tech

Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)
List of Courses (Tentative)

Skill Enhancement Courses	SEC

1. Professional Communication
2. Critical Thinking
3. Design Thinking
4. Creativity and Innovation
5. Entrepreneurship
6. Seminar and Technical Report Writing
7. Business Communication
8. Social Media Marketing
9. Organic Farming

Vel Tech

Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)
List of Courses (Tentative)

Value Added Courses	VAC

1. Skill Development & Prototyping
2. Indian Health, Wellness and Psychology
3. Basics of Aptitude and Design Thinking
4. Indian Knowledge System
5. Constitutional Values and Fundamental Duties
6. Financial Literacy
7. Emotional Learning and Intelligence
8. Vedic Mathematics-I

Vel Tech

Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)
List of Courses (Tentative)

Open Elective/Minor Courses	OEC

- MOOC – SWAYAM/NPTEL (3 Cr.)
- Courses offered by International Institutions (2 Cr.)
- Courses offered by Industries/TBI (3 Cr.)
- Courses offered by Other Department/School (3 Cr.)
- Courses offered by Campus to Corporate (4 Cr.)

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Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)

Degree with Specialization

Students who wish to get degree with specializations (164 Credits):

- **Will have to choose all the <u>Programme Electives Courses</u> (PEC) from the Specialization offered by the Dept.**
- Number Courses – 6 to 8
- 2 or 3 Credits each
- Total Credits – 18
- Courses may be a theory with embedded lab component
- **Ex: B.Tech. Electrical Engineering with Specialization in Electrical Vehicle**

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Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)

Degree with Honours

Students who wish to get degree with Honours (164+18 Credits):

• **Will have to do additional courses in their major discipline**

• Number Courses – 5

• Additional Credits – 18 / Total Credits = 182

• Courses may be a theory with embedded lab component

• **EX: B.Tech. (Hon.) Mechanical Engineering**

Vel Tech

Existing UG Engineering Programmes – B.Tech. (4 Years) (164 Cr.)

Degree with Minor

<u>Students who wish to get degree with Minor (164+18 Credits):</u>

- **<u>Will have to do additional courses in their chosen minor offered by other Department/school</u>**
- Number Courses – 5
- Additional Credits – 18 / Total Credits = 182
- Courses may be a theory with embedded lab component
- **EX: B.Tech. Mechanical Engineering with Minor in Artificial Intelligence**

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Credit-Hour Requirement

S No	Course Delivery Method	Credit – Hour	Sample L-T-P-C Structures
1	Theory (L) and/or Tutorial (T) Only Courses	1 Hr. Theory = 1 Credit 1 Hr. Tutorial = 1 Credit	1-0-0-1 / 2-0-0-2 / 1-1-0-2 / 3-0-0-3 / 2-1-0-3 / 4-0-0-4 / 3-1-0-4
2	Practical (P) Only Courses	1 Hour Lab = 0.5 Credit 2 Hours Lab = 1 Credit	0-0-2-1 / 0-0-4-2 / 0-0-6-3
2	Theory, Tutorial & Practical	As stated in (1) & (2) above	1-1-2-3 / 2-0-2-3 / 3-0-2-4 / 2-0-4-4 / 3-1-2-5 / 0-0-6-3 / 0-0-8-4
3	Project (PJ) / Internship (IN)	1 Hour IN/PJ = 0.5 Credit 2 Hours IN/PJ = 1 Credit	Same as in (2) & 0-0-5-10 / 0-0-24-12 / 0-0-30-15
4	MOOC	6 Weeks = 1 Credits / 8 Weeks = 2 Credits / 12 Weeks – 3 Credits	

Multiple Exit – Multiple Entry
(With Certificate / Diploma / Advanced Diploma

Credits Earned Progressively Over 4 Years												Details of Award on Exit@
First Year		SB	Second Year		SB	Third Year		SB	Fourth Year		Tot. Cr.	
Sem.1	Sem.2		Sem.3	Sem.4		Sem.5	Sem.6		Sem.7	Sem.8		
22	23	3	-	-	-	-	-	-	-	-	48	Exit at the end of 1st Year – Under Graduate Certificate
22	23	-	23	23	3	-	-	-	-	-	94	Exit at the end of 2nd Year – UG Diploma in <Domain Name)
22	23	-	23	23	-	23	22	-	-	-	136	Exit at the end of 3rd Year – Advanced Diploma in <Domain Name)
4.5			5.0			5.5			6.0		164	NCrF Level

Vel Tech

Programme Credit Distribution

S. No.	Course Type	CT	#Credits	Sem.1	Sem.2	Sem.3	Sem.4	Sem.5	Sem.6	Sem.7	Sem.8
1	Basic Science Courses	BSC	14	7	7						
2	Basic Engineering Courses	BEC	14	7	7						
3	Programme Core Courses	PCC	54		6	12	12	12	9	3	
4	Programme Elective Courses	PEC	18			3	6	6	3		
5	Experiential Learning (Int/PJ/OJT)	PCC	19					3	1	3	12
6	Open Elective / Minor Courses	OEC	15			3	3		3	3	3
7	Humanities and Social Science Courses	HSS	6	2			2			2	
8	Ability Enhancement Courses	AEC	8	2		2			2	2	
9	Skill Enhancement Courses	SEC	8	2	2	2			2		
10	Value Added Courses	VAC	8	2	1	1		2	2		
	Total		164	22	23	23	23	23	22	13	15

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PART B -UG Arts, Science and Commerce Programmes

UG Arts & Science	B.Com.
	B.Sc. Multi Media
	B.Sc. Visual Communication
	BBA

Vel Tech

PART B -UG Arts, Science and Commerce
Programmes - BSc/BCom/BBA – (160 Cr.)
Course Types and Credit Distribution

S. No.	Course Type	CT	#Courses	#Credits
1	Ability Enhancement Course	AEC	5	10
2	Multi/Interdisciplinary Course	MDC	3	6
3	Open Elective Course	OEC	3	8
4	Programme Core Course	PCC	20	86
5	Programme Elective Course	PEC	8	32
6	Skill Enhancement Course	SEC	5	10
7	Value Added Course	VAC	4	8

Vel Tech

PART C - PG Engineering, Science & Arts Programmes

PG Engineering M.Tech.	MTech - Aeronautical Engineering
	MTech - Big Data Analytics
	MTech - Biotechnology
	MTech - Computer Science and Engineering
	MTech - Embedded Systems and Technologies
	MTech - Environmental Engineering
	MTech - Industrial Safety and Engineering
	MTech - Information and Cyber Security
	MTech - Metallurgical and Material Science Engineering
	MTech - Power Electronics
	MTech - Structural Engineering
PG Arts	MA - English
PG Science	MSc - Chemistry
	MSc - Data Analytics
	MSc - Maths
	MSc - Physics

Vel Tech

PART C - PG Engineering, Science & Arts Programmes – M.Tech./M.Sc./MA Course Types and Credit Distribution

S. No.	Course Type	CT	#Courses	#Credits
1	Skill Enhancement Course	SEC	1	2
2	Open Elective Course	OEC	1	2
3	Programme Core Course	PCC	10	34
4	Programme Elective Course	PEC	7	22
5	Value Added Course	VAC	1	2
6	Major/Spec. Project	PCC	2	26
Total			22	88

Vel Tech

MEME Option - BSc (Hons.) / BBA (Hons.) / BCom (Hons.)

Credits Earned Progessivelly Over 4 Years												Details of Award on Exit@
First Year		SB	Second Year		SB	Third Year		SB	Fourth Year		Tot. Cr.	
Sem.1	Sem.2		Sem.3	Sem.4		Sem.5	Sem.6		Sem.7	Sem.8		
22	20	4	-	-	-	-	-	-	-	-	46	Exit at the end of 1st Year – Under Graduate Certificate in <Domain Name)
22	20	-	22	20	4	-	-	-	-	-	88	Exit at the end of 2nd Year – Under Graduate Diploma in <Domain Name)
22	20	-	22	20	-	22	20	-	-	-	126	Exit at the end of 3rd Year – Advanced Diploma in <Domain Name) or BSc <Domain Name)

Request for Suggestions from Hon. Members Please…….

Thank You

Appendix S

Progression of School of Electrical and Communication
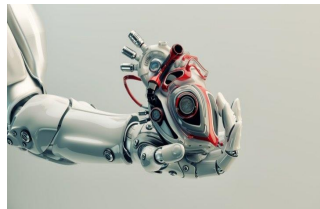
- **Electronics and Communication Engineering**
- **Electrical and Electronics Engineering**

- **Biotechnology**
- **Biomedical Engineering**

PROGRAMMES OFFERED

B.Tech. Electronics and Communication Engineering

Specilizations:

- ✓ **Artificial Intelligence and Data Science**
- ✓ **Artificial Intelligence and Machine Learning**
- ✓ **Cyber Security**
- ✓ **Internet of Things**
- ▪ **Minors – Smart Communication Technologies**
            Smart Automation
- ▪ **Honors – AI for Wireless Communication**
            VLSI System Design
- ○ **M.Tech. Embedded System Technologies**
- ❖ **Ph.D. Programme**

B.Tech. Electrical and Electronics Engineering
Specilizations:
- ✓ **Computer Systems**
- ▪ **Minor – Electric Vehicle Technology**
                Renewable Energy Sources
- ▪ **Honors – Smart Grid Technologies**
○**M.Tech. Power Electronics**
❖**Ph.D. Programme**

B.Tech. Biotechnology
Specilization:
- ✓ **Food and Precision Agriculture**
- ▪ **Minor – Bioprocess Control and Devices**
- ▪ **Honors – Bioengineering**
- ○ **M.Tech. Biotechnology (Industrial Biotechnology) – DBT Sponsored**
- ❖ **Ph.D. Programme**

B.Tech. Biomedical Engineering
Specilization:
- ✓ **Artificial Intelligence in Healthcare Technology**
- ▪ **Minor – Brain Computer Interface**
- ▪ **Honors – Precision Healthcare Technology**
- ❖ **Ph.D. Programme**

Highlights

TOTAL FACULTY : 171
- PDF : 7
- Doctorates : 156
- Ph.D. pursuing : 08

MoUs
- ECE : 1   EEE : 1
- BT : 1   BME : 1

R&D/CONSULTANCY/SEED FUND
- Research Funding : ₹243.9 Lakh
- Consultancy : ₹10.36 Lakh
- Seed Fund : ₹26.86 Lakh

RESEARCH LABORATORIES
- ECE : 7
- BT : 4
- EEE : 1

PUBLICATIONS
- WoS : 69
- Scopus : 95
- Patents : 3 (Granted)
- Books : 7

STUDENTS INTERNSHIP
- International : 42 students
- Industry : 137 students

FACULTY CAPACITY BUILDING
- Conference : 34
- FDP/Workshop : 123

EVENTS ORGANIZED
- FDP/Workshop/Guest Lecture/ VAC/IHL : 18

Major Facilities Created

S.No	Lab Name	Particulars	No of Users	Total Amount
1	Signal Processing Laboratory	MATLAB R2024a	Campus wide License	Rs.19,51,425
2	Optical and Microwave Engineering Laboratory	ANSYS Academic Multiphysics Campus Solution 2024 R1	100 (Academic) 10 (Research) – ECE, EEE & Mechanical	Rs.10,50,000
3	Cyber security Laboratory (New Lab)	Sophos EDR (End Point Detection and Response)	40 users	Rs.1,00,000
		Nessus Professional Network Scanning Test	1 user	Rs.3,75,000
		Burp Suite Professional (DAST Web Application Tool)	1 user	Rs.1,25,000
4	Embedded Systems & Robotics Laboratory	MDK EDU Professional KEIL-NL 1YR	50 users	Rs.2,33,640
			Total	**Rs.38,35,065/-**

Software Purchase/ New Labs Established	Total Amount
Cadence Software - 20 users	Rs. 8,00,000
Mapusoft Professional Pack Academic - 5 users	Rs. 4,90,875
DIgSILENT Software with perpetual license	Rs. 2,29,500
Centre for Bioenergy and Bio products development (Funded by DST)	Rs. 68,50,000
Center for Biomaterials and Environmental Biotechnology Laboratory (Funded by DBT)	Rs. 21,68,991
Center for Metabolic Engineering and Synthetic Biology Laboratory (Funded by DBT)	Rs. 28,18,300
Center for Interfaces and Nanomaterials Laboratory (Funded by DBT)	Rs. 39,48,337
Biomechanics Laboratory	Rs. 16,00,080
Diagnostic and Therapeutic Laboratory	Rs. 10,59,595
Sensors and Transducers Laboratory	Rs. 3,46,911
Total	**Rs. 2,03,12,589/-**

- **New Lab facility Established**

Vel Tech – Tessolve Centre of Excellence (VTCoE)

- Department of ECE in association with Campus to Corporate has collaborated with Tessolve Semiconductors Pvt. Ltd, Chennai established a VTCoE in VLSI, AIML, Embedded, Robotics and IoT.

