



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

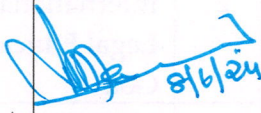

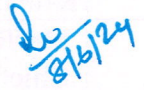
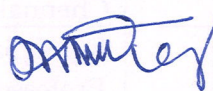
**ACADEMIC COUNCIL
ATTENDANCE SHEET FOR 45th MEETING OF
THE ACADEMIC COUNCIL ON 08.06.2024 AT 10.30 am
VENUE: SENATE HALL**

S.No	Name	Position	Signature
1	Prof.S.Salivahanan Vice Chancellor, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Chairperson	<i>S. Salivahan</i>
2	Prof. R.Venkata Rao Vice Chancellor, International University of Legal Education and Research (IIULER) Goa	External Member	<i>[Signature]</i> 8/6/24
3	Mr. K. Balaji Vice President – People and Culture Delphi – TVS Technologies Chennai	External Member	<i>Present</i>
4	Dr. OR. Nandagopan Director, DRDO Industry Academia, Ramanujan Centre of Excellence, IIT, Madras	External Member	<i>[Signature]</i> 8/6/24
5	Mr. Raghuraman Krishnamurthy Chief Enterprise Architect P&R Practise, Cognizant Chennai.	External Member	<i>Leave of Absence</i>
6	Dr. K. Sankaranarayananasamy Professor (HAG), National Institute of Technology (NIT), Tiruchirappalli.	External Member	<i>[Signature]</i> 8/6/24



Vel Tech

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

S.No	Name	Position	Signature
7	Prof. Dr. Krishnan BASKAR. D.Sc. (KTH-Sweden), FRSC (London). Director, Indian Institute of Technology-Senapati, Manipur (An Institute of National Importance by Act of Parliament, Government of India) Mantripukhri, Imphal – 795002, India. Mobile: +919444125126, E-mail: director@iiitmanipur.ac.in, drbaskar2009@gmail.com	External Member	Present
8.	Dr.A.T.Ravichandran Professor & Dean - Academics Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	 8/6/24
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	 8/6/24
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	



Vel Tech


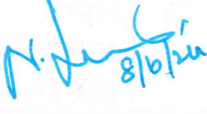
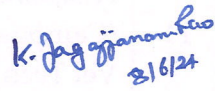
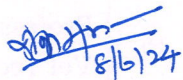

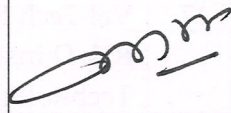
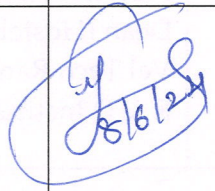
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No	Name	Position	Signature
12	Dr.M.Sivakumar 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	
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 and Technology.	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	Prof. Dr. Nagalingeswara Raju, Dean (Hostels) Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	



Vel Tech


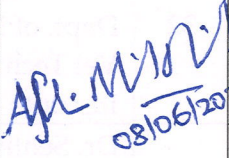
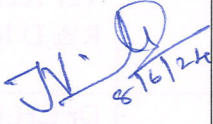
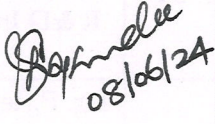
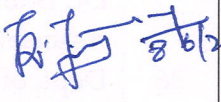
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No	Name	Position	Signature
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. N. Lenin, Professor & Dean (SoMC) – Dept. of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology,	Ex-officio	 8/6/24
21	Dr. K. Jagajjanani Rao Dean (Academic Research) Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology.	Ex-officio	 8/6/24
22	Dr.R.Sivaraman Professor & Controller of Examinations, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Permanent Invitee	 8/6/24
23	Dr.R.Jaganraj Associate Professor & HoD – Dept. of Aeronautical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
24	Dr. Amala Justus Selvam Professor & HoD – Dept. of Automobile Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
25	Dr.A.Geetha Selvarani, Professor & HoD – Dept. of Civil Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	 8/6/24



Vel Tech

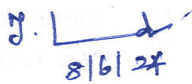

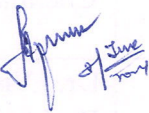
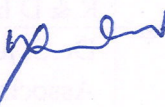

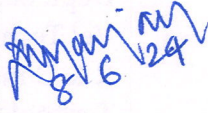
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No	Name	Position	Signature
26	Dr. S. Ramesh Professor & HoD – Dept. of Electrical & Electronics Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
27	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	
28	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	
29	Dr. S. Jeyavelu Associate Professor & HoD – Dept. of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Ex-officio	
30	Dr. K. Ravishankar Professor, HoD – Dept. of Management Studies 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
31	Ms.J.Sri Devi Assistant Professor & HoD – Dept. of Commerce and Business Administration Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	 8/6/24
32	Dr. J. Viswanath Professor & HoD – Dept. of Mathematics, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
33	Dr. Senthil Kumar Associate Professor & HoD – Dept. of Physics, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
34	Dr.CH.Hazarathaiyah Yadav Professor & HoD – Dept. of Chemistry, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
35	Dr. P.Revathi Head- Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
36	Dr. D. Balasubramaniam Associate Professor & HoD – Dept. of Bio Medical, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	 8/6/24



Vel Tech

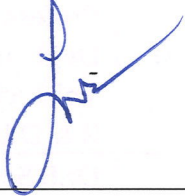


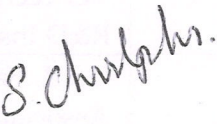
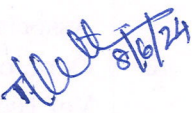
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No	Name	Position	Signature
37	Dr. P. Azhagu Saravana Babu Professor & HoD – Dept. of Bio Technology, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
38	Dr.B.Someswara Rao Professor & HoD – School of Law, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Ex-officio	
39	Dr. N.R. Rajalakshmi Professor & HoD – Dept. of Artificial Intelligence and Machine Learning Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	Leave of Absence
40	Dr.V.Dhilipkumar Associate Professor & HoD – Dept. of Artificial Intelligence (AI) and Data Science Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and 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 & HoD – Dept. of Computer Science & Engineering Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Ex-officio	



Vel Tech


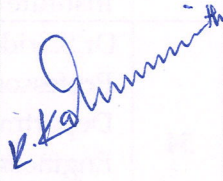


Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No	Name	Position	Signature
43	Dr. S.Saravanan, Associate Professor & HoD – Department of CSE (Cyber Security) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	
44	Dr. P.Jose, Associate Professor & HoD – Department of CSE(Data Science) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	
45	Dr. S. Lalitha, Associate Professor & HoD – Department of CSE (Artificial Intelligence and Machine Learning) Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Ex-officio	
46	Dr. Christopher. S Professor Department of Mechanical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi Mail ID drschristopher@veltech.edu.in Mobile: 9444802254	Internal Member	
47	Dr. Kavitha T. Professor Department of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi	Professor Nominee	



Vel Tech


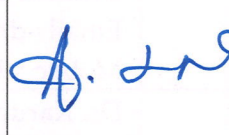
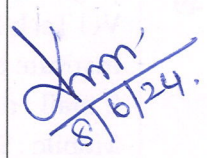
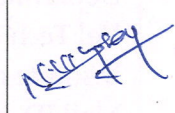

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No	Name	Position	Signature
	E Mail : drtkavitha@veltech.edu.in Mobile : 9944101077		
48	Dr. Jana S. Professor Department of Electronics and Communication Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi Email : drsjana@veltech.edu.in Mobile : 9842529507	Professor Nominee	
49	Dr. Karunanithi K. Professor Department of Electrical and Electronics Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi E mail : drkkarunanithi@veltech.edu.in Mobile : 9486036715	Professor Nominee	
50	Dr. Prakash A. Professor Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi Mail ID prakasha@veltech.edu.in Mobile: 8524014703	Professor Nominee	
51	Dr. Kanni Raj A. Professor Department of Chemistry Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi Mail ID drakanniraj@veltech.edu.in	Professor Nominee	



Vel Tech

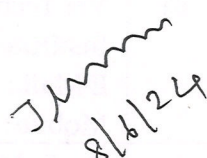
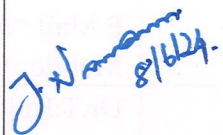


Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No	Name	Position	Signature
	Mobile: 7338926537		
52	Dr.R.Srinivasan Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi	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, Avadi	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, Avadi	Internal Member Professor Nominee	
55	Dr.N Vijayaraj Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi	Internal Member Professor Nominee	
56	Dr. Boopathy. G Associate Professor Department of Aeronautical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi Mail ID gboopathy@veltech.edu.in Mobile: 9444697792	Internal Member Associate Professor nominee	



Vel Tech

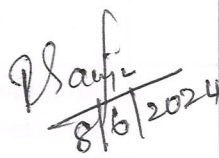
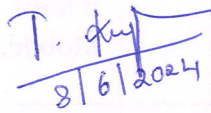
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No	Name	Position	Signature
57	Dr. J. Gajendiran Associate Professor Department of Physics Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi E Mail drgajendiran@veltech.edu.in Mobile : 9941559870	Internal Member Associate Professor nominee	 8/6/24
58	Dr. J. Naresh Kumar Associate Professor Department of Mathematics Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi E Mail jnaresh@veltech.edu.in Mobile: 9894809569	Internal Member Associate Professor nominee	 8/6/24
59	Dr.C.Vijai Associate Professor Department of Commerce and Business Administration, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi E Mail : drvijaic@veltech.edu.in Mobile No. : 9600582848	Internal Member Associate Professor nominee	 8/6/24
60	Dr. Ajitha E. Associate Professor School of Law Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi E Mail : drajithae@veltech.edu.in Mobile : 9840519883	Internal Member Associate Professor nominee	



Vel Tech

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

S.No	Name	Position	Signature
61	Dr. Sai Nandhini R. Assistant Professor Department of Biotechnology Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi E Mail : sainandhini@veltech.edu.in Mobile : 90877 94827	Internal Member Assistant Professor nominee	
62	Dr. E. Madheswari E. Assistant Professor Department of Biomedical Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology, Avadi E Mail : drmadeshwarie@veltech.edu.in Mobile : 9629447192	Internal Member Assistant Professor nominee	Leave of Absence
63	Dr.T.Kujani Assistant Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Assistant Professor nominee	
64	Dr.T.Kamaleshwar Assistant Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Assistant Professor nominee	Leave of Absence
65	Dr.S.Saran Raj Assistant Professor Department of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Technology	Internal Member Assistant Professor nominee	Leave of Absence



Vel Tech

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

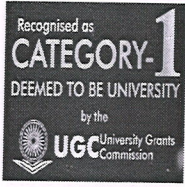
S.No	Name	Position	Signature
66	Dr.E.Kannan Professor & Registrar Dept. of Computer Science and Engineering Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Secretary	

S. Salivan

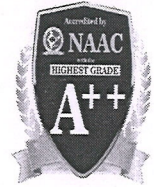
VICE CHANCELLOR

Prof. S. Salivahanan
Vice Chancellor

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



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



**45th MEETING
OF
THE ACADEMIC COUNCIL
Saturday, June 08, 2024**

MINUTES

S. Salivan

Prof. S. Salivahanan
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)

Contents

45.1	Call to Order and Approval of Agenda of the 45 th meeting of the Academic Council.	1
45.2	Confirmation of the minutes of 44 th meeting of the Academic Council held on Saturday, February 24, 2024.	1
45.3	To review the Action Taken Report on the minutes of the 44 th meeting of the Academic Council held on Saturday, February 24, 2024.	1
45.4	To record leave of absence of the members.	2
45.5	To consider and approve the minutes of the Board of Studies of the following disciplines:	3
45.6	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)	9
45.7	To report the Academic Calendars for the Academic Year 2024-25 for the Under Graduate (UG) and Post Graduate (PG) programmes	10
45.8	To report the Extended EoA to various degree programmes by the AICTE for three years from 2024-25 to 2026-27.	11
45.9	To report the results of the Ph.D. viva voce conducted since last Academic Council held on February 24, 2024.	11
45.10	To record the progression and achievements of the following Schools and divisions:	11
45.11	Any other items with the permission of the Chairperson.	12
45.12	To decide the date of holding the next meeting of the Academic Council.	13
45.13	Vote of Thanks.	13
45.14	Adjournment	13

List of Tables

1	Action Taken Report in respect of 44 th meeting of the Academic Council held on February 24, 2024.	1
---	---	---

S. Sathyan
Prof. S. Sathyan
Vice Chancellor

Minutes of the 45th MEETING OF THE ACADEMIC COUNCIL

Saturday, June 08, 2024, at
10.30 a.m.

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

A. Opening

45.1 Call to Order and Approval of Agenda of the 45th meeting of the Academic Council.

The Vice Chancellor called to order and placed the agenda of the 45th meeting of the Academic Council for confirmation which was circulated to members by e-mail.

45.2 Confirmation of the minutes of 44th meeting of the Academic Council held on Saturday, February 24, 2024.

The minutes of the 44th meeting of the Academic Council held on February 24, 2024 were circulated to the members.

The draft minutes of the 44th meeting of the Academic Council can be accessed [here](#)



Appendix A

The Minutes of the 44th meeting of the Academic Council held on February 24, 2024 has been confirmed.

45.3 To review the Action Taken Report on the minutes of the 44th meeting of the Academic Council held on Saturday, February 24, 2024.

The Vice Chancellor, placed before the Academic Council to consider the Action Taken Report in respect of the 44th meeting of the Academic Council as described in Table 1.

Table 1: Action Taken Report in respect of 44th meeting of the Academic Council held on February 24, 2024.

S.No	Agenda Item	Decision Taken	Action Taken Report as decided in the ACM.
1	Item No 44.6 – Page 10 To consider and approve to conduct arrear examinations for those students who have failed in the (i) Professional Proficiency courses (under the clause 7.3.7)	The members have accepted the proposal and suggested to explore the possibilities of arranging Intensive course for the benefit of failed students	Will be implemented from the May/June 2024 examinations onwards.

S. Salivanan

Prof. S. Salivanan
Vice Chancellor

1	(ii) Mandatory courses (Constitution of India & Engineer and Society) (under the clause 7.3.8) instead of Re-registration under VTR UGE 2021 (Ref. Section 8.6.4)	immediately after the result and conduct arrear examinations accordingly.	
2	<u>Item No 44.7 – Page 10</u> To discuss and approve the introduction of the Bucket System for elective courses under the Regulations VTR UGE 2021 from the summer semester of the Academic Year 2024-25.	Members approved the bucket system of elective courses and suggested to conduct workshop to the faculty members	One day workshop on “Implementations of Bucket system of courses” conducted on March 16, 2024. Implementation is under process from present 2nd year onwards from the AY 2024-25.
3	<u>Item No 44.9 – Page 10</u> To discuss the Multiple Exit options for the students admitted under the Regulations VTR UGE 2021	Members suggested to evolve implementation strategies of multiple exit before the implementations.	The Implementation strategies will be presented in the next ACM.
4	<u>Item No 44.10 – Page 14</u> To consider and approve the proposal of addition/ reduction of intake in UG PG Programmes for the Academic Year 2024-25.	Members approved the addition/ reduction of intake in UG/PG programmes from the AY 2024-25.	AICTE EoA has been received on May 19, 2024.

The Council has taken note on the Action Taken report of the 44th meeting of the Academic Council held on February 24, 2024.

45.4 To record leave of absence of the members.

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

- * **Dr. N. R. Rajalakshmi,**
Professor & HOD,
Dept. of Artificial Intelligence and Machine Learning
Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology.
- * **Dr. E. Madhaswari,**
Assistant Professor & Dept. of Biomedical,
Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.
- * **Dr. T. Kamaleshwar,**
Assistant Professor & Dept. of CSE,
Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.

* **Dr. S. Saran Raj,**
Assistant Professor & Dept. of CSE,
Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.

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

45.5 To consider and approve the minutes of the Board of Studies of the following disciplines:

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

- **Law - Under Graduate Programmes**

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

The Vice Chancellor, placed it before the Academic Council to consider the recommendations of the 11th Board of Studies for **B.A., LL.B. and B.Com., LL.B.** to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

Dr. B. Venugopal, Professor & Dean, School of Law, presented the recommendations of the 11th Board of Studies meeting conducted on January 03, 2024.

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



Appendix LAW

Prof. R. Venkata Rao, External Member, suggested the following,

1. Separate News Letter for School of Law stating the achievements of Faculty members and Students

S. Salivahannan
Prof. S. Salivahannan
Vice Chancellor

2. Conducting Legal Awareness Camp for the rural peoples in and around the University
3. Exploring more funding options from the Govt. Agencies

Dr. B. Venugopal , Professor & Dean, School of Law, has thanked the member for the suggestions and agreed to implement the same immediately.

Dr. B. Venugopal , Professor & Dean, School of Law, moved that "the recommendations of the 11th Board of Studies for **B.A., LL.B. and B.Com., LL.B.** to be implemented with effect from 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 carried.

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

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

The Vice Chancellor, placed it before the Academic Council to consider the recommendations of the 15th Board of Studies for **B.Sc. Multimedia** to be implemented with effect from the Summer Semester of the Academic Year 2024-25.

Dr. E. Suresh Paul, Professor & Dean - School of Media Technology & Communication, presented the recommendations of the 15th Board of Studies meeting conducted on January 03, 2024.

The Minutes of the BoS meeting

can be accessed [here](#)



**Appendix
MultiMedia**

Dr. E. Suresh Paul, Professor & Dean , School of Media Technology & Communication, moved the recommendations of the 15th Board of Studies for **B.Sc. Multi-media** to be implemented with effect from the Summer semester of the Academic Year 2024-25, be approved.

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

The motion was carried.

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

The Vice Chancellor, placed it before the Academic Council to consider the recommendations of the 15th Board of Studies for **B.Sc. Visual Communication** to be implemented with effect from the Summer semester of the Academic Year 2024-25.

S. Salivan

Prof. S. Salivahanan
Vice Chancellor

Dr. E. Suresh Paul, Professor & Dean - School of Media Technology & Communication, presented the recommendations of the 15th Board of Studies meeting conducted on January 03, 2024.

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



Appendix Viscom

Dr. E. Suresh Paul, Professor & Dean, School of Media Technology & Communication, moved the recommendations of the 15th Board of Studies for **B.Sc. Visual Communication** to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

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

The motion was carried.

c) Bachelor of Commerce (B.Com.)

The Vice Chancellor, placed it before the Academic Council to consider the recommendations of the 3rd Board of Studies for **Bachelor of Commerce (B.Com.)** 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](#)



Appendix BCom

Dr. J. Sri Devi, Assistant Professor & Head, Department of commerce and Business Administration, presented the recommendations of the 3rd Board of Studies meeting conducted on December 01, 2023.

Dr. J. Sri Devi, Assistant Professor & Head, Department of commerce and Business Administration, moved that "the recommendations of the 3rd Board of Studies for **Bachelor of Commerce (B.Com.)** to be implemented with effect from the Summer semester of the Academic Year 2024-25", be approved.

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

The motion was carried.

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

The Vice Chancellor, placed it before the Academic Council to consider the recommendations of the 3rd Board of Studies for **Bachelor of Business Administration**

S. Salivahan

Prof. S. Salivahanan
Vice Chancellor

(B.B.A.) to be implemented with effect from the Summer 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 3rd Board of Studies meeting conducted on December 01, 2023.

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 3rd Board of Studies for **Bachelor of Business Administration (B.B.A.)** to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

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

The motion was carried.

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

a) **M.A. - English**

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

Dr. P. Revathi, Assistant Professor & Head, Department of English, presented the recommendations of the Board of Studies meeting conducted on December 27, 2023.

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



Appendix ENG

Dr. P. Revathi, Assistant 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 Summer Semester of the Academic Year 2024-25", be approved.

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

S. Salivanan

Prof. S. Salivanan
Vice Chancellor

The motion was carried.

b) **M.Sc. - Mathematics**

The Vice Chancellor, placed it before the Academic Council to consider the recommendations of the Board of Studies for **M.Sc. - Mathematics** to be implemented

with effect from the Summer Semester of the Academic Year 2024-25.

Dr. J. Viswanath, Professor & Head, Department of Mathematics, presented the recommendations of the Board of Studies meeting conducted on January 04, 2024.

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



Appendix MATHS

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 Summer Semester of the Academic Year 2024-25", be approved.

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

The motion was carried.

c) M.Sc. - Physics

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

Dr. D. Senthil Kumar, Associate Professor & Head, Department of Physics, presented the recommendations of the Board of Studies meeting conducted on December 26, 2023.

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



Appendix PHY

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 Summer Semester of the Academic Year 2024-25", be approved.

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

The motion was carried.

d) M.Sc. - Chemistry

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

Dr. CH. Hazarathaiyah Yadav, Professor & Head, Department of Chemistry, presented the recommendations of the Board of Studies meeting conducted on January 05, 2024.

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



Appendix CHEM

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

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

The motion was carried.

e. M.Sc. - Data Analytics

The Vice Chancellor, placed it 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 Summer Semester of the Academic Year 2024-25.

Dr. M. S. Muralidhar, Associate Professor & Head, Department of Computer Science & Engineering, presented the recommendations of the 4th meeting of the Board of Studies conducted on January 05, 2024.

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



Appendix M.SC(DA)

Dr. M. S. Muralidhar, Associate Professor & Head, Department of Computer Science & Engineering, moved the recommendations of the 4th Board of Studies for **M.Sc. - Data Analytics** to be implemented with effect from the Summer Semester of the Academic Year 2024-25, be approved.

Dr. R. Parthasarathy, Associate Professor & Head, Department of Computer Science and Design, seconded it.

The motion was carried.

• Management - Post Graduate Programmes

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

The Vice Chancellor, placed it 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 summer semester of the Academic Year 2024-25.

S. Salivan

Prof. S. Salivahanan
Vice Chancellor

The Minutes of the BoS meeting

can be accessed here



Dr. K. Ravishankar, Professor & Head, Department of Management, presented the recommendations of the 27th Board of Studies meeting conducted on December 11, 2023.

Appendix MBA

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 Summer Semester of the Academic Year 2024-25", be approved.

Dr. J. Sri Devi, Assistant Professor & Head, Department of commerce and Business Administration, seconded it.

The motion was carried.

45.6 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)

The Vice Chancellor, placed it before the Academic Council 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).

Dr. A. T. Ravichandran, Professor & Dean Academics, presented 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).

Dr. Krishnan Baskar & Dr. Sankaranarayasamy - External Member, have supported the proposal and suggested to include the continuous assessment as part of the evaluation of the courses.

Dr. Nandagopan - External Member, has suggested to include the Assignment as Compulsory in the Continuous Assessment.

All members have accepted the proposal with the above suggestion.

Dr. A. T. Ravichandran, Professor & Dean Academics, has assured the members that, all the suggestions will be taken in the consideration while preparing the evaluation pattern.

S. Salivan

Prof. S. Salivahanan
Vice Chancellor

Dr. A. T. Ravichandran, Professor & Dean Academics, moved that " 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) ", be approved.

45.6 a) Proposed to amend in the Regulation VTR UGE 2021 to enable the students to earn the minimum credits required under Open Elective Category (Section 7.2.4) by either Online/Physical or by both.

Dr. A. T. Ravichandran, Professor & Dean Academics, presented the Proposed to amend in the Regulation VTR UGE 2021 to enable the students to earn the minimum credits required under Open Elective Category (Section 7.2.4) by either Online/Physical or by both.

All members have accepted the proposal and the suggested to ensure that, courses offered by NPTEL/Swayam portal shall be considered under the Open Elective as such courses are having the proctored examinations.

Dr. A. T. Ravichandran, Professor & Dean Academics, has accepted the suggestions from the members and assured that, NPTEL/Swayam courses only will be considered for credit transfer. He informed the members that the list of courses offered in NPTEL/Swayam portal that are recommended by various department Board of Studies (BoS) under the open elective category will be also be presented in the next meeting.

Dr. A. T. Ravichandran, Professor & Dean Academics, moved that "the proposal of amending the Regulation VTR UGE 2021 to enable the students to earn the minimum credits required under Open Elective Category (Section 7.2.4) by either Online/Physical or by both", be approved.