- Equipment were purchased during June 2024 with a total amount of Rs. 20,46,000/- in which Tessolve has sponsored Rs. 6,13,000/-.

Faculty Cadre & Qualification

Category	ECE	EEE	Biomed	Biotech	Total
Professor	**23**	**5**	**1**	**4**	**33**
Associate Professor	**34**	**3**	**4**	**2**	**43**
Assistant Professor	**65**	**12**	**7**	**11**	**95**
Total	**122**	**20**	**12**	**17**	**171**

Qualification	ECE	EEE	Biomed	Biotech	Total
With PDF & Ph.D.	3	-	-	4	7
With Ph.D.	117	15	11	13	156
Pursuing Ph.D.	2	5	1	0	8
Total	122	21	12	17	171

Gender	ECE	EEE	Biomed	Biotech	Total
Male	73	19	5	9	106
Female	48	2	7	8	65
Total	123	21	12	17	171

R&D Projects – Funding/Consultancy/Seed Fund (Ongoing)

Dept.	Funded Project	Amount in Lakh
Biotechnology	4	210.89
ECE	5	140.41
Total	9	351.3

Dept.	Seed Fund	Amount in Lakh
Biomed	3	5.48
Biotechnology	8	11.37
ECE	5	6.43
EEE	2	3.58
Total	18	26.86

Research Development Fund - Rs.21 Lakh

VTCoE Centre of Excellence - Rs. 20.46 Lakh

Dept.	Consultancy	Amount in Lakh
Biotechnology	2	4.60
ECE	3	5.76
Total	5	10.36

Dept.	Projects Proposal Submitted	Amount in Lakh
Biomed	9	250.08
Biotechnology	22	240.82
ECE	88	1074.63
EEE	24	66.7
Total	143	1632.23

IEEE – Rs. 12,66,653 /-

Total Research Grant – Rs. 40,23,100 /-

Government of India, Ministry of Electronics and Information Technology (MeitY) under the Chip to Startup (C2S) initiative, has sanctioned an EDA Tool Support of Rs. 40 Lakhs worth software towards Synopsys and Cadence on 30.10.2024.

Team Members

1. Dr.S.Shiyamala, Professor / ECE
2. Dr.J.L.Mazher Iqbal, Professor / ECE
3. Dr. A. Mutharasan, Assistant Professor / ECE

Dr. D. J. Joel Devadass Daniel, Asst. Prof, ECE has received Young Scientist Fellowship amount of Rs. 23100 from Tamil Nadu State Council for Science and Technology (TNSCST) for a duration of 2 months on 07-11-2024.

Research Details, Publications & Patents

Research Details	ECE	EEE	Biomed	Biotech	Total
Research Supervisors	77	14	7	13	107
Research Scholars	16	3	10	28	41
Ph.D. Awarded	14	6	-	3	13

Patents	ECE	EEE	Biomed	Biotech	Total
Filed & Published	17	5	1	7	30
Granted	1	2	0	0	3

Journal Article / Book Publications	ECE	EEE	Biomed	Biotech	Total
WoS Indexed	22	17	6	24	69
Scopus Indexed / Book Chapters	62	25	7	1	95
Total	84	42	13	25	164
Books	6	0	0	1	7

Memorandum of Understandings (MoUs)

S.no	Name of the Research Institute/University/ Organization	Department	Place	Purpose of MoU	Date of Signing
1	Nasscom /IT sector Skill Council	ECE	Noida	**NSDC certification** for qualification of National Occupational Standards (NOS)	14.08.2024

The Department of Biotechnology has signed MoU with Tamil Nadu Agricultural University, Coimbatore

Faculty Awards and Achievements

S.No	Name of the Faculty	Month and Year of Award	Name of the Award / Award Agencies	Certificates
1	Dr. J. L. Mazher Iqbal	Nov 2024	NPTEL Topper IIT Kharagpur Top 5%	
2	Dr. S. Jana	Nov 2024	NPTEL Topper IIT Kharagpur Top 5%	

Faculty Achievements

S. No	Name of the Faculty	Month and Year of Award	Name of the Award / Award Agencies	
3	Dr. R.S. Valarmathi	September 2024	**Keynote Speaker** in the 7th International Conference on Electronic Design (ICED) 2024, University Malasiya Perlis, Penang.	
4	Dr. R.S. Valarmathi	June 2024	**Session Chair & Panelist for Women in STEM in the** 15th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT 2024), IIT, Mandi	

Faculty Interaction with Outside World

No. of Faculty involved in Guest Lecture / Judges / BoS Members / Chairpersons / Chief Guests in other Organizations

Dr.R. Ravikumar → Delivered seminar on "Innovative Applications of Absorption Columns in the Bioenergy Sector in St. Peter's College of Engineering and Technology on 15.11.2024

Dr.P.Azhagu Saravana Babu → National Education Day Competition (Judge – Model Display) at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology on 04/11/2024

Dr.S.Mugesh →
- Resource person in national level workshop on "Biogas Technologies for A sustainable Circular economy" in SIMATS, Chennai on 06/Nov/2024
- Resource person in FDP on "Metabolic Engineering: An Innovative Path Towards Industry" in SIMATS, Chennai on 03/July/2024
- BOS member of Arunai Engineering College, Tiruvannamalai.

Dr.R.Sai Nandhini →
- Resource Person in webinar on "Go green and Be Eco-friendly", Cheran Arts & Science College, Tiruppur, on 14.07.2024
- Resource Person in webinar on "Innovation and Start-up Ecosystem Enablers", K.S.R College of Arts & Science for Women, Namakkal, on 12.08.2024
- Resource Person in webinar on "Innovation/Prototype Validation – Converting Innovation into a Start-up", RBVRR Women's College of Pharmacy, Hyderabad, on 27.07.2024

Faculty Interaction with outside world

Dr.Sugumari Vallinayagam

- Resource Person in Workshop on " Accelerators/Incubation - Opportunities for Students & Faculties - Early-Stage Entrepreneurs" RBVRR Women's College of pharmacy, 30/07/2024.
- Resource Person in Webinar on "Lean start-up & minimum viable product/business", DVR and Dr HS MIC College of Technology, Kanchikacherla, 07/07/2024.

- Resource person in Webinar on "Science/Technology developments - Innovations in Nano-Biotechnology for Industrial Applications", K.S.R College of Arts and Science for Women on 10/08/2024.

- Delivered webinar on "Accelerators, Incubators- Early stage entrepreneurs", Prathyusha Engineering College, Tiruvallur,. 29-07-2024
- Resource person in Workshop on " Accelerators/Incubation - Opportunities for Students & Faculties - Early-Stage Entrepreneurs" MIDSR Dental College and Research, Institution's Innovation Council (IIC), 12/08/2024

Dr.S.Shobana

Resource Person for the pre-conference workshop on "Hands on training in Real time PCR" on 19th July 2024 in Meenakshi Academy of Higher Education and Research.

Faculty Interaction @ Industry

Dr. K. Jagajjanani Rao and Dr.K.Tarangini - Research interaction with DBT - CoE, Bioresources and Sustainable Development Arunachal Pradesh, India

Dr. S.Mugesh – Research Interaction with Dr. Vijai Singh, Dean R&D, Indrashil University, Dr. Karthik Rajendran, Dean IQAC, SRM-AP on 18th Sep. 2024

Dr. Sugumari Vallinayagam – Research Interaction with Dr. Yukio Nagano, Analytical Research Center for Experimental Sciences, Saga University, Japan

Industrial Visit by EEE (2 visits)

Industrial Visit by ECE Students (4 visits)

S. No	Company Name	Date of Visit	Year	No. of Students visited the company
1.	NIOT	19-07-2024	II- ECE	51
2.	Southern Railways	20-08-2024	II-ECE	09
3.	CSIR	26-09-2024	III- ECE	61
4.	RETECH Solutions	30-09-2024	II & III-ECE	63

Department of EEE in association with Institution's Innovation Council – Vel Tech, National Innovation and Startup Policy (NISP) organized a **Workshop** on **"Entrepreneurship & Innovation as Career Opportunity"** on 19 Sep. 2024.

No. of Participants: 108

IHL Courses Organized by Biotechnology
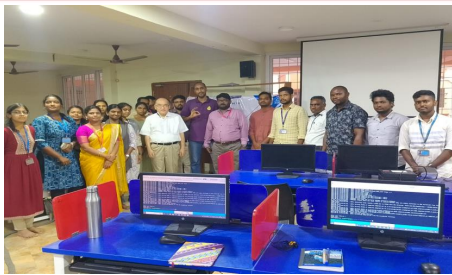
"1 credit IHL course on "Genomics and Bioinformatics" was organized on 29/07/2024 to 31/07/2024 for III and IV Year Biotechnology Students by Dr. Yukio Nagano, Saga University, Japan.

"1 credit IHL course on "High Performance Liquid Chromatography – Basic and Case Studies on Analysis" was organized on 23/10/2024 and 26/10/2024 for III and IV Year Biotechnology Students by Dr. Mahendran from M/s. Bioneem Technology, Chennai.
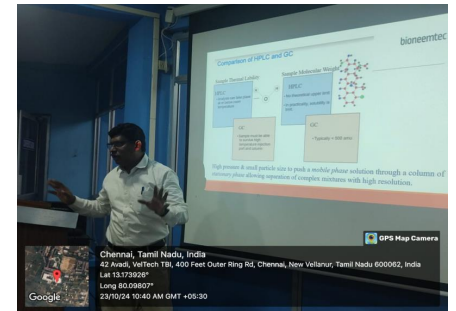
"1 credit IHL course on "Geospatial Modelling in Precision Agriculture and Plant Science" was organized on 31/07/2024 to 02/08/2024 for III and IV Year Biotechnology Students by Dr. Raju Aedla, Kumamoto University, Japan.

Events Organized by the Department of ECE

S. No	Events	Number of Events
1.	Sponsored by IEEE	6
2.	Activities through Professional bodies/chapters	10
3.	Club activities	6
4.	Self-supported	1
	Total	23

Grants Received from IEEE Societies

IEEE Societies	Total No. of Members
Signal Processing Society	69
Communication Society	58
Circuits & Systems	65
Industrial Electronics	15
Power and Energy Society	15
Total	**222**

Total Grants Received Since June 2024: 15,097 USD (Rs. 12.16 Lakh)

Biomedical Engineering, 2023-2027 Batch Student

Ms. S. Divyadarshini (VTU26734), II Year Biomedical Engineering has received Bronze Medal, CM Trophy State Level Silambam Competition and Gold Medal in CM Trophy District Level Silambam competition

Students Academic Achievements - Biotech

Sri Ranjini. K – B.Tech Biotech (2020-2024 Batch) (VTU12397) – **Published Patent** with Dr. S. Mugesh, Prof./BT

Mr. Sai Vamsi Manohar (VTU24146), Ms. Swathi (VTU23685) and Ms. Himavarsha (VTU22462) of III Year Biotech received Dr. Sagunthala Rangarajan Memorial Award for Research and Product Development under the guidance of Dr. J. Jagajjanani Rao, Prof./BT

Ms. H. V. Aishwarya (VTU 23684) of III Year B.Tech Biotech received Dr. Sagunthala Rangarajan Memorial Award for Research and Product Development under the guidance of Dr. K. Tarangini,AP/BT

Ms. G, Swathi (VTU 19912) of IV Year B.Tech Biotech received Dr. Sagunthala Rangarajan Memorial Award for Research and Product Development under the guidance of Dr. K. Tarangini, AP/BT

Ms. Ekta Sharma (VTU19575), Ms. S. Charitha (VTU21141) of IV Year Biotech received Dr. Sagunthala Rangarajan Memorial Award for Research and Product Development under the guidance of Dr. J. Jagajjanani Rao, Prof./BT

Students Academic Achievements - Biotech

S. No.	Student Name	Event Participated	Award secured	Venue
1.	E.Jananie	PI PRO	First Prize	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
2.	K.Sai Vamsi Manohar	Apti Mind	First Prize	
3.	G.Raaghul	State level Yoga Competition	Best Performer	
4.	H.V.Sri Lakshmi Aishwarya	Dance Fest, Navratri Competition	Best Performer	
5.	C.Sushmitha	Virtual Internship on "Molecular Dynamics Simulations for Beginners"	Best performing team	Nyberman Bioinformatics, Chennai
6.	Sivagami. V	TNSCT Student Project Grant	Research Grant	TNSCT, Chennai
7	C.Sushmitha	Nomination for NEP SAARTHI's Interaction & Screening	Student Ambassador	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

Students Academic Achievements - Biotech

G. Raaghul (VTU22426) of Biotechnology department has won best performer in All India Inter State Yoga Championship, Chennai.

Ms. V. Sivagami (B.Tech. Biotech – VTU15548) under the guidance of Dr. S. Chandramohan received Rs. 7500/- Scholarship from TNSCST for the project on Neurotoxicological and behavioral analysis of selenium nanoparticles using zebrafish model

Students Academic Achievements - Biotech

Sri Lakshmi Aishwarya H V (VTU23684) of III Year B.Tech. Biotechnology, won best performer in Navrati Competition which was organized in Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.

Jananie E (20255) of IV Year B.Tech. Biotechnology, won 1st price in PI PRO organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

Sai Vamsi Manohar (VTU24146) of III Year B.Tech. Biotechnology, won won 1st price in APTI MIND organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

Dr. V. Maheswari, Research Scholar of Dr. P. Azhagu Saravana Babu got selected as Food Safety Officer in TN Food Safety Department

Student Internship - ECE

Internship with Minor Project

SL NO	NAME	ORGANIZATION
1	J SANDEEP	NATIONAL SUN YAT-SEN UNIVERSITY, TAIWAN
2	D SIVA GANESH	SAINS ISLAM UNIVERSITY, MALYASIA
3	S INDIRA NARAYANAMMA	SAINS ISLAM UNIVERSITY, MALYASIA
4	K NAGA NEELIMA	SAINS ISLAM UNIVERSITY, MALYASIA
5	ABHIRAJ KUMAR SINGH	IIT ROOKEE

Placement Internship

SL NO	NAME	ORGANIZATION
1	Priyansi	Hinduja Tech.
2	Balpunuri Saketh Reddy	M/s. Turing
3	Garre Seshikala	Trans Technology
4	Lakshmi Prasanna	Trans Technology

Student Achievements - ECE

A team from ECE Department (Out of 50 teams from Our University) was shortlisted and selected for the grand finale of Smart India Hackathon (SIH 2024) which is going to be held at Rungta College of Engineering and Technology, Bhilai, Chhattisgarh on 11 - 12 Dec 2024.

Category: Software

Team Name: Tech Dudes

ID: SIH 1616

Title: The technological solutions for capturing AQI values through mobile and other forms of stations

Theme: Clean & Green Technology

Organization: Government of NCT of Delhi

Team Leader: Tharun E (VTU 23764)

Team Members: Eniya S (VTU 23916), Haarish U (VTU 23768), Mukesh R (VTU 23568), Udaya Prasath M (VTU 23579), Yeshmitaa R J (VTU 23874)

Mentor(s): Dr. S. Aswath (TTS 2851), AP/ECE, Dr. Koushick Venkatesh (TTS 3364), AP/ECE

A team from ECE Department has been selected for the final round of the Ideas for Viksit Bharat "S&T Hackathon", which is going to held at IIT, Guwahati, from 30 Nov to 3 December 2024. The team is going to build and present the working model / software application for the submitted idea during the final round of the Hackathon at IIT Guwahati under the supervision of Dr. G. Sasikala, Prof. / ECE.

Student Team:

Y. Venkata Sai (VTU23741),

K. Valli Sri Subrahmanyeswari (VTU23626),

S. Rakesh Reddy (VTU23650)

Student Achievements - ECE

IEEE SIGNAL PROCESSING SOCIETY (SPS) SCHOLARSHIP

Ms. Tekimudi Sri Sai Lakshmi Revathi (VTU21287) Vel Tech ECE final year student has been selected to receive the **2024 IEEE Signal Processing Society (SPS) Scholarship of Rs. 84,000 (~1000 USD)** for her academic excellence **(CGPA 9.27)** and active involvement in IEEE activities. She also serves as the Student Chair of the IEEE SPS Student Branch Chapter of Vel Tech.

IEEE Signal Processing Society

◆IEEE

Certificate of Recognition

is presented to

TEKIMUDI SRI SAI LAKSHMI REVATHI

as a recipient of the
IEEE Signal Processing Society Scholarship for 2024

Kin-Man (Kenneth) Lam
Vice President-Membership
IEEE Signal Processing Society

TINY FINGERS OF VEL TECH-2024 AWARD CEREMONY ON 08.11.2024

The event was presided over by the Hon. Founder President and Chancellor. A total of **25 SoEC (ECE: 10; EEE: 2; BT: 4; BME: 9)** students were honoured with gifts presented by the Chancellor as a token of appreciation.

Vel Tech   **School of Electrical and Communication**

Sl. No.	Name of the Program	No. of Students Participated
1	Workshop	521
2	Seminar / Webinar / Symposia	484
3	NPTEL/SWAYAM/COURSERA	603
4	Project Competition & Hackathons	76

Internship/In-plant Training	ECE	EEE	Biomed	Biotech	Total
International Internship	10	0	12	8	30
Industry Internship	45	9	1	17	72
In-plant Training	198	8	6	15	227

Awards/Achievements/IHL Courses of SoEC

Items	Count
No. of faculty received awards	29
No. of MoUs signed	11
Value Added Courses offered	10
No. of Ph.D. awarded so far	13
IHL Courses	15

Placement & Graduation Ratio

BATCH 2020 - 24 (Till Date)	ECE	EEE	BIOMED	BIOTECH	Total
Placement	27	16	1	1	45

Graduate Ratio (Batch 2020-24)	ECE	EEE	BIOMED	BIOTECH	Total
Total Students	357	34	29	38	458
Graduated	334	27	29	38	428
% of Graduation	93.5%	79%	100%	100%	93%

Graduation Rate : 93%

Thank You

Appendix T

Progression of School of Media Technology and Communication

Minutes of the 47th meeting of the Academic Council, November 23, 2024.

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About the Department

The School of Media Technology and Communication was established in 2016

The School offers two undergraduate Programmes

B.Sc. VISUAL COMMUNICATION

B.Sc. MULTIMEDIA

Intake 30

Intake 30

B.Sc. Visual Communication
&
Multimedia

Uniqueness of the Programme

- Industry Experienced Faculty.
- Updated syllabus to meet the requirements of the Industry.

- Focus on Production-style training and offer a unique project-based learning experience.

- Creative and Software oriented.
- Three Months Internship.

Students

Student Enrolment	
Programme	**Students Strength**
B.Sc (VC)	69
B.Sc (MM)	58

Faculty

Number of Full Time Teaching Faculty

Designation	Number(s)
Professor	01
Associate Professor	01
Assistant Professor	06

PhD with NET/ SET	PG With NET/ SET	M.Phil. Qualification	PG Qualification
03	01	01	03

FACULTY QUALIFICATION

- PhD withNET/SET
- NET/SET
- Mphil

28%

14%

15%

43%
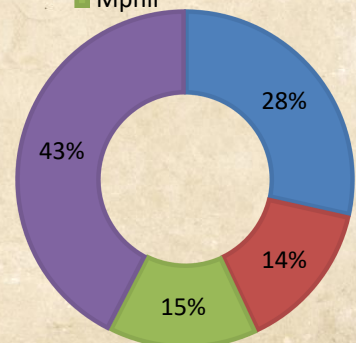
Faculty Profile

Staff Name	Designation	Domain
Dr. Suresh Paul. E	Professor & Dean	Academic and Research, Administration Leadership
Dr. Saravanan. M	Associate Professor	Academics and Research
Mr. Dhayanithi. M	Assistant Professor	Visual Arts and Photography
Ms. Devilakshmi. S	Assistant Professor	3DAnimation, Rotoscope
Mr. Selvavinayagam. S	Assistant Professor	Cinematography and Editing
Mr. Jabez David. J	Assistant Professor	3DAnimation
Ms. Meenalochini S. P	Assistant professor	Television Production
Dr. K. Ebiraj	Assistant professor	Research, Sound, Digital Film making

Teaching Learning Methods

Teaching Methodologies

Classroom Lectures

2. ICT-Enabled Tools: - PowerPoint Presentations (PPT)   - Video Screenings - Online Resources

3. Production-Style Training

4. Project-Based Learning (PBL)

Enrichment Programs

➤ Expert Talks: - Seminars   - Guest Lectures   - Workshops   - Interactive Sessions

➤ Audio and Video Presentations

➤ Industrial Visits Learning

Resources

➤ 24/7 Digital Library Access

➤ Group Discussions

Key Features-

 Blended learning approach (traditional and digital)- Hands-on training through production-style projects- Exposure to industry experts and real-world experiences- Access to extensive digital resources- Collaborative learning through group discussions

Teacher-Student Evaluation

Evaluation Process

- Test I, II, III and Semester Examination
- Model Practical Examination
- Continuous Assessment
- Presentations by students (Individual & Group)
- Assignments
- Internship
- Final Project

FDP & Workshop

Faculty Participated FDP & Workshop

Category	2023-24	2024-25
Faculty Development Programme Attended	07	07
International Faculty Development Programme Attended	02	02
Workshop Attended and Conducted	06	04

Research & Publication

Number of Publications

Category	2023	2024
Research Papers Published in UGC Care listed Journal	02	02
Chapters Contribution in Books (ISBN)	03	05

Number of Research Paper Presentation

Category	2023	2024
International/ National Conference or Seminar	04	04

Department Facilities →

- Photography Studio
- Videography Studio
- News Production Studio
- E-Content Studio
- Sound Studio
- Visual Arts Studio
- Multimedia Lab
- Edit Suite

Photography Studio

A Professional Studio with, high-end DSLR Cameras latest studio lights (5.1 SET UP) and lighting accessories.