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

The motion was **carried**.

C. Items for Reporting

45.7 To report the Academic Calendars for the Academic Year 2024-25 for the Under Graduate (UG) and Post Graduate (PG) programmes

The Vice Chancellor, placed it 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.

Dr. A. T. Ravichandran, Professor & Dean Academics, presented the Academic Calendars for the Academic Year 2024-25 for the Under Graduate (UG) and Post Graduate (PG) programmes.

Academic Calendars for the Academic Year 2024-25 can be accessed [here](#)



S. Salivan

Prof. S. Salivahanan
Vice Chancellor

Appendix Academic
Calendar

Vel Tech
Rangarajan Dr. Sagunthala
Institute of Science and Technology
Deemed to be University Act, 1956 of UGC Act, 1956

Dr.A.T. Ravichandran, Professor & Dean Academics, moved that "the Academic Calendar for the Academic Year 2024-25 for Under-graduate (UG) and Post-graduate (PG) level programmes", be reported.

45.8 To report the Extended EoA to various degree programmes by the AICTE for three years from 2024-25 to 2026-27.

The Chair, placed it before the Academic Council to report the Extended EoA to various degree programmes by the AICTE for three years from 2024-25 to 2026-27.

Dr.E. Kannan, Professor & Registrar, presented the report of Extended EoA to various degree programmes by the AICTE for three years from 2024-25 to 2026-27.

AICTE EoA approval for AY
2022-23 can be accessed [here](#)



Appendix "AICTE EoA Approval"

Dr.E.Kannan, Professor & Registrar, moved that "the report of Extended EoA to various degree programmes by the AICTE for three years from 2024-25 to 2026-27.", be reported.

45.9 To report the results of the Ph.D. viva voce conducted since last Academic Council held on February 24, 2024.

The Vice Chancellor, placed it before the Academic Council to ratify the results of the Ph.D. viva voce examinations conducted since last Academic Council held on February 24, 2024.

Dr. R. Sivaraman, Controller of Examinations, presented the results of the Ph.D. viva voce examinations conducted since last Academic Council held on February 24, 2024.

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



Appendix Ph.D. viva voce

Dr. R. Sivaraman, Controller of Examinations, moved that "the results of the Ph. D. viva voce examinations conducted since last Academic Council held on February 24, 2024", be reported.

45.10 To record the progression and achievements of the following Schools and divisions:

a) School of Electrical and Communication.

b) School of Management.

S. Salivan

Prof. S. Salivahanan
Vice Chancellor

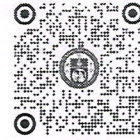
c) Office of Industry Relations.

The Vice Chancellor, placed it before the Academic Council to report the progression of School of Electrical and Communication, School of Management, Office of Industry Relations and their academic achievements.

a) 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.

SoEC presentation can be accessed [here](#)



Appendix SoEC

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.

b) School of Management.

Dr. M.S.R. Mariyappan, Professor & Dean - School of Management, presented the Progression of School of Management and their academic achievements.

SoM presentation can be accessed [here](#)



Appendix SoM

Dr. M.S.R. Mariyappan, Professor & Dean - School of Management, moved that "the Progression of School of Management and their academic achievements", be recorded.

c) Office of Industry Relations.

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

Office of Industry Relations presentation can be accessed [here](#)



Appendix Industry Relations

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

E. Closing

45.11 Any other items with the permission of the Chairperson.

There is no other item brought to the notice of Chairperson.

S. Salivan

Prof. S. Salivahanan
Vice Chancellor

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

46th Regular Meeting of the Academic Council is tentatively scheduled in the **Month of September.**

45.13 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.

45.14 Adjournment

The meeting was adjourned at 2.00 PM.

☆☆☆

S. Salivahan

Prof. S. Salivahanan
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Established in 1984



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



**44th MEETING
OF
THE ACADEMIC COUNCIL
Saturday, February 24, 2024**

MINUTES

Contents

44.1	Call to Order and Approval of Agenda of the 44 th meeting of the Academic Council.	1
44.2	Confirmation of the minutes of 43 rd meeting of the Academic Council held on Saturday, September 23, 2023.	1
44.3	To review the Action Taken Report on the minutes of the 43 rd meeting of the Academic Council held on September 23, 2023.	1
44.4	To record leave of absence of the members.	2
44.5	To discuss and approve the minutes of the Board of Studies of Engineering and Technology - Under Graduate & Post Graduate Programmes (all engineering schools).	3
44.6	To consider and approve to conduct arrear examinations for those students who have failed in the (i) Professional Proficiency courses (<i>under the clause 7.3.7</i>) (ii) Mandatory courses (Constitution of India & Engineer Society) (<i>under the clause 7.3.8</i>) instead of Re-registration under VTR UGE 2021 (<i>Ref. Section 8.6.4</i>)	10
44.7	To discuss and approve the introduction of the Bucket System for elective courses under the Regulations VTR UGE 2021 from the summer semester of the Academic Year 2024-25.	10
44.8	To discuss the NAAC reforms with regard to implementation of Binary Accreditations system and Maturity Based Grading Accredations (MBGA) in the place of present NAAC system of ranking Institution.	12
44.9	To discuss the Multiple Exit options for the students admitted under the Regulations VTR UGE 2021.	13
44.10	To consider and approve the proposal of addition/reduction of intake in UG & PG programmes for the Academic Year 2024-25.	14
44.11	To ratify the admission of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Academic Year 2023-24.	16
44.12	To ratify the admissions under Re-Admission category in the Winter Semester of the Academic Year 2023-24.	17
44.13	To ratify the examination results of Semester End Examinations held during the Summer Semester of Academic Year 2023-24.	18

44.14	To report the results of the Ph.D. viva voce conducted since last Academic Council held on September 23, 2023.	18
44.15	To report the letters received from the UGC with regard to :	
	1. Categorization of this Deemed to be University under Category 1 for Grant of Graded autonomy as per UGC Regulations, 2018.	
	2. Inclusion of the Deemed to be University under section 12B of the UGC Act, 1956.	19
44.16	To record the progression and achievements of the following Schools and divisions:	20
44.17	Any other items with the permission of the Chairperson.	24
44.18	To decide the date of holding the next meeting of the Academic Council.	24
44.19	Vote of Thanks.	24
44.20	Adjournment	24

List of Tables

1	Action Taken Report in respect of 43 rd meeting of the Academic Council held on September 23, 2023.	2
2	UG / PG - Programme for which the students intake is increased	14
3	UG / PG - Programme for which the students intake is reduced	15
4	PG - Closure Programme due to poor intake	15
5	Ph.D. Admission for the Winter Semester of the Academic Year 2023-24	16
6	List of students admitted under Re-Admission category AY 2023-24 (Winter Semester)	17

Minutes of the 44th MEETING OF THE ACADEMIC COUNCIL

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

The Vice Chancellor welcomed all the members and highlighted the significant academic activities that took place recently along with the progressive developments especially with regard to research and developmental activities of the Institution.

A. Opening

44.1 Call to Order and Approval of Agenda of the 44th meeting of the Academic Council.

The Vice Chancellor called to order and placed the agenda of the 44th meeting of the Academic Council for confirmation which was also circulated to the members by e-mail.

- Resolved to approve and record the agenda of the meeting.

44.2 Confirmation of the minutes of 43rd meeting of the Academic Council held on Saturday, September 23, 2023.

The minutes of the 43rd meeting of the Academic Council held on Saturday, September 23, 2023 were circulated to the members for approval.

The draft minutes of the 43rd meeting of the Academic Council can be accessed [here](#)



Appendix A

The Minutes of the 43rd meeting of the Academic Council held on September 23, 2023 has been confirmed.

44.3 To review the Action Taken Report on the minutes of the 43rd meeting of the Academic Council held on September 23, 2023.

The Vice Chancellor, placed it before the Academic Council, the Action Taken Report on the discussion held at the 43rd meeting of the Academic Council as described in Table 1.

Table 1: Action Taken Report in respect of 43rd meeting of the Academic Council held on September 23, 2023.

S.No	Decision Taken	Action Taken Report as decided in the ACM
1	Item No 43.7 - Page 5 To consider and approve the New Regulations of M.B.A. Programme. VTR PGM 2024	The National Conference included with International Conference/Scopus indexed journals as mandatory to submit the project work thesis.

Resolved that the Action Taken report of the 43rd meeting of the Academic Council be approved.

44.4 To record leave of absence of the members.

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

- * **Dr. OR. Nandagopan,**
Director,
DRDO Industry Academia Ramanujan Centre of Excellence, IIT - Madras
- * **Mr. Raghuraman Krishnamurthy,**
Chief Enterprise Architect
P&R Practise, Cognizant, Chennai.
- * **Dr.S.Irudayaraj,**
Professor & Dept. of Mech,
Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.

The Chair has noted their leave of absence.

The list of members attended the 43st meeting of the Academic Council can be accessed [here](#)

The Letter for grant of absence can be accessed [here](#)



Appendix Attendance



Appendix Grant of absence

- Resolved to place it on record, the absence of the members due to various reasons for not attending the ACM.

B. Items for Discussion

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

1. Engineering and Technology - Under Graduate & Post Graduate Programmes

A. B.Tech. - Aeronautical Engineering

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 26th Board of Studies of Department of Aeronautical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. R. Jegan Raj, Associate Professor & Head, Department of Aeronautical Engineering, presented the recommendations of the 26th meeting of the Board of Studies.

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



Appendix AERO

Dr. R. Jegan Raj, Associate Professor & Head, Department of Aeronautical Engineering, moved the recommendations of the 26th Board of Studies of Aeronautical Engineering to be implemented with effect from the Winter semester of the Academic Year 2023-24, be approved.

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

The motion was carried

B. B.Tech. - Artificial Intelligence (AI) and Data Science

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 5th Board of Studies of Department of Artificial Intelligence (AI) and Data Science to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. V. Dhilip kumar, Professor & Head, Department of Artificial Intelligence (AI) and Data Science, presented the recommendations of the 5th meeting of the Board of Studies conducted on December 23, 2023.

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



Appendix AI&DS

Dr. V. Dhilip kumar, Professor & Head, Department of Artificial Intelligence and Data Science, moved the recommendations of the 5th Board of Studies of Artificial Intelligence and Data Science to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr. N. R. Rajalakshmi, Professor & Head, Department of Artificial Intelligence and Machine Learning, seconded it.

The motion was carried

C. B.Tech. - Artificial Intelligence and Machine Learning

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 5th Board of Studies of Department of Artificial Intelligence and Machine Learning to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. N. R. Rajalakshmi, Professor & Head, Department of Artificial Intelligence and Machine Learning, presented the recommendations of the 5th meeting of the Board of Studies conducted on December 23, 2023.

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



Appendix AI&ML

Dr. N. R. Rajalakshmi, Professor & Head, Department of Artificial Intelligence and Machine Learning, moved the recommendations of the 5th Board of Studies of Artificial Intelligence and Machine Learning to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr. V. Dhilip kumar, Associate Professor & Head, Department of Artificial Intelligence and Data Science, seconded it.

The motion was carried

D. B.Tech. - Bio Medical Engineering

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 11th Board of Studies of Department of Bio Medical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. D. Balasubramaniam, Associate Professor & Head, Department of Bio Medical Engineering, presented the recommendations of the 11th meeting of the Board of Studies conducted on January 08, 2024.

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



Appendix BIOMED

Dr. D. Balasubramaniam, Associate Professor & Head, Department of Bio Medical Engineering, moved the recommendations of the 11th Board of Studies of Bio Medical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

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

The motion was carried

E. B.Tech. - Biotechnology

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 11th Board of Studies of Department of Biotechnology to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. P. Azhagu Saravana Babu, Professor & Head, Department of Biotechnology, presented the recommendations of the 11th meeting of the Board of Studies conducted on January 03, 2024.

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



Appendix Biotech

Dr. P. Azhagu Saravana Babu, Professor & Head, Department of Biotechnology, moved the recommendations of the 11th meeting of the Board of Studies of Biotechnology to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

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

The motion was carried

F. B.Tech. - Civil Engineering

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 26th Board of Studies of Department of Civil Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. A. Geetha Selvarani, Professor & Head, Department of Civil Engineering, presented the recommendations of the 26th Board of Studies meeting conducted on December 30, 2023.