Television Studio

Spacious Television Studio with latest Panasonic professional 4K camcorders and lights and accessories.

Sound Studio

Professional Sound Recording Facilities

Industry-leading Pro Tools HD Native Workstation

Expert Dubbing capabilities for flawless voice-overs

Cutting-edge 5.1 & 7.1 Digital Theatre System for cinematic audio experiences

Visual Arts Studio

Artistic Creative Space Equipped with Professional Drawing Tables for optimal comfort and precision. Comprehensive Accessories for various artistic techniques.

Multimedia Lab

Well Equipped computer Lab with High-end Workstations and Latest Designing, Visual Effects, Web Designing & Animation Software.

E-Content / News Production Studio

Studio with latest Panasonic 4K Video Camera, Video Lights and Teleprompter to produce News and Educational Content.

BEST PRACTICES

- Internship
- Fieldwork
- Industrial Visits
- Theoretical cum Practical knowledge
- Industry Expert Talks and Inputs
- Hands on Experience
- Students get live project experience in Photography, Videography & Editing by documenting the University events.

Script to Screen Workshop

"Renowned Film Director, Mr. Gopi Nainar, of

'Aram' Fame, Interacts with Our Students"

"Exploring Opportunities in Digital Media"

Guest Lecture by: Stephen V, Editor, Times of India

(Samyam)

Animation and VFX Workshop

Expert Session by: Mr. Abdul Rashith Veteran 2D Animator & Illustrator, conducted an intensive master class for our media students, delving into the nuances of hand-drawn animation.

"Industry Insights: Contemporary Trends in VFX and Animation"Mr. Jawahar Velraj, Executive Producer, PixStone Image Pvt. Ltd., conducted an enlightening session for our media students,

Amigio Film Crew Visit

Director Mr. Praveen and his crew led an engaging masterclass, offering our students a unique glimpse into the world of film making, from conceptualization to production.

Department organized Fresh o Fest Event for Fresher .
Two Film crew participated in this event

International Girl Child Day

Department organized international Girl Child Day for Women Students .

Acting Workshop

Renowned Theater Artist, Mr. Baskar, and his talented team mesmerized our media students with a captivating performance, demonstrating exceptional acting skills.

Placement Training

Resume writing workshop

PLACEMENTS for
2020 & 2021 Batches

Students Placement
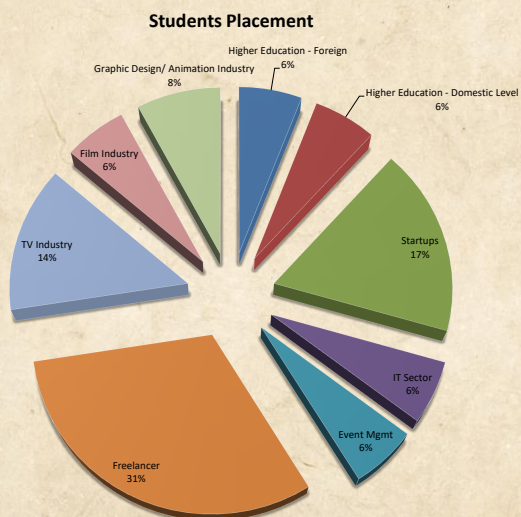
Placements	No. of Student(s)
Higher Education	06
Startups	09
Television Industry	07
IT Sector	03
Event Management	03
Film Industry	03
Freelancer	16
Graphic Design/ Animation Industry	04
Total	51

STRENGTHS

WEAKNESS

- Innovative Teaching Methods
- Industry Experienced Faculty
- Comprehensive Updated syllabus
- Internship and Project
- Student feedback and evaluation

- **Admission Percentage needs to be improved**

Opportunities, Challenges and Future Plans

- Introduce Post-Graduate Programmes

- Launch Certificate Programmes in specialized domains

- Establish consultancy services for industry collaboration

- To equip students with theoretical and technical skills and enable them to become globally competitive.

Thank You

SCHOOL OF MEDIA TECHNOLOGY & COMMUNICATION

Appendix U

Progression of Office of R&D

47th Meeting of Academic Council

47.11 - Progress & Achievement of Office of Research & Development

Dr. P. Chandra Kumar Dean R&D   23.11.2024

Agenda

- Publications in CY 2024

- IPR Status CY 2024

- Seed Money FY 2023-24

- RDF FY 2023-24

- Sponsored projects FY 2023-24

- Consultancy FY 2023-24

- Events Organized by Office of R&D

- Updates of Research Centres Progress

- List of proposals Submitted Last SIX MONTHS

- Collaboration established

Vel Tech Research Park

Publications

Scopus Overall Count - 9352

Year	Publications Count	h Index	Citations
CY 2021	723		
CY 2022	1194	123	76,468
CY 2023	1661		
CY 2024	1824		

WoS Overall count - 3,718

Year	Publications Count	h Index	Citations
CY 2021	475		
CY 2022	607	75	33,133
CY 2023	526		
CY 2024	543		

Awards Function - 2023

Awards Function - 2024

Calendar Year	Incentive	Remarks
2022	Rs. 8.6L	Paid based on claiming
2023	Rs. 40.2L	Paid based on claiming & Q1 WoS considered (Incentive amount revised)
2024	Rs. 42.2L	Based on Vel Tech affiliation standing author position & Q1 WoS considered [To BE PAID]

Calendar Year	NIRF – PU (35)	NIRF – QP (40)
2022	12.56	14.46
2023	12.56	15.02
2024	14.7	16.06

Top 2% Awards- 2024

Calendar Year	Top 2% Scientist
2022	4
2023	4
2024	4

Publication Growth

No of Articles Indexed in Scopus

2021	2022	2023	2024
723	1,194	1,661	1,824

No of Articles Indexed in Web of Science

2021	2022	2023	2024
475	607	526	580
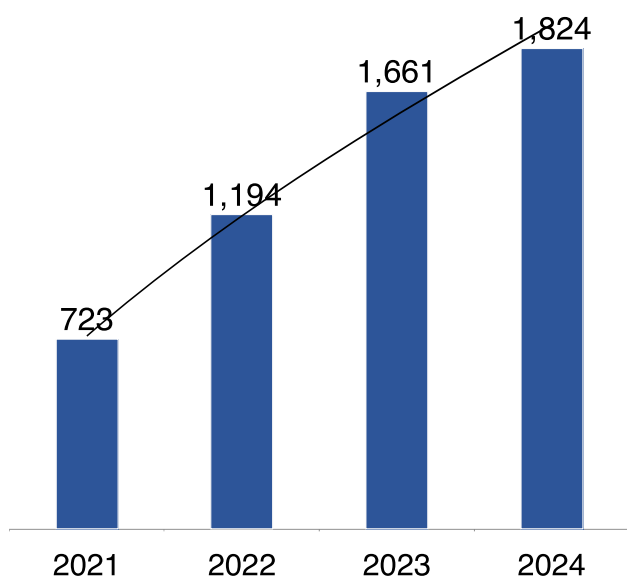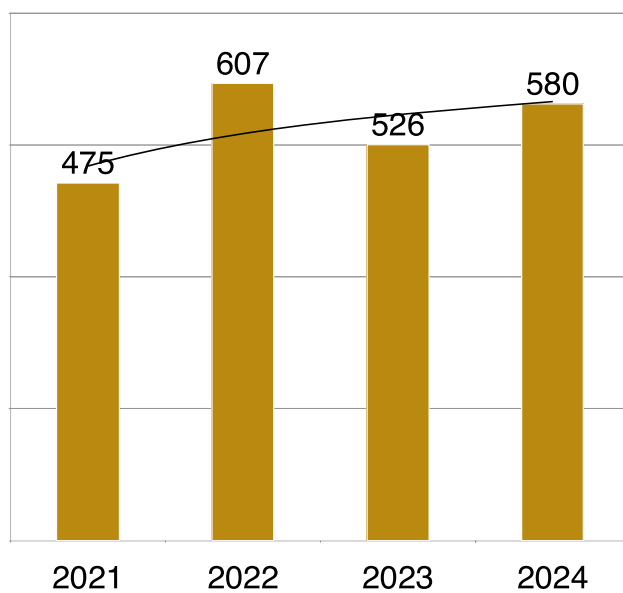
Intellectual Property Rights (IPR)

Calendar Year	Filed	Published	Granted
2022	15	43	13
2023	50	60	25
2024	96	104	21

Calendar Year	Incentive paid (in lakhs)	Remarks
2022	Rs. 0.27	Patent Granted
2023	Rs. 3.55	Patent Published & Granted
2024	Rs. 4.81	Patent Published & Granted
	Rs. 3.83	Patent Published & Granted

KAPILA
Kalam Program for IP Literacy and Awareness
Inviting Nominations from HEI's Across India
Submit Your Entries
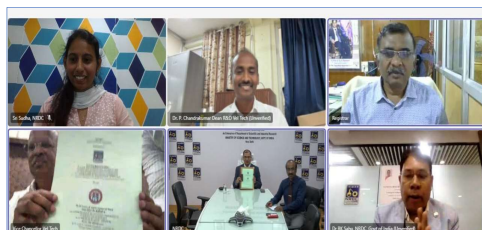
MoU signed with NRDC to validate TRL levels of Patents Granted

Recent IPR Mentoring Sessions

Institute funded Seed Money - FY 2023-24

No. of Faculty Sanctioned	21
Amount Sanctioned in lakhs	30.12 L

S.No	Name of the Department	No. Of Faculty	Amount in Lakhs
1	Biomedical	1	1,70,000
2	Biotechnology	2	3,45,000
3	Chemistry	3	3,75,000
4	Civil	1	1,50,000
5	CSE	5	5,39,000
6	ECE	4	7,18,000
7	MBA	2	2,10,000
8	Mechanical	2	3,05,000
9	Physics	1	2,00,000
		21	30,12,000

- Seed Money provided to all the eligible faculty members
- It facilitates them to Strengthen their Research
- Helps them to bring Collaborations

Expected Outcome:

- Two Quality Publications
- Strengthening their Technology Development
- Expected to Submit funding Proposal

Research & Development Fund FY 2024-25

No of Faculty Sanctioned	75
Amount Sanctioned	50L

Name of the Department	Mount utilized	No of Faculty Benefitted
AERO	₹ 31,270	2
AUTO	₹ 20,700	1
BIOMEDICAL	₹ 66,652	2
BIOTECH	₹ 35,000	1
CHEMISTRY	₹ 132,256	3
CIVIL	₹ 150,341	4
CSE	₹ 494,724	15
ECE	₹ 556,238	16
EEE	₹ 44,877	2
FME - ECE	₹ 37,530	1
MATHS	₹ 92,800	5
MECH	₹ 691,370	16
PHYSICS	₹ 402,026	7
Total	27,55,784	75

- RDF is an initiative designed to encourage research and innovation among faculty serves, the top 75 performing faculty members receive this grant.
- A total grant of Rs. 50.00 Lakhs is allocated each year for faculty members who meet the criteria.
- The grant aims to support research related expenses, focusing high-quality publications in High Impact Factor Journals.
- Approved uses of the fund also includes covering analytical charges and travel expenses for collaborative research activities.

FY 24-25

- Based on high cumulative Impact factor (Journals indexed in WoS)

S.No	Criteria	Weightage
1	Number of Publications indexed in the year CY 2024	35%
2	Cumulative Impact Factor received in CY 2024	15%
3	Cumulative Citations received in CY 2024	15%
4	Number of Patents filed in CY 2024	05%
5	Number of Patents granted in CY 2024	10%
6	Number of scholars awarded Ph.D. in AY 2024-25	05%
7	Consultancy & Corporate Training income generated in FY 2024-25	05%
8	Sponsored project amount received in FY 2024-25	10%
	Total	**100%**

Sponsored Project FY 24-25

Sponsored Research (FY24-25)

No of Research Projects Sanctioned	3
Total Sanctioned Value	119.94L
No of Research Events Sanctioned	3
Total Sanctioned Value	27.31L

Consultancy (FY24-25)

No of Consultancy Carriedout	21
Total Revenue Generated	40.72L

A) Government Agency

B) Non-Government Agency

S. No	VTU Name	Principal Investigator (PI)	Project Title	Agency & Scheme	Amount Sanctioned in Rs.	Duration	Collaborative Institute
1	VTU ISRO RESPOND 4	Dr. G. Surendar Associate Professor	""RES-NRSC-2022-005: Development of Low cost Remotely operated platform for Bathymetry & water resource applications"	ISRO Respond	₹ 2,562,460	2 year	-
2	VTU BRSI-1	Dr. Mugesh	BRSI Biotechnology Popularization and Skill Development Program for School Children	BRSI	₹ 43,000	2 days	-
3	VTU AICTE VAANI-1	Dr. Vijayraj	Vibrant Advocacy for Advancement and Nurturing of Indian Languages	AICTE VAANI	₹ 200,000	Online WebEx Platform	-
4	VTU UBA 1	Dr. R. Gowri Shankar Rao	A STAND ALONE PARABOLIC DISH SOLAR CONCENTRATOR FOR TAMILNADU RURAL CONDITIONS	IIT-Delhi SEG proposal	₹ 50,000	6 Months	-
5	VTU DBT 9	Dr. Kanagachidambaresan G R	IoT based water and soil health monitoring systems with affordable indigenous sensors for intensive aquaculture	Department of Bio-Technology(DBT)	₹ 6,729,466	3 years	Central Institute of Brackwishwater Aquaculture (CIBA), Chennai Central Electrochemical Research Institute (CECRI), Karaikudi, TamilNadu
6	VTU AICTE MIC-1	Mr. Praveen Daas	An Electric Airless Fluid Handling and Spray Machine	AICTE MIC	₹ 500,000	1 year	-
7	VTU ICSSR ITS-1	Dr. Ranjitkumar	Democratization and Autocratization: IPSA 75th Anniversary Conference Chennai-Lisbon, Portugal.	Indian Council of Social Science Research(ICSSR)	₹ 170,000	3 days	-
8	VTU DST CEST-1	Dr. P. Chandrasekar	Real-Time Implementation of Cost-Effective Solar Powered 6.6 kW Standalone DC Microgrid System in Tribal Remote Areas of Aliyar Region, Coimbatore District	Department of Science & Technology (DST) & Climate, Energy and Sustainable Technology (CEST)	₹ 2,702,800	3 year	-

Selected - Release (Pending)

S No	Title of the Project	Name of the PI	Vel Tech	Partner Institute	Status
1	Model Climate Smart Farm to demonstrate Precision Agriculture Technologies for Societal Upliftment of Majuli (BT/PR46967/NER/95/1973/2023)	Dr. Thilikumar CSE	Rs. 57.88 Lakhs	Rs.87.88 Lakhs Assam Agriculture University	Selected
2	UAAV based eDNA mapping of an aquatic ecosystem of Loktak lake for fishery management	Dr. Surender AERO	Rs. 42 Lakhs	Rs. 62 Lakhs Dr. Gusheinzed Waikhom (College of Fisheries, Central Agricultural University (Imphal), Lembucherra - Agartala)	Selected

Project Submitted List 2024

	PROPOSAL SUBMISSION STATUS - (JULY TO OCTOBER, 2024)			
PI - Department	**Agency**	**Scheme Name**	**Principal Investigator (PI) - Name**	**STATUS**
Biotechnology	DBT	Emerging Frontiers in Biotechnology	Dr. R. Ravikumar	Pending
			Dr. Mugesh Sankaranarayanan	Rejected
			Dr. R. Sai Nandhini	ISC Assigned
	DST	INDIA-RUSSIA JOINT CALL	Dr K Jagajjanani Rao	submitted
		INDIA-ITALY JOINT CALL	Mugesh Sankaranarayanan	submitted
		NPNST	Dr.S.Shobana	submitted
			Sugumari Vallinayagam	submitted
	INAE	INDIA-TAIWAN JOINT CALL	Dr. Mugesh Sankaranarayanan	submitted
Civil Engineering	TNSCST	CMRG	Dr. A. Chithambar Ganesh	submitted
		Student Project Scheme	Mr.T.Udhaya kumar	submitted
Computer Science and Engineering	DBT	Emerging Frontiers in Biotechnology	KANAGACHIDAMBARESAN G R	ISC Assigned
	ICSSR	Major/Minor Research Projects	Dr.K.Chinnathambi	submitted
Electronics & Communication Engineering	AICTE	IDEA LAb	Dr. R. S. Valarmathi	submitted
	DRDO	ARDB	Dr.S.Yazhinian	submitted
	DST	INDIA-RUSSIA JOINT CALL	Dr. K .A. Karthigeyan	submitted
		NPNST	Dr. J. Josephine Pon Gloria	submitted
			Dr.M.Valliammai	submitted
	MeitY	IndiaAI	Dr. C. Raja	submitted
	TNSCST	Student Project Scheme	Dr. Koushick Venkatesh	submitted

Project Submitted List 2024

PI - Department	**Agency**	**Scheme Name**	**Principal Investigator (PI) - Name**	**STATUS**
Law	ICSSR	Major/Minor Research Projects	Dr. Ajitha.E	submitted
			Dr. K. ILLAKIYA	submitted
			Dr.A.RANJITHKUMAR	submitted
MBA	ICSSR	Major/Minor Research Projects	Dr R Thamilmani	submitted
			Dr. G. Chandramowleeswaran	submitted
			Dr.G.Manoj	submitted
			Dr.Geeta Kesavaraj	submitted
			Dr.R.Sankar Ganesh	submitted
		Solar Energy and Sustainability	Dr. Rajapriya.M	submitted
			Dr.G.Manoj	submitted
			Dr.P.Elantheraiyan	submitted
Mechanical Engineering	DBT	Emerging Frontiers in Biotechnology	Praveen A. S.	Pending
	TNSCST	Student Project Scheme	Dr.Raja kannan	submitted
			MONISH.A.R	submitted
Other	DST	NPNST	Dr. P. Mohanraj	submitted
	ICSSR	Major/Minor Research Projects	Dr.R.Thamilmani	submitted
S&H	DST	NPNST	Babu Balraj	submitted
			Dr S Sharmila	submitted
			Dr. J. Gajendiran	submitted
			Dr. PARTHASARADHI REDDY	submitted
			Dr. S. SRIDHAR	submitted
	ICSSR	Major/Minor Research Projects	Dr.M.Ramesh	submitted
	TNSCST	Student Project Scheme	Dr. A. Selvaraj	submitted
			Dr. D. Kanagajothi	submitted
			Dr. M.PREMALATHA	submitted
			Dr. S. Karthik	submitted
			V.Jesikamary	submitted

Satish Dhawan Space Centre - SDSC ISRO

G Grahadurai, Deputy Director, SDSC SHAR
Dhanumjaya Rao M.M.V, GM, RO
N R Vijayasankar, Manager, RO
K Sabina, Manager, RO
A Vaidhyanathan, Manager, RO
S Rajkumar, Dy. Manager, RO
R Ramesh Krishnan, Dy. Manager, RO
T Rajendrakumar, RO
Diptanshu Sekhar Raj, RO
N Raviteja, RO
J Sai teja, RO
D Sampath kumar, RO

Satish Dhawan Space Centre - SDSC ISRO - List of Problem Statements

S.No	Probable topics	Objective/Requirements
1	RF monitoring and direction finding	To detect and resolve RF signals in terms of frequency. To find out the direction from which the concerned RF signal is originating.
2	Measurement of induced current due to RF signals	To measure the quantity of the current which is induced in a conductor of given properties due to its exposure to RF environment.
3	Hydrophobic coating on Radome	To study and find out the most suitable material which can be used for hydrophobic coating on Radome panels. The coating material shall have the required properties conducive for RF transmission.
4	UAV for MOTR RF calibration	To develop a UAV based target simulator platform for Radar calibration purpose. The platform shall be equipped with an on-board RF source, associated antenna and DC power provision for simulating RF return echoes from target.
5	RadioSondes/ OzoneSondes	To develop a Radiosonde system with considerable weight optimisation using the Graphene based antenna and light-weight batteries. The Radiosonde shall be used for sounding the atmosphere in terms of wind speed & direction, temperature, humidity and pressure up to stratosphere.
6	L-band patch antenna array	To develop a micro-strip patch antenna array with better gain (around 6 – 7dB) and good isolation among the antenna elements for its improved performance.

Partnered with IITH - SATHI CISCoM

Signed MOU With IITH - Prof. B.S. Murty Director is Present

Vel Tech Partnered with SATHI-CISCoM Centre inaugurated by Prof. Abhay Karandikar, Secretary to the Government of India, Department of Science & Technology, with the esteemed presence of Prof B S Murty Director of IIT hyderabad, Dr. B.V.R. Mohan Reddy, Founder Chairman & Board Member of Cyient, Chairman-BOG IITR, IITH, and Professor Basuthkar Jagadeeshwar Rao, Vice-Chancellor of the University of Hyderabad.

S.No	Faculty Name	TTS No	Department	PREFERNCE
		SATHI - IITH & VELTECH - NODAL PERSONS		
1	Dr.E. Madeshwari	3681	Biomedical Engineering	Micro-FTIR with mapping capabilities & TEM
2	Dr. Sai Sateesh Sagiri	3786	Biotechnology	High-end Optical microscope with Rheometry
3	Dr. R. Sai Nandhini	2285	Biotechnology	Probe Corrected Transmission Electron Microscope with 4d-STEM, EELS, and EDS
4	A. Silambarasan	3337	Chemistry	3D-Atom Probe Tomography - LEAP 6000 XR
5	Dr J M Babu	1628	Mechanical engineering	High-Resolution AFM with multimode imaging, thermal stage, and smart lithography for nanomanipulation in a high vacuum chamber
6	Dharmalingam Ganesan	1981	Mechanical engineering	AFM equipped with Tip Enhanced Raman Scattering for localized spectroscopy
7	Dr.A.Saranya	3080	Physics	Magneto Optic Kerr Effect Microscopy (MOKE)
8	Dr. J. Gajendiran	2317	Physics	Probe Corrected Transmission Electron Microscope with 4d-STEM, EELS, and EDS
9	Dr S Sharmila	3603	Physics	Magneto Optic Kerr Effect Microscopy (MOKE)
10	Dr. DIVYA. D	3521	Chemistry	Super-resolution optical microscope

Consultancy

- The Consultancy Cell, actively encourages faculty members to apply for industrial grants and secure sponsored consultancy projects from them.

- The cell coordinates the administrative follow up of the sanctioned consultancy projects such as, biding, bank grantee, quotations, bills, payment and closure report.

Consultancy Policy (Highlights)

• Revenue Sharing

  • Category 1: 70% for the PI and 30% to the institute.

  • Category 2: 80% for the PI and 20% to the institute.

  • Category 3: 30% for the PI and 70% to the institute.

• Sponsorship for Bank Guarantees / Material Purchase are supported by the institute.
• Additional Special Leaves are granted to carryout field consultancy work.