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



Appendix Civil

Dr. A. Geetha Selvarani, Professor & Head, Department of Civil Engineering, moved the recommendations of the 26th Board of Studies of Civil Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr. S. Jeyavelu, Associate Professor & Head – Department of Mechanical Engineering, seconded it.

The motion was carried

G. B.Tech. - Computer Science & Engineering

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 38th Board of Studies of Department of Computer Science & Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. M. S. Muralidhar, Associate Professor & Head, Department of Computer Science & Engineering, presented the recommendations of the 38th meeting of the Board of Studies conducted on December 09, 2023.

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



Appendix CSE

Dr. M. S. Muralidhar, Associate Professor & Head, Department of Computer Science & Engineering, moved the recommendations of the 38th Board of Studies of Computer Science & Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr. R. Parthasarathy, Associate Professor & Head, Department of Computer Science and Design, seconded it.

The motion was carried

H. B.Tech. - Computer Science and Design

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 5th Board of Studies of Department of Computer Science and Design to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

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



Appendix CSD

Dr. R. Parthasarathy, Associate Professor & Head, Department of Computer Science and Design, presented the recommendations of the 5th meeting of the Board of Studies conducted on December 09, 2023.

Dr. R. Parthasarathy, Associate Professor & Head, Department of Computer Science and Design, moved the recommendations of the 5th Board of Studies of Computer Science and Design to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr.M.S.Muralidhar, Associate Professor & Head, Department of Computer Science & Engineering, seconded it.

The motion was carried

I. B.Tech. - CSE (Artificial Intelligence and Machine Learning)

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 3rd Board of Studies of CSE (Artificial Intelligence and Machine Learning) to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. S. Lalitha, Associate Professor & Head, Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning), presented the recommendations of the 3rd meeting of the Board of Studies conducted on January 05, 2024.

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



Appendix CSE (AI & ML)

Dr. S. Lalitha, Associate Professor & Head, Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning), moved the recommendations of the 3rd Board of Studies of CSE (Artificial Intelligence and Machine Learning) to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr. P. Jose, Associate Professor, Department of Computer Science & Engineering (Data Science), seconded it.

The motion was carried

J. B.Tech. - CSE (Cyber Security)

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 3rd Board of Studies of CSE (Cyber Security) to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

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



Appendix CSE (CS)

Dr. S. Saravanan, Associate Professor & Head, Department of Computer Science and Engineering (Cyber Security), presented the recommendations of the 3rd meeting of the Board of Studies conducted on January 05, 2024.

Dr. S. Saravanan, Associate Professor & Head, Department of Computer Science and Engineering (Cyber Security), moved the recommendations of the 3rd Board of Studies of CSE (Cyber Security) to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr. S. Lalitha, Associate Professor & Head, Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning), seconded it.

The motion was carried

K. B.Tech. - CSE (Data Science)

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 3rd Board of Studies of CSE (Data Science) to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. P. Jose, Associate Professor & Head, Department of Computer Science and Engineering (Data Science), presented the recommendations of the 3rd meeting of the Board of Studies conducted on January 05, 2024.

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



Appendix CSE (DS)

Dr. P. Jose, Associate Professor & Head, Department of Computer Science and Engineering (Data Science), moved the recommendations of the 3rd Board of Studies of CSE (Data Science) to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr. S. Saravanan, Associate Professor & Head, Department of Computer Science and Engineering (Cyber Security), seconded it.

The motion was carried

L. B.Tech. - Electrical and Electronics Engineering

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 30th Board of Studies of Department of Electrical and Electronics Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

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



Appendix EEE

Dr. S. Ramesh, Professor & Head, Department of Electrical and Electronics Engineering, presented the recommendations of the 31st meeting of the Board of Studies conducted on December 30, 2023.

Dr. S. Ramesh, Professor & Head, Department of Electrical and Electronics Engineering, moved the recommendations of the 31st Board of Studies of Electrical and Electronics Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

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

The motion was carried

M. B.Tech. - Electronics and Communication Engineering

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 40th Board of Studies of Department of Electronics and Communication Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

Dr. A. Selwin Mich Priyadharsan, Professor & Head, Department of Electronics and Communication Engineering, presented the recommendations of the 40th Board of Studies meeting conducted on January 12, 2024.

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



Appendix ECE

Dr. A. Selwin Mich Priyadharsan, Professor & Head, Department of Electronics and Communication Engineering, moved the recommendations of the 40th Board of Studies of Electronics and Communication Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

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

The motion was carried

N. B.Tech. - Information Technology

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 37th Board of Studies of Department of Information Technology to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

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



Appendix IT

Dr. J. Visumathi, Professor & Head, Department of Information Technology, presented the recommendations of the 37th Board of Studies meeting conducted on January 03, 2024.

Dr. J. Visumathi, Professor & Head, Department of Information Technology, moved the recommendations of the 37th Board of Studies of Information Technology to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

Dr. P. Jose, Associate Professor & Head, Department of Computer Science and Engineering (Data Science), seconded it.

The motion was carried

O. B.Tech. - Mechanical Engineering

The Vice Chancellor, placed it before the Academic Council, the recommendations of the 38th Board of Studies of Department of Mechanical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24.

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



Appendix MECH

Dr. S. Jeyavelu, Associate Professor & Head, Department of Mechanical Engineering, presented the recommendations of the 38th meeting of the Board of Studies conducted on January 06, 2024.

Dr. S. Jayavelu, Associate Professor & Head, Department of Mechanical Engineering, moved the recommendations of the 38th Board of Studies of Mechanical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2023-24, be approved.

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

The motion was carried

44.6 To consider and approve to conduct arrear examinations for those students who have failed in the (i) Professional Proficiency courses (*under the clause 7.3.7*) (ii) Mandatory courses (Constitution of India & Engineer Society) (*under the clause 7.3.8*) instead of Re-registration under VTR UGE 2021 (Ref. Section 8.6.4)

The Vice Chancellor, placed it before the Academic Council the proposal of conduct arrear examinations for those students who have failed in the (i) Professional Proficiency courses (*under the clause 7.3.7*) (ii) Mandatory courses (Constitution of India & Engineer Society) (*under the clause 7.3.8*) instead of Re-registration under VTR UGE 2021 (*Ref. Section 8.6.4*).

Dr. A. T. Ravichandran, Professor & Dean Academics, presented the proposal to conduct arrear examinations for those students who have failed in the (i) Professional Proficiency courses (*under the clause 7.3.7*) (ii) Mandatory courses (Constitution of India & Engineer Society) (*under the clause 7.3.8*) instead of Re-registration under VTR UGE 2021 (*Ref. Section 8.6.4*).

The members have accepted the proposal and suggested to explore the possibilities of arranging Intensive course for the benefit of failed students immediately after the result and conduct arrear examinations accordingly.

Dr. A. T. Ravichandran, Professor & Dean Academics, moved that "the proposal to conduct arrear examinations for those students who have failed in the (i) Professional Proficiency courses (*under the clause 7.3.7*) (ii) Mandatory courses (Constitution of India & Engineer Society) (*under the clause 7.3.8*) instead of Re-registration under VTR UGE 2021 (*Ref. Section 8.6.4*)", be approved.

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

The motion was carried.

44.7 To discuss and approve the introduction of the Bucket System for elective courses under the Regulations VTR UGE 2021 from the summer semester of the Academic Year 2024-25.

The Vice Chancellor, placed it before the Academic Council the proposal of introduction of the Bucket System for elective courses under the Regulations VTR UGE 2021 from the summer semester of the Academic Year 2024-25.

Dr. A. T. Ravichandran, Professor & Dean Academics, presented a short note about the Bucket System for elective courses under the Regulations VTR UGE 2021 to be operative from the summer semester of the Academic Year 2024-25.

Summary Note:

Our institution has been following the Choice based Credit System, since 2015. The students are free to handpick the electives of their own choice. This enables students to tailor their learning journey, honing the skills and expertise as they desire across various specialized fields by adding courses one by one in the elective categories.

However, students are facing some minor issues like satisfying the pre-requisites before opting for a particular course, completing the courses before the 9 month+ internships in industries or in universities abroad, missing the registration of certain courses in the previous semester and trying to register them at a later stage etc.,

Moreover, the examination schedules are also unique for every student based on the courses he/she has registered and it may also be spaced either continuously or in non-periodic gaps extending till last day of the examination session.

To address these issues and to strengthen the CBCS, it is proposed to implement the bucket/basket system in the institution in line with the practice observed in other leading universities. Each bucket will have a set of mandatory foundation and programme specific courses along with supplemented by a range of elective options. All the buckets will have the same mandatory courses whereas the set of electives will differ and a student is free to choose any bucket/basket.

These buckets will be so designed that, if the student opts for a specific set of electives in one semester, they can advance to move specialized elective courses in subsequent semesters, ensuring a coherent and progressive academic journey.

This will enhance the better deliverability of courses right on the intended semesters and also will help the students to complete all the required courses before 6 month/ 9 month internships thereby maximizing their competency level for the professional world.

The members welcomed the proposal of introducing the bucket system of elective courses. **Dr Krishnan Baskar**, member opined that, the bucket system of elective courses would be much helpful in the effective implementation of CBCS.

Dr Sankaranarayananasamy, member suggested to conduct workshop to the faculty members to familiarise with the bucket system of elective courses and procedures there on while in offering the elective courses.

Dr. A. T. Ravichandran, Professor & Dean Academics, thanked the members for the suggestions and he assured to arrange workshop and training programmes to the HoDs and concerned faculty members to make them aware of the bucket system of elective courses for smooth implementation from the Academic year 2024-25.

Dr. A. T. Ravichandran, Professor & Dean Academics, moved that “ the introduction of Bucket System for electives courses under the Regulation VTR UGE 2021 from the summer semester of the Academic Year 2024-25” be approved.

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

The motion was carried.

44.8 To discuss the NAAC reforms with regard to implementation of Binary Accreditations system and Maturity Based Grading Accreditations (MBGA) in the place of present NAAC system of ranking Institution.

The Vice Chancellor, placed it before the Academic Council the NAAC reforms with regard to implementation of Binary Accreditation system and Maturity Based Grading Accreditation (MBGA) in the place of present NAAC system of ranking Institution in detail.

Dr. M. Rajeev Kumar, Professor & Dean - Quality Assurance, presented the NAAC reforms with regard to implementation of Binary Accreditations system and Maturity Based Grading Accreditations (MBGA) in the place of present NAAC system of ranking Institution.

Summary Note:

As per the National Education Policy (NEP) 2020, a committee has been constituted under the chairmanship of Dr. K. Radhakrishnan to submit the report on “Transformative Reforms for Strengthening Assessment and Accreditation of Higher Education Institutions in India”. The report which was submitted by the committee has been approved by the Ministry of Education on 16th January 2024. The salient features of the recommendations are;

Binary Accreditation (Either accredited or not accredited) rather than grades with an aim to encourage all the institutions to get on-boarding in the accreditation process thereby creating a quality culture in the higher education system. The binary accreditation is also in line with the best practices followed from many leading countries in the world.

Maturity-Based Graded Accreditation: Level 1 to 5 to encourage the Institutions to raise their bar, continually improve, evolve in-depth or in-breadth in disciplines from 'Level 1' to 'Level 4' as Institutions of National Excellence, and then to 'Level-5', i.e. Institutions of Global Excellence for Multi-Disciplinary Research and Education. The leveled accreditation shall enable Indian Institutions to significantly improve their quality and position themselves among global top institutions.

Based on Dr. K. Radhakrishnan's committee report, the Executive Committee of NAAC in its 104th meeting held on 27th January 2024 decided the following.

The recommended reforms shall be implemented in two stages. In the first stage, the Binary accreditation will be implemented in the next four months and no new applications will be accepted as per the present methodology thereafter. Institutions that have applied and are applying in the next four months shall have the option to either go by the present process or by the new methodology of binary accreditation. The maturity-based graded levels will be implemented by December 2024.

Additionally, it aims to ensure the integrity and transparency of institutional data by centralizing it through a One Nation One Data Platform, serving various purposes such as approval, accreditation, and ranking.