Consultancy - Major Clients

FY	No of Consultancy	Amount Generated (Lakhs)
FY 2022-2023	14	45.14
CY 2023-2024	34	71.50
CY 2024 - 2025	21	40.72

Recently Completed Consultancy Projects
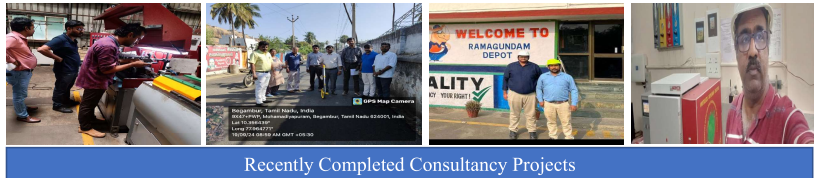
Consultancy List

NAME OF CONSULTANCY PROJECT	NAME OF THE TEACHER CONSULTANT	REVENUE GENERATED	AGENCY NAME
DEVELOPMENT OF IOT ENABLED PRCEISION FARMING WITH CLIMATE ADAPTABILITY	DR. MUTHUKRISHNAN	₹ 20,000	THE SILICON HARVEST
BMP ANALYSIS OF NAIPER GRASS	DR. RAVIKUMAR	₹ 12,600	ENERGIM SUSTIANBLE SOLUTIONS
VOLTVISTA: EMPOWERING ELECTRIC JOURNEYS WITH IOT DASHBOARDS	DR. M. KAVITHA & DR. D. UMANANDHINI (DR. VINSON JOUSHA)	₹ 236,000	M/S. JK CNC TECHNOLOGIES,
AUTONOMOUS ROBOT BASED ELECTRIC VEHICLE CHARGING SYSTEM	DR. G. DHANABALAN (DR. VINSON JOUSHA)	₹ 236,000	M/S. JK CNC TECHNOLOGIES,
3RD PARTY QUAALITY CHECKING - ROADS & PAVEMENTS	DR. KUMAR, MR. BASKAR, DR.M. VINOD KUMAR	₹ 163,100	DINDIGUL MUNICIPAL CORPORATION,
DEVELOPMENT OF SINGLE PHASE ENERGY METER	DR KANAGACHIDHABERASAN	₹ 7,080	BALAJI ENGINEERING WORKS & INFRASTRUCTURE,
CFD ANALYSIS	DR. G. SURENDAR	₹ 25,488	YOTTEC SYSTEMS LLP
ATB AUDIT FOR AP LIMITED	DR. HARISIVASRI PHANINDRA K	₹ 195,000	SR INDUSTRIAL SAFETY SPECIALIST FIRM
THIRD-PARTY SITE INSPECTION AUDIT REPORT	1.DR. M. VINOD KUMAR, 2.DR. G. KUMAR 3.DR.S.BASKA	₹ 59,000	CHENNAI HOLDING AND VISHAL DEVELOPERS BLOCK
THIRD-PARTY SITE INSPECTION AUDIT	1.DR. M. VINOD KUMAR, 2.DR. G. KUMAR 3.DR.S.BASKA	₹ 23,600	SUGALI ENTERPRISES PVT LTD.
THIRD-PARTY SITE INSPECTION AUDIT	1.DR. M. VINOD KUMAR, 2.DR. G. KUMAR 3.DR.S.BASKA	₹ 11,800	SUGALI ENTERPRISES PVT LTD.
THIRD-PARTY SITE INSPECTION AUDIT	1.DR. M. VINOD KUMAR, 2.DR. G. KUMAR 3.DR.S.BASKA	₹ 11,800	VALLIMAYIL PROPERTIES,
THIRD-PARTY SURVEY REPORT	1.DR. M. VINOD KUMAR, 2.DR. G. KUMAR 3.DR.S.BASKA	₹ 83,730	THIRUTHANI MUNICIPAL CORPORATION
SAFETY AUDIT	DR. HARISIVASRI PHANINDRA K	₹ 256,200	GLOBAL SAFETY
SAFETY AUDIT	DR. HARISIVASRI PHANINDRA K	₹ 200,000	GLOBAL SAFETY
FACTORY MAINTENANCE AUTOMATED OIL DRIPPING SYSTEM	DR KANAGACHIDHABERASAN	₹ 61,360	MHSS
SMART THREE PHASE ENERGY METER WITH IP65	DR KANAGACHIDHABERASAN	₹ 53,100	ASHOK LEYLAND

NAME OF CONSULTANCY PROJECT	NAME OF THE TEACHER CONSULTANT	REVENUE GENERATED	AGENCY NAME
Development of software solution for managing Indagatus-Research portal with advanced data analytics options	Prof. SP. Chokkalingam, Dr. Alex David, Dr. Mariammal	₹ 5,23,651	Indagatus Solutions Pvt Ltd
Development and Testing of a robust model for data analytics using Python: To analyse and sort learning performance in AI related subjects	Dr. M. Kavitha, Dr. R. Kavitha, Mrs. K. Rajathi	₹ 2,89,561	Deepnode Technologies Pvt Ltd
Developing Hyerspectral Image Data set for Mango Fruit to detect the internal quality of the fruit.	Dr. V.DhilipKumar, Dr. Sam Navin	₹ 3,42,820	Seventh Horse Agri Tech Private Limited.
Developing the AI assisted Simulation Model of the Iron Redox Flow Battery to predict and Evaluate the performance of the battery	Dr. Umanandhini, Dr. K.Udayakumar, Dr. Arun Kumar. M. S	₹ 1,92,879	Tharam Thiran Green Energy flow Private limited
3D Object Reconstruction Using Camera Vision for Accurate Dimensional Replication	Dr.T.Kujani, Dr. T.Durairaj, Dr. Aruna	₹ 1,51,089	Dhisai Technologies Pvt Ltd
Innovative Waste Management in Sericulture: Harnessing the Potential of Silkworm Excreta	Dr. Sugumari.V, Dr.P.Azhagu Saravana Babu, Dr.R.Sai Nandhini	₹ 4,50,000	Serigreen Technologies Pvt Ltd
Optical Reader to detect levels of hormones in LFA kit.	Dr. S. Vinson Joshua, Dr. A. Bakiya, Dr. Balamuralitharan Balakrishnan	₹ 3,50,000	Thremear Private Limited
Development of Utility software	Prof. SP. Chokkalingam, Dr. Alex David, Dr. Mariammal	₹ 2,00,000	Blinc Smart Homes Private Limited

High Speed Bearing Test Facility

- First Academic Institution to have **20K RPM** rated Test Rig, motorized by **355KW AC induction motor**.

- The test-rig is controlled through custom developed LabVIEW based GUI and adjustable speed gear box with ABB's Variable Frequency Drive.

- The test-rig is capable of detecting Spindle Speed, Shaft Orbital Movement, Axial Load, Squeeze Film Thickness, Temperature, Vibration, Strain of Bearing Webs and Squeeze Film Pressure Distribution.

Key Research Areas

- *SFD Bearing testing*
- *Aircraft bearing testing*
- *Generator testing*
- *Vibration Analysis*
- *Strain measurement*
- *Performance evaluation*
- *Life of Bearing Testing*

HSBTF - Major Clients

S. No	Funding Agency	Purpose of Funding / Project Titled	Status	Cost of Project (Rs)	Sanctioned Date
1	Gas Turbine Research Establishment - DRDO, Govt of India (GATET/ CS04/1012/006/11/001)	Development of Design Methodology for optimizing SFD for Aero Gas Turbine & Experiment Verification Studies	Completed	1,86,65,000	28-07-2010
2.	Aero Engine Research & Design Centre – HAL, Govt of India (D/AE/15/51/1071/01)	Performance Testing and Tuning of Bearing Supports of HTFE-25 Core Engine for possible Axial and Radial Load Spectra Encountered during Engine Operation	On Progress	15,00,000	1-07-2015
3.	Combat Vehicles Research & Development Establishment – DRDO, Govt of India (CVRDE/ MMG/ SPC/14-15/180 Dated 30 Mar 2015)	Experimental Studies of Deep Groove Ball and Cylindrical Roller Bearing by Accelerated Load Tests	Completed	12,52,750	28-01-2016
4.	GE India Industrial Pvt. Ltd., Bangalore (01-10-2018 to 30- 09-2020)	GE Alternator Test Rig	Completed	82,38,000	01-10-2018
5.	GE India Industrial Pvt. Ltd., Bangalore (01-07-2022- 30-06-2023)	GE Alternator Test Rig	Ongoing	30,00,000	08-06-2022

Product Designed Vs Product Delivered

S.No	Product Designed	Product Delivered
1	Single Phase Energy Meter -ADE7753	AL
2	Three Phase Energy Meter - ADE7758	TBI
3	Cold Storage Monitoring	ZF
4	Autonomous Mobile Robots	ZF*
5	Asset Monitoring	AL*
6	Room occupancy Detector	Placement Cell*
7	LoRa Gateway	*

* Under Testing

ZF Consultancy Work

Upgrade of AGV to AMR (Autonomous Mobile Robots)
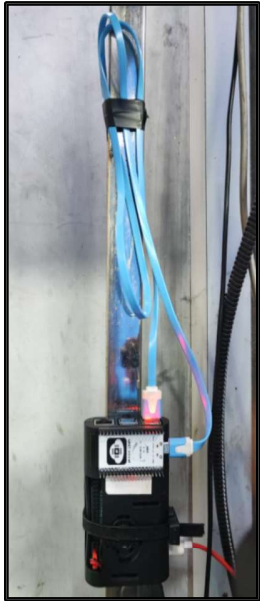

Demo in Vel Tech Campus

AMR Execution in ZF, Ambattur
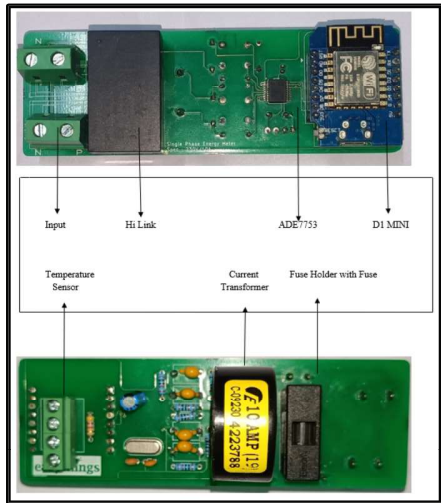
ZF Challenge – Vel Tech IoT Solution
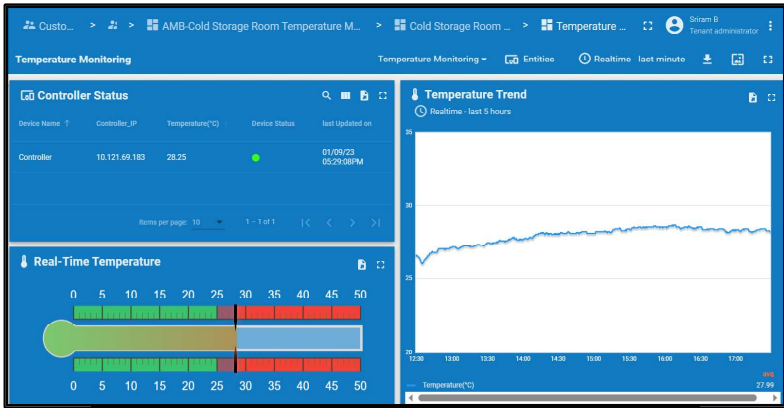
Temperature Monitoring in Cold Storage Area
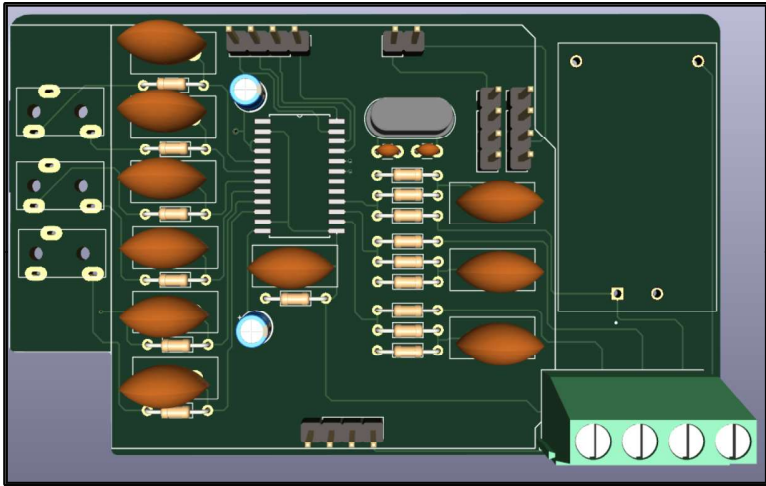