Dr. M. Rajeev Kumar, Professor & Dean - Quality Assurance, moved that " NAAC reforms with regard to implementation of Binary Accreditations system and Maturity Based Grading Accreditations (MBGA) in the place of present NAAC system of ranking Institution.", be reported.

44.9 To discuss the Multiple Exit options for the students admitted under the Regulations VTR UGE 2021.

The Vice Chancellor, placed it before the Academic Council to discuss the Multiple Exit options for the students admitted under the Regulations VTR UGE 2021.

Dr. A. T. Ravichandran, Professor & Dean Academics, presented the proposal of Multiple Exit options for the students admitted under the Regulations VTR UGE 2021.

Dr Krishnan Baskar, member suggested that, the Certificate or Diploma shall be given to the students those who opted exit under the multiple exit system after ensuring their skill level and finishing school approach may also be considered to enable the students to meet the expectations of Industries.

Dr Sankaranarayananasamy, member suggested that the special training might be given to the students to enable them to acquire required skill and knowledge in the respective areas of study.

After elaborate discussions, the members accepted the proposal and suggested to evolve the implementation strategies of multiple exit before the implementation.

Dr. A. T. Ravichandran, Professor & Dean Academics, moved that "proposal of multiple exit options for the students admitted under the Regulations VTR UGE 2021 may be permitted to present again after evolving the implementation strategies".

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

The motion was carried.

C. Items for Consideration**44.10 To consider and approve the proposal of addition/reduction of intake in UG & PG programmes for the Academic Year 2024-25.**

The Vice Chancellor, placed it before the Academic Council the proposal of addition/reduction of intake in UG & PG programmes for the Academic Year 2024-25.

Dr. E. Kannan, Professor & Registrar, presented the proposal of addition/reduction of intake in UG & PG programmes for the Academic Year 2024-25.

Summary Note:

It is submitted that due to the increased demand for B.Tech. Computer Science and Engineering programme, the intake of students for this particular programme is increased from 1104 to 1320. The intake of students for B.Tech. Civil Engineering programme is reduced from 60 to 30 for the academic year 2024-25.

In the case of Post Graduate programmes, there is reduction from 18 to 12 for certain programmes viz (Aeronautical Engineering (Unmanned Aerial Vehicle), Big Data Analytics, Biotechnology, Computer Science & Engineering, Embedded Systems & Technologies, Information & Cyber Security and Power Electronics). Secondly due to the increased demand for the M.Tech. Industrial Safety & Engineering programme, the intake is increased from 18 to 36.

Lastly as the admission for M.Tech. Network Engineering programme is continuously less than the threshold number for the last few years, approval is sought for closure of the programme from 2024-25 onwards.

Table 2: UG / PG - Programme for which the students intake is increased

S.No	UG /PG Programmes	AICTE Approved Intake for 23-24	Admitted Count AY 23-24 (Domestic+ Supernumerary)	Proposed Intake AY 24-25 (Domestic + Supernumerary)
1	Computer Science& Engineering (UG)	1104	1104+159 = 1263	1320+198=1518
2	Industrial Safety and Engineering (PG)	18	18+3=21	36+5=41

Table 3: UG / PG - Programme for which the students intake is reduced

S.No	UG /PG Programmes	AICTE Approved Intake for 23-24	Admitted Count AY 23-24 (Domestic+ Supernumerary)	Proposed Intake AY 24-25 (Domestic + Supernumerary)
1	Civil Engineering (UG)	60	10	30+5=35
2	Aeronautical Engineering (UNMANNED AERIAL VEHICLE) (PG)	18	4	12
3	Big Data Analytics (PG)	18	11	12
4	Biotechnology (PG)	18	8	12
5	Computer Science and Engineering (PG)	18	8	12
6	Embedded Systems and Technologies (PG)	18	4	12
7	Information and Cyber Security (PG)	18	9	12
8	Power Electronics (PG)	18	4	12

Table 4: PG - Closure Programme due to poor intake

S.No	UG /PG Programmes	AICTE Approved Intake for 23-24	Admitted Count AY 23-24 (Domestic+ Supernumerary)	Proposed Intake AY 24-25 (Domestic + Supernumerary)
1	Network Engineering (PG)	18	0	Sought for closure from 2024-25

The proposed intake for the Academic Year 2024-25 can be accessed [here](#)



Appendix Proposed Intake

Dr. E. Kannan, Professor & Registrar, moved that "the proposal of addition/reduction of intake in UG & PG programmes for the Academic Year 2024-25", be approved.

Dr.M.Sivakumar, Professor & Dean - FME , seconded it.

The motion was carried.

D. Items for Ratification**44.11 To ratify the admission of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Academic Year 2023-24.**

The Vice Chancellor, placed it before the Academic Council the admissions of Doctoral (Ph.D.) level Programmes in Engineering and Technology / Science /Law / Management/ Humanities / Arts during the Winter Semester of the Academic Year 2023-24.

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 Winter Semester of the Academic Year 2023-24.

- Summary of Ph.D. Admission AY 2023-24 (Winter Semester)**

The Centre for Academic Research received 209 applications through online. Out of 209 candidates, 25 candidates were exempted from written entrance examination, since they have qualified M. Phil/NET/SLET/GATE and 184 candidates shortlisted for entrance exam. Out of 184, 132 candidates were appeared for the entrance examination in which 100 candidates got eligible for the Interview. Totally 125 candidates including 25 exempted candidates got eligible for the Interview in various departments. Through the concerned department DRC, 91 candidates were selected and have been called for certificate verification. Finally, 69 candidates were admitted where 18 candidates registered in the Full-Time mode and 51 candidates registered in the Part Time mode.

Table 5: Ph.D. Admission for the Winter Semester of the Academic Year 2023-24

S.No.	Department	Applied	Attended for Exam	Provisionally Admitted			
				Full Time	Part Time (Int.)	Part Time (Ext.)	Total
Engineering							
1	Aero	5	5	1	0	0	1
2	Biomed	9	7	0	1	6	7
3	Biotech	17	9	7	0	0	7
4	Civil	14	12	1	0	4	5
5	CSE	34	19	1	0	7	8
6	IT	3	2	0	0	0	0
7	ECE	16	10	1	0	3	4
8	EEE	7	3	0	0	1	1
9	Mech	16	9	0	0	6	6
Total (A)		121	76	11	1	27	39
S&H							
10	Eng	19	11	2	0	5	7
11	Maths	20	7	3	0	5	8
12	Chem	7	3	1	0	2	3
13	Phy	7	5	0	0	2	2

Total (B)		53	26	6	0	14	20
Law & MBA							
14	Law	20	19	0	6	1	7
15	MBA	15	11	1	0	2	3
Total (C)		35	30	1	6	3	10
Over All Total (A+B+C)		209	132	18	7	44	69

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 Winter Semester of the Academic Year 2023-24", be ratified.

The motion was carried.

44.12 To ratify the admissions under Re-Admission category in the Winter Semester of the Academic Year 2023-24.

The Vice Chancellor, placed it before the Academic Council to ratify the admissions under Re-Admission category in the Winter Semester of the Academic Year 2023-24.

Dr. E. Kannan, Professor & Registrar, presented the list of students admitted under Re-Admission category in the Winter Semester of the Academic Year 2023-24.

Table 6: List of students admitted under Re-Admission category AY 2023-24 (Winter Semester)

S.No.	Batch	VTU No	Name of the Student	Programme	Dept.	Sem/Year	Circular No. and Date
1	2020-21	VTU 16881	V. Akilan	B.Tech.	Civil	VI/III	Circular No. 85 dated on 05.01.2024
2	2019-20	VTU 16231	Yash Kumar Sha	B.Tech.	Aero	VII/IV	Circular No. 91 dated on 22.01.2024
3	2021-22	VTU 19334	D Chandu	B.Tech.	CSE (AI&ML)	IV/II	Circular No. 94 dated on 31.01.2024
4	2020-21	VTA 963	R Durai Murugan	B.Com.	-	IV/II	Circular No. 96 dated on 01.02.2024

5	2020-21	VTA 1153	S Rabindran	B.Com.	-	IV/II	Circular No. 96 dated on 01.02.2024
6	2022-23	VTU 23841	G Sameer Kumar	B.Tech.	CSE	III/II	Circular No. 97 dated on 05.02.2024
7	2021-22	VTU 21309	Mythish.G	B.Tech.	Aero	IV/II	Circular No. 98 dated on 08.02.2024
8	2022-23	VTU 21703	V Mathesh	B.Tech.	AI&DS	IV/II	Circular No. 102 dated on 21.02.2024

Dr. E. Kannan, Professor & Registrar, moved that "the list of students admitted through Re-Admission category in the Winter Semester of the Academic Year 2023-24", be ratified.

The motion was carried.

44.13 To ratify the examination results of Semester End Examinations held during the Summer Semester of Academic Year 2023-24.

The Vice Chancellor, placed it before the Academic Council to record the result analysis of the Semester end examination held during Summer Semester of the Academic Year 2023-24.

Dr. R. Sivaraman, Professor & Controller of Examinations, presented the examination results of Semester End Examinations held during the Summer Semester of 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.

The motion was carried.

E. Items for Reporting

44.14 To report the results of the Ph.D. viva voce conducted since last Academic Council held on September 23, 2023.

The Vice Chancellor, placed it before the Academic Council the results of the Ph.D. viva voce examinations conducted since last Academic Council held on September 23, 2023.

Dr. R. Sivaraman, Controller of Examinations, presented the results of the Ph.D. viva voce examinations conducted since last Academic Council held on September 23, 2023.

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

here



**Appendix Ph.D. viva
voce**

Dr. R. Sivaraman, Controller of Examinations, moved that "the results of the Ph. D. viva voce examinations conducted since last Academic Council held on September 23, 2023", be ratified.

The motion was carried.

44.15 To report the letters received from the UGC with regard to :

- 1. Categorization of this Deemed to be University under Category 1 for Grant of Graded autonomy as per UGC Regulations, 2018.**
- 2. Inclusion of the Deemed to be University under section 12B of the UGC Act, 1956.**

The Vice Chancellor, placed it before the Academic Council to report the letters received from the UGC with regard to 1. Categorization of this Deemed to be University under Category 1 for Grant of Graded autonomy as per UGC Regulations, 2018, 2. Inclusion of the Deemed to be University under section 12B of the UGC Act, 1956.

Dr. E. Kannan, Professor & Registrar, presented the letters received from the UGC with regard to 1. Categorization of this Deemed to be University under Category 1 for Grant of Graded autonomy as per UGC Regulations, 2018, 2. Inclusion of the Deemed to be University under section 12B of the UGC Act, 1956.

Summary Note:

The UGC has notified UGC [Categorization of Universities (only) for Grant of Grade I [Autonomy]] Regulations, 2018 on 12th February, 2018 in the Gazette of India.

The proposal submitted by the Vel Tech Rangarajhn Dr. Sagunthala R & D Institute of Science and Technology (Deemed to be University) has been examined, processed, and considered by the UGC for the up-gradation of Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology as Category-I Deemed to be University as per the provisions of the above UGC Regulations. Accordingly, the Deemed to be University shall now be eligible for all the benefits as stipulated under Clause 4 (Dimensions of Autonomy for Category-I Universities) of the UGC Regulations.

Similarly, the University Grants Commission in its 574th meeting held on 03.11.2023 considered the application submitted by our institution and decided to grant 12B status to Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, (Deemed to be University) subject to the condition that the financial assistance under all UGC schemes shall be limited to those relating to teachers and students only.

Accordingly, the Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, (Deemed to be University) is included under section 12B of the UGC Act 1956 to be eligible for central assistance. The Acknowledgement has been submitted to the UGC as per this official communication no. VT/R/L/UGC-Grant of graded autonomy/23-24/051 dated 16.11.2011 along with the relevant documents in person for inclusion of the Institution in the list of Institutions in the country coming under Category I deemed to be Universities and publication of the same in the UGC official Website.