Under Testing in ZF
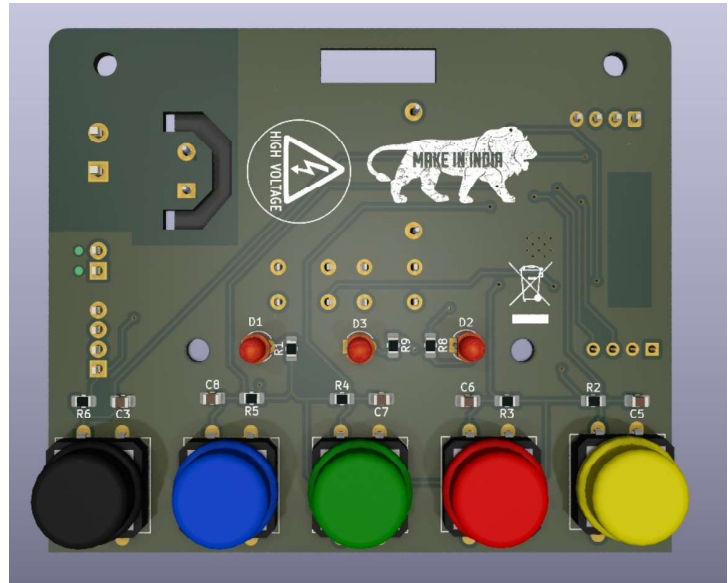
Ashok Leyland - Products Developed

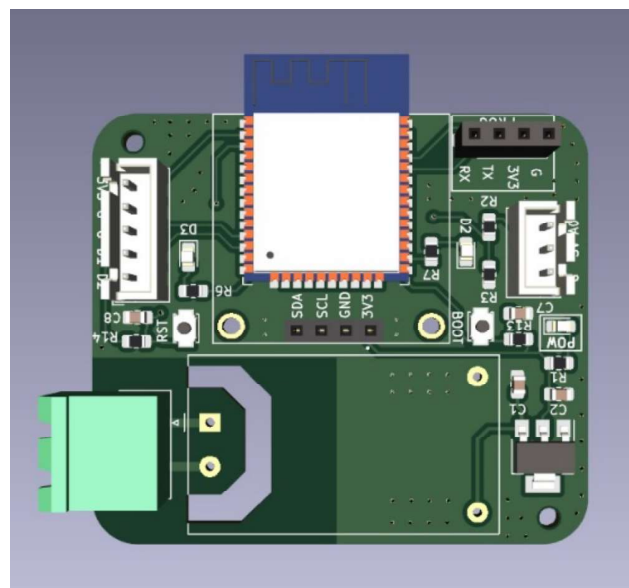**Single Phase Energy Meter-ADE7753**

Three Phase Energy Meter-ADE7758

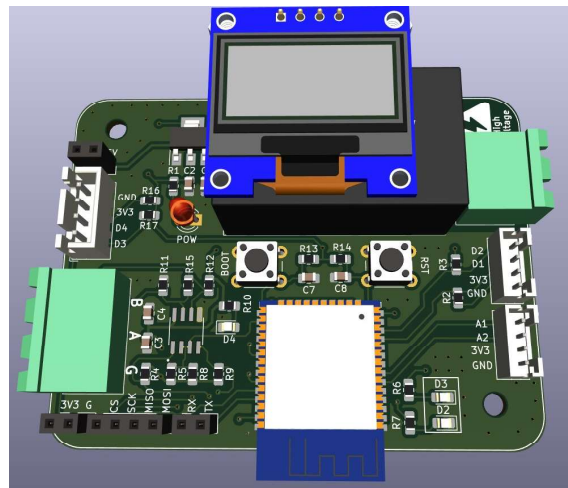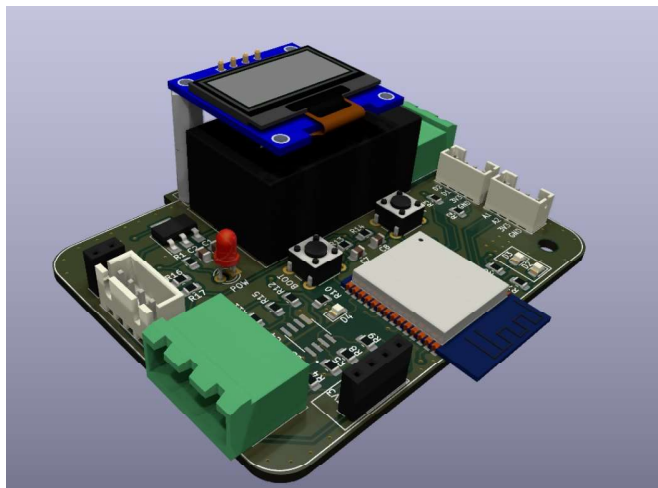## Consultancy Work -Central Institute of Brackishwater Aquaculture

Thermo Smart - Device for temperature Maintenance in Pond

Consultancy Work-Madras Hydraulic Hose

Oil Flow Monitor

Consultancy Work- Ashok Leyland

Sense - Bridge Gateway

Products Developed & Deployed in Campus to Corporate

Room Occupancy Detector

Street Light Monitoring & ControlLoRa Gateway

Products Developed for ZF Commercial Vehicles & Control System

IoT Device for Industry 4.0

Centre for Molecular Photoscience

Name of the Research Centre/ Name of the faculty: Centre for Molecular Photoscience & Dr. A. Kathiravan

Publications in 2024: 06

Consultancy Projects in 2024: Payment based analytical services

Proposals Submitted in 2024: 03

Intellectual Property Rights (IPR) Filed: NIL

Technological Developments: TRL-3, Molecular sensor

Research Focus Areas: Photochemistry, Photophysics, Sensors, Nanomaterials, Solar cells

Additional Achievements or Outcomes: Editorial board member of Nature Scientific Reports, National Advisory committee member for two international conferences

No of PhD Students working in Lab : 03 fulltime

No of UG Students working in Lab : 03 PG

Any other outcome you wish to Share : Recipient of Top 2% scientist award

Centre for Metabolic Engineering and Synthetic Biology

Publications in 2024   : 3

Consultancy Projects in 2024 : 0

Proposals Submitted in 2024 : 6

Intellectual Property Rights (IPR) Filed: 3

Technological Developments: [Development of low cost culture media (Buddy media), Isolation of an extremophile for nutraceutical and biochemical production, Cost effective technology for 3-HP production]

Research Focus Areas: [Metabolic Engineering, Synthetic Biology, Bioprocess and Biorefinery]

Additional Achievements or Outcomes: [Completed DBT funded project on July, 2024]

No of PhD Students working in Lab : 3

No of UG Students working in Lab : 4

Any other outcome you wish to Share :

- Received Funding of Rs. 43,000 from BRSI, India for conducting skill development program for school students and successfully conducted the event on 8th & 9th August, 2024

- Convenor for International Conference on Chemical, Environmental and Synthetic Biology towards Sustainable Development Goals 2024 (ICECSSD-24) on 21st & 22nd November 2024, conducted by Department of Biotechnology & Department of Biomedical Engineering, in association with Society of Chemical and Synthetic Biology

Dr. Mugesh Sankaranarayanan

2024 - Progress report of Research Centre: CASR Lab

Publications: Published – 02; In the Pipeline: 01; New Submission - 03

Consultancy Projects: 1 Nos. (Rs. 25,488/-)

Research Projects: Ongoing – 02; In the Pipeline – 02; New Submission – 01

Patents: Granted – 01; In the Pipeline – 01; New Submission - 01

Research Areas: Unmanned Systems & Drones (UAVs, USVs, ROVs, MAVs)

Achievements or Outcomes: Successfully acquired a research grant of INR 25.6 lakhs from ISRO

No. of PhD Scholars working: 01 Nos.

No. of UG/PG Students trained: 13 Nos.

Publications

Published	Arasumani, M., Kumaresan, M. & Esakki, B. Mapping native and non-native vegetation communities in a coastal wetland complex using multi-seasonal Sentinel-2 time series. Biol Invasions 26, 1105–1124 (2024). https://doi.org/10.1007/s10530-023-03232-y
	Ganesan, S., Esakki, B., Choi, J.S., Sridevi, S., Sarath Kumar, C., Vikram, P. (2024). Development of Unmanned Surface Vehicle for In-Situ Water Quality Measurement Using IoT. In: Akmeliawati, R., Harvey, D., Sergiienko, N., Yang, LJ., Park, H.C. (eds) Proceedings of the 19th International Conference on Intelligent Unmanned Systems. ICIUS 2023. Lecture Notes in Electrical Engineering, vol 1248. Springer, Singapore. https://doi.org/10.1007/978-981-97-6591-1_9
In the Pipeline	Design and Development of Modular and Multifunctional UAV for Amphibious Landing and Surround Sense Module
New Submission	Hybrid Floating Drone for Real-time Water Quality Monitoring in Flooded Areas
	An integrated approach on Drone-assisted Mapping of Seaweed and Seagrass Using UAV and ROV
	Evaluation of Aerodynamic Forces Using Wind Tunnel Test Section: A Comprehensive Analysis

Research Projects

|	
Ongoing	Seaweeds cultivation and utilization in Odisha coast including Chilika Lake for ecological restoration and livelihood generation, Funding Agency: DBT | Project Cost: INR1.88 crore | Duration: 2021-2024
	Development of Low-Cost Remotely Operated Platform for Bathymetry & Water Resource Applications, Funding Agency: ISRO | Project Cost: INR 25.62 lakhs | Duration: 2024-2026
In the Pipeline	UAAV based eDNA mapping of an aquatic ecosystem of Loktak lake for fishery management, Funding Agency: DBT | Project Cost: INR 1.20 crore
	Model Climate-Smart Farm to demonstrate Precision Agriculture Technologies for Societal Upliftment of Majuli, Funding Agency: DBT | Project Cost: INR 1.52 crore
New Submission	Ground and aerial imagery, artificial intelligence and data fusion for precision agriculture, Funding Agency: CEFIPRA | Project Cost: INR 79.55 lakhs

Patents

Granted	Sliding Block Transmission Mechanism for Aerial Robot
In the Pipeline	An Unmanned Aqueous eDNA Sampler with Hybrid USV
New Submission	Smart Water Sampler Controller Device for Precision Unmanned Systems Water Sampling

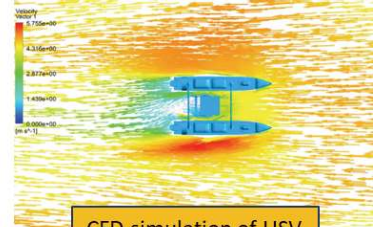# 2024 - Progress report of Research Centre: CASR Lab

Research Activities
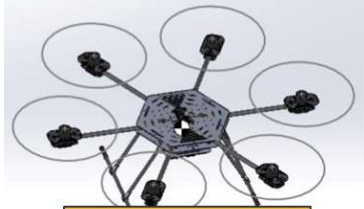
1. Technological Developments	CAD Modelling of UAV	Integration of ROV	CFD simulation of USV
2. Applied research	Spectral imaging of Paddy	Exploring underwater vegetation	Collecting water samples