Dr. E. Kannan, Professor & Registrar, moved that report the letters received from the UGC with regard to 1. Categorization of this Deemed to be University under Category 1 for Grant of Graded autonomy as per UGC Regulations, 2018, 2. Inclusion of the Deemed to be University under section 12B of the UGC Act, 1956 and the action taken on these letters", be recorded.

The motion was carried.

44.16 To record the progression and achievements of the following Schools and divisions:

a) School of Mechanical and Construction.

b) School of Law.

The Vice Chancellor, placed it before the Academic Council to report the progression of School of Mechanical and Construction, School of Law and their academic achievements.

a) School of Mechanical and Construction.

Dr.N. Lenin, Professor & Dean - School of Mechanical and Construction, presented the Progression of School of Mechanical and Construction and their academic achievements.

Summary Note:

The School of Mechanical and Construction is comprised of the Aeronautical, Automobile, Civil, and Mechanical Engineering departments. Civil Engineering had been accredited for three years by the National Board of Accreditation (NBA) in their second cycle, which was assessed in August 2022. Aeronautical and Mechanical Engineering departments have been accredited by the National Board of Accreditation in March 2023 for the next three years.

In the academic year 2023-2024, 747 students were enrolled in the School of Mechanical and Construction. On this, 585 students were in UG programs (Aeronautical: 178, Automobile: 11, Civil: 128, and Mechanical: 268), and 127 students were in PG programs (Aeronautical: 6, Civil: 43, and Mechanical: 78). 35 scholars were admitted to their Ph.D. programs (Aeronautical: 6, Civil: 7, and Mechanical: 22).

The School of Mechanical and Construction has a well-qualified and experienced team of faculty members in the respective disciplines. Presently, 92 full-time faculty members are working at SoMC. 27 are designated as professors, 15 as associate professors, and 50 as assistant professors. On the qualification list, 1 is a post-doctoral fellow, 72 faculty members hold doctoral degrees, 17 faculty members are pursuing their Ph.D., and 2 faculty members are post-graduate degree holders.

The SoMC faculty members are actively participating in research activities. Noble guidance is being provided to all U.G. and P.G. students in their project work. Doctoral faculty members are guiding the Full Time and Part Time research scholars.

Faculty members of SoMC had published 287 journal articles in WoS and Scopus journals from January 2023 to February 2024, with huge citations around 2000. 13 patents were awarded and 17 patents were published to the credit of the faculty members of SoMC in the AY 2023–24.

The funded projects with the total worth of Rs. 99 lakhs were received from various funding agencies such as DST, SERB, ISRO, DRDO, etc. in this academic year. A total of 25 consultancy projects worth Rs. 36.74 lakhs were received from various industries. 30 project proposals had been submitted by SoMC faculty. 13 research scholars at SoMC had completed the Ph.D. degree from January 2023 to February 2024.

Students are continuously encouraged to participate in various events, and the outcome is that 101 students participated in 24 events and won numerous and prestigious awards. 24 students of SoMC are undergoing project internships in world-top-ranked institutes with scholarships, and 83 students are doing their project internships at leading industries all over India. Regarding placements, 198 students out of 458 graduates have been placed in premier MNCs and industries to date, and 22 students are pursuing their higher studies abroad and in India.

The SoMC raised the graduation ratio to 90%, with Aeronautical at 85%, Automobile at 94%, Civil at 79%, and Mechanical at 95% in the 2023 graduation.

Dr.N. Lenin, Professor & Dean - School of Mechanical and Construction, moved that "the Progression of School of Mechanical and Construction and their academic achievements", be recorded.

b) School of Law.

Prof. Dr. B. Venugopal , Professor & Dean - School of Law, presented the Progression of School of Law and the academic achievements.

Summary Note:

The School of Law started in the year 2018 and offers undergraduate programmes of B.A.LLB(Hons), B.Com LLB(Hons) and also Ph.D Programmes . There are more than 50 faculty members in the school and 928 students of which 530 are boys and 398 are girls.

The Academic year 2023-24 has been an eventful year so far. The School of Law organized a Two Days National Seminar on the Interplay of Women, Law, and Society - Issues and Challenges on the 10th and 11th of November 2023.

On the 10th, Honorable Dr. Justice P. Devadass, Former Judge of Madras High Court and currently serving as the Lokayukta Judge was the Chief Guest for the Inaugural Ceremony. Adv. Dr. Shantha Kumari, President of the Tamil Nadu Association of Women Lawyers, was the Guest of Honour. Vice Chancellor Prof. S. Salivahanan and Deans of School of Media Studies and School of Management Studies graced the occasion. The technical sessions were conducted after the inaugural ceremony. On the 11th, research paper presentations were held in seven venues simultaneously. Mr. M.D. Arifur Rahman, Second Secretary & Head of Chancery, Deputy High Commission for the People's Republic of Bangladesh, Chennai, India was the chief guest for the valedictory function and he also released the journal titled ' Interplay of Women, Law, and Society - Issues and Challenges'. Prof. Dr. Gowri Ramesh, Registrar of Tamil Nadu Dr.Ambedkar Law University, also graced the occasion as the Guest of Honour .

The School of Law celebrated Constitutional Day, a significant occasion that marks the adoption of the Constitution of our nation. Mr G Ramar, Assistant Commandant, CRPF, Avadi, Chennai was the chief guest for the event organised on 27.11.2023.

The School of Law conducted the first intra collegiate 'Crime Scene Investigation Competition' on 14/10/2023. The Competition is about introspecting a crime scene to establish the possible link between suspect, victim, and witnesses in relation to a criminal event.

The event was judged by Mr. Vijay Karthik, Faculty of Law, Dr.Ambedkar Govt Law College, Tiruvallur, Ms. Indira, Faculty of Law, Dr. Ambedkar Govt Law College, Chengalpattu and Mr. Anbalagan, Assistant Commissioner of Police, Avadi.

A significant achievement of the School this year was that for the second consecutive year the funding from ICSSR project was awarded to its faculty. Dr. K. Barathiraja, has been awarded ICSSR: Minor Research Project-2023-24 with a grant of Rs. 9,65,600/- for the duration of 1 year. Dr. K. Illakiya, was awarded ICSSR: Minor Research Project - 2022-23 with a grant of Rs. 4,55,000 for the duration 1 year.

The School conducts various outreach programmes towards legal awareness and legal aid. On 31-05-2023, in the village Koduvalli, an awareness campaign on child rights and also helpline numbers were held. On 02-06-2023 in the village Vellanur, awareness campaign on the rights of the women under the Indian Legal framework was organised.

On 14-07-2023, Anti Ragging awareness campaign was conducted in the School of Law premises. Legal Awareness Programme was conducted in Alamathi Village by Thiru. P.V. Sandilyan, Secretary and Senior Civil Judge, District Legal Service Authority, Thiruvallur District Court along with School of Law Students on 07.08.2023. Legal Awareness Programme was also conducted in the School of Law Campus by Thiru. P.V. Sandilyan, Secretary and Senior Civil Judge, District Legal Service Authority, Thiruvallur District Court, Thiruvallur on 22.09.2023. A legal awareness along with the village president was on 30.09.2023 in Kadhirvedu village.

By way of practical training, a visit to the Juvenile Justice Board in Kelly's, Chennai was organised from June 25th to 27th of 2023, both for the faculty and students.

So far five Special Lectures have been organised. A special lecture on Constitution Amendments: To Mend the Mind & Manage Crisis was delivered by Mr A. Jaison, Member of the Social Justice Monitoring Committee Government of Tamil Nadu on 6th October 2023. Lecture on Article 14- An Overview was delivered by Dr.G.Rajasekar, Head i/c, Department of Legal Studies, University of Madras on the 12th October 2023. A special lecture on the Law of Banking was delivered by Mrs K. S Begum, an Advocate and Notary Public on 20.10.2023. A special lecture on Application of Statistical tools in Legal Studies was delivered by Dr.D. Sathiyavan, Prof and Head, Department of Econometrics, University of Madras on 8th February 2024. A special Lecture on Research Methodology in Socio- Legal Perspectives by Dr.M. Thamilarasu by Prof. and Head, Department of Sociology, University of Madras.

The faculty of the school regularly attend faculty development programmes to stay updated on the latest trends in the field of law. The faculty participate and present papers in seminars and conferences and they have also published research papers in edited books, peer reviewed journals, UGC approved journals and a few also have Scopus publication. The students also bring accolades to the institution. 1st-year student Deepak D has won the "Gold Medal" at the 14th National Youth Games Championship 2023 in SILAMBAM- Surul Vaal under category 19, held at Chougule Sports College, Goa on 07th October 2023. S.Sandhiya & S.Hemavathy from IIIrd BA., LLB got 1st and 2nd Prize respectively in the Alternative Judgement writing competition conducted by Christ Academy of Law, Bengaluru. Sampathi Rao Sindhu (VTA 2377), II Year B. Com LLB, Naval Wing Cadet has participated in the 75th Republic Day Parade 2024.

She has also been selected to participate in the Youth Exchange Program (YEP) as a representative of India in other countries. She will be visiting 10 countries.

Prof. Dr. B. Venugopal , Professor & Dean - School of Law, moved that "the Progression of School of Law and the academic achievements", be recorded.

The motion was carried.

E. Closing

44.17 Any other items with the permission of the Chairperson.

No items other than those included in the agenda were taken-up for discussions.

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

It has been decided to hold the next meeting of the Academic Council in the **Month of June 2024** and to inform the members regarding the exact date and time of the meeting sufficiently in advance.

44.19 Vote of Thanks.

Dr. E. Kannan, Professor & Registrar, extended his thankfulness to all the members for actively participated in discussions and he assured that their suggestions and inputs would be taken into considerations for inclusion in the minutes.

44.20 Adjournment

The meeting was adjourned at 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 LAW

11th BOARD OF STUDIES MEETING SCHOOL OF LAW

MINUTES OF MEETING

DATE	03.01.2024
VENUE	SEMINAR HALL-SCHOOL OF LAW
TIME	10.30 AM

**SCHOOL OF SCHOOL
NEW VELLANURE
AVADI
CHENNAI 600 062**

School of Law

21.12.2023

PROF. Dr.B.Venugopal

DEAN

CIRCULAR

The 11th Board of Studies in Law meeting is scheduled to be conducted on 03.01.2024 at Dean Cabin 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 about the 2023 Regulation syllabus
2. To discuss about inclusion and exclusion of subjects according to the contemporary Academic Standards with reference to the Academic Council Meeting of University
3. To discuss about the conduct of Classes and Examinations for the Upcoming Semester
4. To discuss about other issues if any with the permission of the Chair.

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 Pattaraiperambathure
8. Dr.G.Rajasekar Hod (i/c) Dept of Legal Studies, University of Madras

Prof (Dr).B.Venugopal
Dean 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)

School of Law

Minutes of the 11th Board of Studies Meeting held at School of Law dated 03.01.2024

Date of the Meeting	03.01.2024
Venue of the Meeting	Seminar Hall- School of Law
Time	10.00 AM to 2.30 PM
Total number of External Members	3
Total Number of Internal Members	5

The 11th 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	About the New Inclusion of Internal and External Members	<ul style="list-style-type: none">• The Chairman Introduced the New Internal and External Members included in the Board of Studies of School of Law.• Prof Dr.B.Venugopal Introduced Dr.S.T.Naidu Associate Professor, Dr.Bharathiraja (Associate Professor, Dr.K.Illakiya Assistant Professor and Dr.Y.Ebenezer Assistant Professor as the new Internal members) and Prof (Dr) N.Kayalvizhi, Principal Govt Law College Pattaraipermbathure, Dr.G.Rajasekar HoD(i/c) Dept of Legal Studies, University of Madras as the new External Members in the Board of Studies.

2	About the Resolutions Passed in the 10th Board of Studies	<p>The resolutions passed by the 10th Board of studies was discussed in detail.</p> <ul style="list-style-type: none"> • Dr.B.Venugopal pointed out that there was a remarkable change in the legal Education and the resolutions passed in the 10th Board of Studies has to be reviewed again • Dr.G.Rajasekar also after going through the said resolution agreed and showed his interest in reviewing and revamping the decisions • Dr.N.Kayalvizhi also agreed the same and opined about the inclusions in the resolution • The Internal members also agreed upon the same and showed their interest in reviewing the resolution
3	About the 2023 Regulation	<p>The New 2023 Regulation supposed to be implemented according to the 10th Board of Studies was Discussed</p> <ul style="list-style-type: none"> • The 10th Board of Studies resolution states that the syllabus has to be reviewed and framed according to the recent trends in legal studies, • The Internal Members showed their interest in adding many things in the 2023 regulation syllabus, they univocally raised that the syllabus of certain subjects should be revamped and some of the subjects has to be included.
4	About the New Question Paper pattern	<p>The New 2023 Regulation question paper</p> <ul style="list-style-type: none"> • The Existing question paper pattern was not reviewed in the 10th Board of Studies and that was seriously discussed and scrutinised in the 11th Board of Studies • Prof Dr.B.Someshwara Rao conveyed that the University Examination authorities showed their dissatisfaction in the Existing question paper pattern. • Prof Dr.B.Venugopal introduced the new Examination Question paper pattern for Law Subjects, other than law subjects and English • The New Examination question pattern was appreciated by the panel univocally

<p>5</p>	<p>About the Events Conducted at School of Law</p>	<p>The Academic Events Conducted</p> <ul style="list-style-type: none"> • Prof Dr.N.Kayalvizhi raised a discussion about the academic activities conducted by the School of Law • Prof Dr.B.Venugopal Listed out the events that was conducted at the school of law as follows <ol style="list-style-type: none"> 1. Two Days National Seminar on “Interplay of Women, Law and Society” Issues and Challenges dated 10th and 11th November 2024 in which 93 quality papers were published in the International Journal of Law and Social Science with ISSN 2394-4277. Dr.B.Someswara Rao pointed out that more than 15 faculty members and more than 25 students presented their papers and it was subsequently published. He also pointed out that it was the first-time school of Law is organising National Level Seminar 2. Intra Crime Scene Investigation competition was conducted at the School of Law and many of the students wee benefitted 3. The Constitution Day Event was conducted 4. Three Special Lectures by Senior Advocates and Renowned Faculty Members 5. National Level English Moot Court scheduled to be conducted on 7th to 9th March 2024
----------	---	---

Summary of the 11th Board of Studies

The School of Law conducted its 11th Board of Studies meeting on 03rd January 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 21.12.2023

The Chairman of the Board presented all the relevant papers and explained the activities of the School of Law to the Board Members. The resolutions passed in the 10th Board of Studies was furnished to the New Members of the Committee, It was decided that the 10th Board of Studies resolutions and conclusions has to be added with some more betterments accordingly.

According to the suggestions of the Board and mandates of the Bar Council of India along with the UGC guidelines the syllabus of the BA.,LLB and BCOM.,LLB has been modified accordingly.

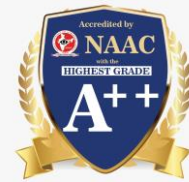
The Chairman of the Board proudly conveyed to the committee that the school of Law has received its second ICSSR funded Research project proposed by Dr.Barathiraja Associate professor of Political science. The project worth Rs10,0000.

The chairman has also conveyed that the Examination Question Paper pattern has been changed for Law, other than Law subjects and English

At the end of the Discussion, the chairman of the Board of Studies thanked the entire committee members for their cooperation and suggestions. Prof Dr.G.Rajasekar appreciated the efforts of the School of Law for the academic activities done in school of Law. Prof Dr.N.Kayalvizhi praised the efforts of Dr.B.Venugopal Dean of Law and Dr.B.Someswara Rao Head of the Department for their sincere efforts in innovating new academic ideas for the betterment of the 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)



**SCHOOL OF
MEDIA TECHNOLOGY & COMMUNICATION**

MINUTES OF MEETING

15th BOARD OF STUDIES

on

03.01.2024

VTR UGAS21

B.Sc. (VISUAL COMMUNICATION)

B.Sc. (MULTIMEDIA)



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

SCHOOL OF MEDIA TECHNOLOGY AND COMMUNICATION

15th BOARD OF STUDIES

(03rd January 2024, Wednesday)

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 Associate Professor, Department of Electronic Media and Mass Communication, Pondicherry University, Puducherry.	External Expert Member	 3/1/2024
3	Ms. Malini Head- Department of Multimedia and Animation, Loyola College, Chennai.	External Expert Member	 3.1.2024.
1	Mr. R. Venkatesh Babu CEO, Global Villagers, Chennai	Industry Expert Member	 3/1/2024
2	Mr. Deepak Nair Director, Story bucket studies and Animation	Industry Expert Member	



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Est. in S. 3 of UGC Act, 1956)

SCHOOL OF MEDIA TECHNOLOGY AND COMMUNICATION

15th BOARD OF STUDIES

(03rd January 2024, Wednesday)

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	Mr. M. Lakshmi Narayanan 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. Selva Vinayagam Assistant Professor School of Media Technology and Communication	Special Invitee	
6	Ms. Devi Lakshmi Assistant Professor School of Media Technology and Communication	Special Invitee	-



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

SCHOOL OF MEDIA TECHNOLOGY AND COMMUNICATION

15th BOARD OF STUDIES

(03rd January 2024, Wednesday)

MEMBERS OF THE BOARD OF STUDIES

S. No	Name, Designation and Organization	Functional Designation	Signature
1	Mr. KAARTHIK GANESAN	Alumni	<i>Kaarthik Ganesan</i>
2	Mr. JASPER RAJ S III – BSc Visual Communication	Current Student	<i>Jasper Raj S</i>
3	Ms. VEENA SRI III – BSc Visual Communication	Current Student	<i>Veena Sri</i>
4	Ms. RAMYYA A I – BSc Visual Communication	Current Student	<i>Ramyya A</i>
5	Mr. B LALITH RAGHAVENDAR III – BSc Multimedia	Current Student	<i>B. Lalith</i>
6	Mr. M. HARISH II – BSc Multimedia	Current Student	<i>Harish</i>
7	Ms. DANIYA BENIT R S I – BSc Multimedia	Current Student	<i>Daniya Benit R S</i>



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 Media Technology & Communication
Department of Visual Communication
&
Department of Multimedia**

Minutes of the 15th Board of Studies meeting held on 03rd Jan 2024

The 15th Board of Studies - B.Sc. (Visual Communication) & B.Sc. (Multimedia) under VTR UGAS21 Regulation was held in Block 37 between 10.00 am to 3.00 pm and 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, Associate Professor – Department of Electronic Media and Mass Communication, Pondicherry University, Puducherry.

Ms. Malini, Head & Assistant Professor – Loyola Kaushal Kendra, 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

Mr. M. Lakshmi Narayanan, Asst. Professor, School of Media Technology & Communication

Mr. B. Ramesh Lal, Asst. Professor, School of Media Technology & Communication

Mr. M. Dhanyanithi, Asst. Professor, School of Media Technology & Communication

Mr. SelvaVinayagam, Asst. Professor, School of Media Technology & Communication.

Ms. S. Devi Lakshmi, Asst. Professor, School of Media Technology & Communication

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

The following is the agenda of the 15th BoS.

Agenda No Agenda

- 15BoS – 01 Presentation by Chair of Board of Studies
- 15BoS – 02 Student's feedback about the Curriculum
- 15BoS – 03 Discussion on curriculum and 1st semester syllabus for B.Sc. Multimedia
- 15BoS – 04 Discussion on curriculum and 2nd semester syllabus for B.Sc. Multimedia
- 15BoS – 05 Discussion on curriculum and 3rd semester syllabus for B.Sc. Multimedia
- 15BoS – 06 Discussion on curriculum and 4th semester syllabus for B.Sc. Multimedia
- 15BoS – 07 Discussion on curriculum and 5th semester syllabus for B.Sc. Multimedia
- 15BoS – 08 Discussion on curriculum and 1st semester syllabus for B.Sc. Visual Communication
- 15BoS – 09 Discussion on curriculum and 2nd semester syllabus for B.Sc. Visual Communication
- 15BoS – 10 Discussion on curriculum and 3rd semester syllabus for B.Sc. Visual Communication
- 15BoS – 11 Discussion on curriculum and 4th semester syllabus for B.Sc. Visual Communication
- 15BoS – 12 Discussion on curriculum and 5th semester syllabus for B.Sc. Visual Communication
- 15BoS – 13 Any other items.

Agenda 15 BoS – 01 Presentation by Chair of Board of Studies

The Chairperson introduced himself and explained the curriculum for B.Sc. (Visual Communication) and B.Sc. (Multimedia) under VTR UGAS21 Regulation. He also requested the members to give their open views to tune the curriculum and syllabus to the expectations of the Industry and the stakeholders.

Discussion:

Ms Malini said that Artificial Intelligence could be added as a component of the Multimedia curriculum.

Action:

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

Agenda 15 BoS – 02 Students' feedback about the Curriculum

Student Representatives:

1. Mr. Jasper Raj, III B.Sc. Visual Communication
2. Ms. Veena Sri, II B.Sc. Visual Communication
3. Ms. Ramyya, I B.Sc. Visual Communication
4. Mr. Lalith Raghavendar, III B.Sc. Multimedia
5. Mr. Harish, II B.Sc. Multimedia
6. Ms. Daniya Benit R S, I B.Sc. Multimedia

Alumni Student Representative:

1. Karthik Ganesan

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

Discussion:

The following is the feedback given by the students

- 3D Animation should be given as one course to Multimedia Students (Mr. Lalith Raghavendar)
- E-content Development theory paper can be converted into an integrated course category (Mr. Jasper Raj)
- The other students expressed their happiness about the teaching-learning process and shared their positive views about the school of media technology and communication (Ms Veena Sri, Mr Harish, Ms Ramyya and Ms Daniya Benit R S).

The following is the feedback given by the Alumni

- He gave a self-introduction about his current occupation and designation. He explained the industry workflow and how this program is apt for the industry's needs. In addition, he said that now the department has sufficient Labs and equipment. He also suggested that cinematography subjects could be introduced to the visual communication program. (Karthik Ganesan)

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.

Agenda 15 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	No changes
50211MM219	Programme Core II	Photography - Framing & Composition	No changes
50211MM303	Programme Core III	Drawing	No changes
50218MM301	Ability Enhancement Courses	Basics of Computer	No changes
50218MM302	Ability Enhancement Courses	Environmental Studies	No changes

The members of the BoS discussed and suggested introducing a Communication Theory course in the curriculum for B.Sc. Multimedia.

Action

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

Agenda 15 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.

Agenda 13 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.

Agenda 13 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	Ms. Malini suggested that Instead of this course, a Digital Marketing course can be considered.
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.

Agenda 13 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 the 5th semester are Visual Effects (50211MM314), 3D Environmental Design (50211MM315), Video Editing (50211MM316), Digital Intermediate (50212MM204), Augmented Reality Virtual Reality (50212MM205), 3D Stereoscope (50212MM206) 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	The BOS members have suggested adding more exercises to the course.
50212MM204	Programme Elective I	Digital Intermediate	Ms. Malini and Mr. Venkatesh Babu have suggested organizing industrial visits and expert input sessions for the course.
50212MM205	Programme Elective II	Augmented Reality Virtual Reality	No changes
50212MM206	Programme Elective III	3D Stereoscope	No changes
50218MM306	Ability Enhancement Courses	Portfolio Presentation	Instead of this course, the BOS members suggested offering a Presentation Skills course here.

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.

Agenda 13 BoS - 09 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 & Principles	Dr. M. Shuhaib Mohammed Haneef and Ms. Malini have suggested reducing the content in Unit II and restructuring the content in Unit IV & V.
50211VC318	Programme Core II	Visual Literacy	No changes
50211VC303	Programme Core III	Graphic Design	No changes
50218VC301	Ability Enhancement Courses	Basics of Computer	No changes
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.

Agenda 13 BoS - 10 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	Dr. M. Shuhaib Mohammed Haneef and Ms. Malini have suggested modifying unit 1 by including the introduction about communication theory, culture and codes in the unit. And remove the repetitive and obsolete content in other units.
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	Dr. M. Shuhaib Mohammed Haneef and Mr. Venkatesh Babu have suggested rearranging the unit content. And add content on new developments.
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.