Progress report of Research Faculty/ Research Centres 2024

Publications in 2024 : 04 (SCI – 03, Scopus – 01)

Consultancy Projects in 2024 : NIL

Proposals Submitted in 2024 : 02

Intellectual Property Rights (IPR) Filed : NIL

Technological Developments : Development of in-house SHPB setup (In progress)

Research Focus Areas : Metal Additive Manufacturing, Processing of Advanced materials

Additional Achievements or Outcomes : NA

No of PhD Students working in Lab : 02

No of UG Students working in Lab : 06

Any other outcome you wish to Share : Published one Q1 Journal

Dr D. Rajamani

Centre for Antenna and Electronic Materials

Publications in 2024	:	2 published + 2(minor correction), 3(in review)
Consultancy Projects in 2024	:	3(ISRO VSSC, Ashok Leyland & UCAL)
Proposals Submitted in 2024	:	6
Intellectual Property Rights (IPR) Filed :		6 (Published)+3 (Granted)
Technological Developments	:	3 (printing material, Hrdrophobic coating, MMIC technology)
Research Focus Areas	:	Antennas, Nano materials, Printed Electronics, Coatings, RF, Microwave,

Additional Achievements or Outcomes:

No of PhD Students working in Lab	:	1(Part time)
No of UG Students working in Lab	:	10

Other outcome

1. Ongoing project IITG-TIH,
2. Obtained 6 topics for research from ISRO SHAR,
3. One technology development with DRDO-RCI,
4. Establishing two labs- FUSO and Fuel Cell lab
5. Internship for Anna university students
6. Collaborative research with IIT-Tirupati/ students exchange
7. Collaborative proposal with ICAR-IISR Kozhikode

Name of the Research Centre/ Name of the faculty: Centre for Antenna and Electronic Materials/ Dr.R.Prasanna

Centre for Composite Research and Additive manufacturing

Publications in 2024: 2 (Claiming author)$_{Accepted}$ + 3 (Co-author)

Consultancy Projects in 2024: Nil

Proposals Submitted in 2024: 3 (as PI)

Intellectual Property Rights (IPR) Filed: Nil

Technological Developments: (1) Protocol for developing ZrO_2/HA scaffold

(2) Biomimetic structure using DLP technology

Research Focus Areas: 3D printing of ceramics, Biomimetic structures and Tribology

Additional Achievements or Outcomes: Collaborative project with CLRI-Chennai (in progress)

No of PhD Students working in Lab : 01

No of UG Students working in Lab : 06

Any other outcome you wish to Share : Plan to conduct 3D printing training to 3rd year Mechanical UG students during Dec 2024.

Name of the Research Centre/ Name of the faculty: Centre for Composite Research and Additive manufacturing
Dr. Praveen A. S.

Centre for Thermal Management

Publications in 2024: [Number of publications] : 13 – (Q1- 5). 3 Papers- Under Review

Consultancy Projects in 2024: [Number of projects] : NIL

Proposals Submitted in 2024: [Number of proposals]: 1 - nano mission – DST SERB.

Intellectual Property Rights (IPR) Filed: [Details of IPRs]: NIL

Technological Developments: [Description of any technology developed]: NIL

Research Focus Areas: [Highlight key focus areas]: Thermal Energy Storage, Green nano materials, Thin film, Therapeutic application

Additional Achievements or Outcomes: Worked in IIT Mandi for 15 days in PCM. Research Scholar Mr.A.Sunilkumar from CTM Lab worked in IIT Mandi (nano science lab) for 30 days towards Energy Storage.

No of PhD Students working in Lab : 3 Full Time

No of UG Students working in Lab : 3 from Mechanical Department

Any other outcome you wish to Share : *15 types of nano particles from green bio waste (dragon fruit, radish, golden seal, Banana waste etc.,) prepared and optimized and working towards energy.*

Name of the Research Centre/ Name of the faculty: Centre for Thermal Management
Dr.A.SARANYA

Centre for Computational Aerodynamics and Shock Waves

Publications in 2024: Published:3, paper accepted : 7, Yet to be published :10

Consultancy Projects in 2024: 3 projects with Viruksa Manufacturing solutions Private Limited (initial stage)

Proposals Submitted in 2024:5+1

Intellectual Property Rights (IPR) Filed:Active Desalination Setup with Secondary Energy Evaporator and Coupled Helical Coil Condenser", along with Dr. Raja and Dr. Dilip Raja

Technological Developments: Window Bomb Facility was refurbished and paper has been published.

Jet facility was fully constructed in manual mode and again Traverse mechanism is automatized in 6/11/24.

Shock Tunnel set up was upgraded and results were taken.

Pressure vessel was fabricated and testing of propellants done to find burn characteristics.

Research Focus Areas: High Speed Jet Flows, Shock waves, CFD, Gas Dynamics,Solid Propellants combustion

Additional Achievements or Outcomes:Waste management system ,Fuel cell fabrication

Conducted Three weeks Internship Programme for students from IARE Hyderabad from 13/05/240 to 1/06/24.

MoU was signed between veltech university and IARE on 22/07/2024 for Student's Project, training, apprenticeship & internships.

Book chapters have been published in various books.

No of PhD Students working in Lab :3

No of UG Students working in Lab : 5

Any other outcome you wish to Share : Nitte Meenakshi institute of Technology Bangalore wants to visit Lab for collaborative research. Planned to visit NAL , IITkanpur &ISRO and Rajalakshmi engineering college,Nehru Institute of Technology for collaboration and advanced research,

Name of the Research Centre/ Name of the faculty: Centre for Computational Aerodynamics and Shock Waves/Dr. R. Naren Shankar

Thermogravimetric Analyzers

STA 2500 Regulus

Rs. 40.71 L

Scanning Electron Microscope

ZEISS Sigma 360
Rs. 311.14 L

Software Suite

Gaussian 16

Gaussian

GaussView 6

Gaussian - Computational Software Package
Rs. 4.90 L

Research Infrastructure

Recent Expert Service

- The office engages external experts to train and mentor our faculties, focusing collaborative research, sponsored projects & IPR.

- Towards this, workshops and mentoring sessions are organized throughout the year.

Dr O.R. Nandhagopan Ex-DRDO Scientist	**Dr. Mohd Aslam** Ex-DBT Scientist	**Dr. P.A. Balakumaran** NIIST Scientist	**Dr. L. Karthik** Project Lead, Salem Microbes Pvt Ltd.
Dr. Kandasamy Prabakar Professor-Pusan National University	**Mr. Rajasekar** SV&R Partners - IPR	**Dr. K.G. Pradeep** IIT- Madras	**Dr. Arvind** Ashok Leyland

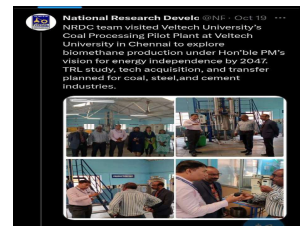# Recent Collaboration / Out Reach Activities

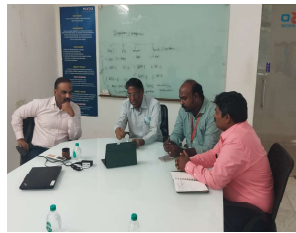GITAM University

CSIR-CERI

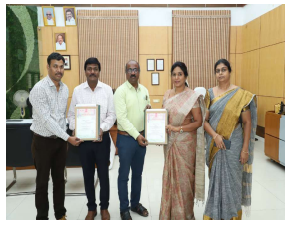
IIT- Tirupati

NRDC

Fuso Glass India Limited

CSIR-CLRI

TNAU-Coimbatore

ICAR -IISR

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NER - Collaboration

Vel tech Delegation attended COSMO 2024 at Silchar. Honored to connect with esteemed personalities like **Mohan Aware** Director NIT Arunachal Pradesh, Prof. Narendranath S, Director NERIST, Nirjuli, Prof. **Elayaperumal Ayyasamy** Director NIT Nagaland, Prof. Pinakeswar Mahanta Director NIT Meghalaya, Prof. U.S. Dixit IIT Guwahati, Prof.Bale Reddy, Ontario Tech University Canada, Prof. Jayant d. Mondol Ulster University,UK, Prof.S.K.**PROF SURJYA K PAL** k Pal IIT Kharagpur, Prof Samir Rustamov ADA University, Azerbaijan, Prof. T. lhedup Royal University of Bhutan, prof. M Rammohan KN University South Korea, Prof. Asmala B. Ahmad UteM Malaysia, Prof. Manabendra Dutta Choudhury, Vice Chancellor, Rabindranath Tagore University, Prof. Neelam Rani IIM Shilong, Prof Behnaz Rezale, University of Pittsburgh, USA, Prof. Md. Ashram Shah NIT Srinagar and our great mentor Prof. B.S. Murty Director IIT Hyderabad.
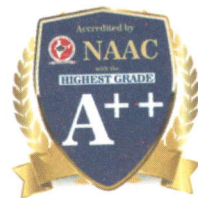
Thank you

Appendix V

Time Table Amendment

Minutes of the 47th meeting of the Academic Council, November 23, 2024.

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

No.: DA / ARS / AY 2024-25 / 19

Date: 18-Nov-2024

**Submitted to Vice Chancellor for Approval:**

In view of NBA Visit, scheduled to be held on December 20-22, 2024, the Academic calendar for the following programmes are required to amend with following changes.

S.No	Name of the Programme	Contents	Actual Date	Revised Date
1	B.Tech - First Year (for All)	Additional Working days	-	20-Dec-24 to 21-Dec-24
		Semester End Examinations (for Theory and Lab)	20-Dec-24	21-Jan-25
			21-Dec-24	22-Jan-25
			23-Nov-24 to 27-Nov-24	23-Jan-25 to 27-Jan-25
2	B.Tech. - Higher Semester (for B.Tech. - Biotechnology only)	Model-Practical Exam	14-Oct-24 to 18-Oct-24	20-Nov-24 to 25-Nov-24
		Test - 3 (Theory Courses) / Mid Term Test - II (Integrated Courses)	21-Oct-24 to 23-Oct-24	26-Nov-24 to 29-Nov-24
		Additional Working days	-	20-Dec-24 to 21-Dec-24
		Semester End Laboratory Courses Examinations	26-Oct-24 to 29-Oct-24	23-Dec-24 to 28-Dec-24
		Last Instructional Date	30-Oct-24	30-Nov-24
		Commencement of Semester End Theory Examination	05-Nov-24	02-Dec-24
3	M.B.A. - First Year	Model - Practical Exam	12-Dec-24	23-Dec-24
		Last Instructional Day	16-Dec-24	23-Dec-24
		Commencement of Semester End Lab Practical Viva-Voce Examination	18-Dec-24	26-Dec-24

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R&D Institute of Science and Technology
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NAAC A++

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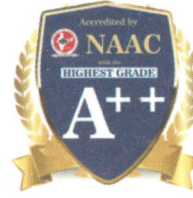
Date:

		Model - Practical Exam	19-Dec-24	24-Dec-24
4	M.B.A. - Higher Semester	Last Instructional Day	20-Dec-24	24-Dec-24
		Commencement of Semester End Internship / Project Viva-Voce Examination	23-Dec-24	26-Dec-24

The students of the above programme will attend regular classes/academic activities on 21- 22 December, 2024.

Dr. Raju Shanmugam
Dean (Academics)

Prof. (Dr). Raju Shanmugam
Dean - Academics

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

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)

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Landline : +91 44 2684 0262 / 2684 0605 | Email : registrar@veltech.edu.in | Website : www.veltech.edu.in

Ref no : L1/15000