Agenda 13 BoS - 11 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	No Changes
50211VC211	Programme Core XI	Writing for Media	No Changes
50211VC312	Programme Core XII	Web Designing	Dr. M. Shuhaib Mohammed Haneef and Ms. Malini suggested adding UI/UX Design as a unit. Furthermore, they suggested to include design brainstorming, usability and navigation.
50213MM101	Open Elective I	Performing Skills	BOS members suggested to give 6 teaching hours instead of the present 3 hours per week. Navarasa' theory could be included in this course.
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.

Agenda13 BoS - 12 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), 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	<ul style="list-style-type: none"> • Dr M. Shuhaib Mohammed Haneef and Ms Malini have suggested adding Social Media Marketing in Unit II. • Mr. Venkatesh Babu has suggested adding Influencer Marketing and meme creation.
50212VC201	Programme Electives I & II	Event Photography	No Changes
50212VC202		Video Editing	The BOS members suggested removing the content related to the old method of video capturing from Unit III. And asked to add more assignments and exercises.
50212VC203		Copy Writing	No changes
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.

Agenda13 BoS – 13 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 suggested converting this course to an integrated category. In addition, the BOS members suggest to include E-Content editing.
50218VC306	Ability Enhancement Courses	Portfolio Presentation	Instead of this course, the BOS members have suggested offering a Presentation Skills course here.

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.

Agenda13 BoS – 17 any other items

1. The chairperson discussed with BOS members to organize an International Conference during the winter semester.
2. BOS members have suggested starting Certificate Courses in specialized areas like Cinematography, Editing, Sound Design, Direction, Script Writing and Acting. Also to start the PhD Programme.
3. The BOS Members appreciated the enhancements that took place in Labs and Equipment.
4. The BOS members point out the need for an additional Lab for conducting classes for Video Editing and Digital Intermediate. They also expressed their concern for at least two smart classrooms and a well-equipped seminar/Screening hall
5. The BOS Members suggested to have more IVs, Workshops and Expert input sessions. They also asked to see the possibilities of MOUs and Industry collaborations.
6. The Chair person expressed his concern over the admissions.

Discussions:

The BOS External members welcomed the idea of conducting the International Conference. In addition, the members suggested conference topic and themes. They also discussed about improving admissions

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: 03rd January 2024

Chairman – BOS



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 MANAGEMENT
[SoM]

DEPARTMENT OF COMMERCE AND BUSINESS ADMINISTRATION

3rd BOARD OF STUDIES of DCBA

FOR

BACHELOR OF COMMERCE AND BUSINESS ADMINISTRATION

(B.Com & B.B.A)

on

1st December, 2023



DEPARTMENT OF COMMERCE AND BUSINESS ADMINISTRATION
BOARD OF STUDIES

Members of the Board of Studies for the Department of Commerce and Business Administration held their meeting on 1st December, 202 (Friday) at 10.0 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	Chairman, Board of Studies	
External Experts			
	Dr.J.Arul Suresh, Associate Professor, Department of Commerce, Loyola College, Chennai, 60004. Mobile: +91 9884855522 :E-mail: jaruluresh@gmail.com	Academic Expert	
4	Ms.Angel Edzoe, CEO, Edzoe Company, Mylapore, Chennai, Mobile: +91 9566141577 E-mail: angelinindira@edzoe.com	Industrial Expert	
5	Ms. Pooja Bishoyi, Executive HR. Revone HR Consulting Services Pvt. Ltd., Chennai. Mobile: +91 94980024 E-mail: pooja.bishoyi710@gmail.com	Alumni	
Internal Experts			
6	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 :E-mail: deansomgt@veltech.edu.in	Internal Member	
7	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	Internal Member	

	E-mail: drvijai@veltech.edu.in		
9	Dr.G.Chandramouleswaran, 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	
10	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	

The 3rd Board of Studies meeting for review and approval of the course structure of B.Com and BBA pertaining to Academic Year 2023-2024 was held on 1st December, 2023 at 10:30 A.M. in Block 35, Seminar Hall. Dr. J. Sridevi, Head – Department of Commerce and Business Administration, School of Management, opened his speech by welcoming the Founder President Dr. Vel R Rangarajan, Foundress President Dr. Sagunthala Rangarajan, Vice Chancellor Prof. Dr. Salivahanan, Registrar Dr. E. Kannan and Dean Academics Dr. A. T. Ravichandran. She welcomed the BoS members in her opening note and continued with the following agenda.



DEPARTMENT OF COMMERCE AND BUSINESS ADMINISTRATION
3rd BOARD OF STUDIES MEETING

AGENDA

Date: 01.12.2022

Time: 10.30 a.m.

The following items for Confirmation, discussion, and approval on the Board of Studies Meeting:

Agenda	Items for Confirmation
3 BoS 01	To Confirm the minutes of meeting of the 2 nd BoS held on 29.05.2023.
3 BoS 02	Action taken report on minutes of 2 nd BoS meeting.
3 BoS 03	To record leave of absence of members

Agenda	Items for Consideration and Approval
3 BoS 04	To discuss and approve B.Com. Programme (General / Corporate Secretaryship / Accounting and Finance / Professional Accounting) Course Contents for the VI Semester under Regulations VTR UGAS-2021, (For Batch: 2021-2024 / Academic Year: 2023-2024).
3 BoS 05	To approve B.Com. Programme (General / Corporate Secretaryship / Accounting and Finance/ Professional Accounting) Course Contents update for IV Semester under Regulations VTR UGAS-2021. (For Batch: 2022-2025 / Academic Year: 2023-2024.
3 BoS 06	To approve B.Com. Programme (General / Corporate Secretaryship / Accounting and Finance / Professional Accounting/Computer Applications) Course Contents update For II Semester under Regulations VTR UGAS-2021. (For Batch: 2023-2026 / Academic Year: 2023-2024).
3 BoS 07	To discuss and approve B.B.A. Programme Course Contents for the VI Semester under Regulations VTR UGAS-2021, (For Batch: 2021-2024 / Academic Year: 2023-2024).
3 BoS 08	To approve B.B.A. Programme Course Contents update for IV Semester under Regulations VTR UGAS-2021. (For Batch: 2022-2025 / Academic Year: 2023-2024
3 BoS 09	To approve B.B.A Programme Course Contents update For II Semester under Regulations VTR UGAS-2021. (For Batch: 2023-2026 / Academic Year: 2023-2024).
3 BoS 10	To discuss and approve for the Introduction of One Credit Courses for All Programmes of this Institution from the Academic Year: 2023-2024.
3 BoS 11	To discuss and approve for the introduction of Life skills for the Semester II and IV .
	Items for Reporting and Recording
3 BoS 14	Programme conducted / Faculty and Students achievements.
3 BoS 15	Any other items.
3 BoS 16	Vote of Thanks.



B.Com Summary Note

The 3rd Board of Studies of the Department was held on 1st December 2023 for the B.Com. Programme for the winter semester of the Academic Year 2023 – 2024 were presented. The following items were discussed by the members and the BoS recommended to the ACM.

- The Academic Expert Dr. J.Arul Suresh from Loyola suggested including Case Studies in the courses Fintech and Artificial Intelligence. Also suggested in the Course Financial Reporting, to add Accounting for taxation (IAS 12) in unit-V. In the Forensic Accounting and Fraud Investigation Course, the experts recommend adding Fraud Risk Assessment and Symptoms of Fraud in unit-IV.
- The Industrial Expert suggested in the Cyber Security Course, to include Preventive measures with the incorporation to Offences and Penalties under the IT Act, 2000 in unit- III.
- Members of the board appreciated for inclusion of Life Skill Courses for the students admitted in 2022-25 and 2023-26 batches.

All the suggestions and recommendations given by the External Members are appropriately incorporated and same is recorded in the BoS minutes. The course contents and syllabi of II Semester for the batch 2023-26, IV Semester for the batch 2022-25 and VI semester for the batch 2021 – 2024 under Regulations VTR UGAS-2021 were presented and approved by the BoS members. The meeting ended with vote of thanks by the Chairman.

B.B.A. – Summary Note

The 3rd Board of Studies of the Department was held on 1st December, 2023 for the B.B.A. Programme for the winter semester of Academic Year 2023 – 2024 was presented. The following items were discussed by the members, and the BoS recommended to the ACM.

- In the Semester – VI, the newly introduced Core course is International Business Management; Elective courses are Security Analysis and Portfolio Management, Merchant Banking and Financial Services and Strategic Financial Management.
- In the semester – IV, Human Resource, Finance, Marketing and System electives will be offered with 1:3 ratios.
- For the first time new elective courses are introduced with various specializations in the semester – IV are listed.
 - Finance Elective Courses are, Management Accounting, Financial Reporting and Analysis and Merger and Acquisitions.
 - Marketing Elective Courses are, Customer Relationship Management, Digital Marketing and Retail Management.
 - Human Resource Elective Courses are, Talent Management, Performance Management and Industrial Relations and Labour Welfare.
 - System Elective courses are E-Business Management, Data mining for Business Intelligence and Software Project Management and Quality.
- The academic and industry experts were appreciated the course contents presented especially in the Digital Marketing course.
- In the Semester – II, minor updates were carried in the foundation courses such as Unit – 2 and Unit – 4 of Tamil – II course and Unit – 2 and Unit – 4 of English – II course.
- Experts recommended having only two textbooks in all the courses.

The course contents and syllabi of II semester for the batch 2023-2026, IV semester for the batch 2022-2025 and VI semester for the batch 2021-2024 under regulations VTR UGAS-2021 were recommended by the BoS Members. The various aspects of Course conduct, internal assessments, Research activities, events organized in Department level and other aspects were reported to the Board of Studies.

Discussion :The Chairman - BoS presented the action taken report on the minutes of 2nd BoS meeting held on 29.05.2023. The course contents and syllabi of II semester for the batch 2023-2026, IV semester for the batch 2022-2025 and VI semester for the batch 2021-2024 under regulations VTR UGAS-2021 were recommended by the BoS Members Academic Expert Dr.J.Arul Suresh appreciated that our curriculum is up-to-date. He was happy with the increase in the admission of first year students. He suggested to invite more visiting faculty members by organizing Guest Lecture / Workshops on trending topics like Artificial Intelligence, Block Chain Technology and Disaster Management.

Action Taken: The proposed suggestions by BoS members were incorporated.

The Chairman – BoS thanked the external and internal members of Board of Studies for their presence and valuable comments before concluding the meeting. Dr. Chandramowleeswaran conveyed the vote of thanks.



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 SCIENCES AND HUMANITIES

DEPARTMENT OF ENGLISH

4th BOARD OF STUDIES MEETING

Held on

27.12.2024

Academic Year 2023-2024



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 SCIENCES AND HUMANITIES

DEPARTMENT OF ENGLISH

4th BOARD OF STUDIES MEETING

Held on

27.12.2024

Academic Year 2023-2024

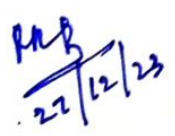
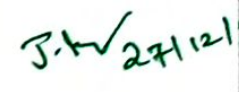



Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and
Technology

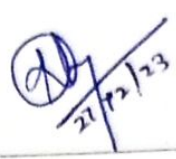


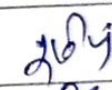

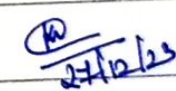
School of Sciences and Humanities

Department of English

4th Board of Studies Meeting on 27.12.2023

B.Tech. – Foundation Course – Professional Communication I

S.NO.	NAME	DESIGNATION	SIGNATURE
1	Dr. Bindu. M.R. Professor and Head, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Chairman, Board of Studies	 27/12/23
2	Dr. J. Mangayarkarasi Dean of Academic Affairs & Head, PG and Research Department of English, Ethiraj College for Women, Chennai	Academic Expert	 27/12/23
3	Mr. L. Dhanasekaran Senior Manager Exams Business Development British Council Education Private Limited New Delhi	Industry Expert	 27/12
4	Dr. Udhaya Kumar. R Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	 27/12/2023
5	Dr. Prakash A Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	

6	Dr. P. Revathi Assistant Professor, Department of English, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	 21/12/23
7	Dr. Murugavel. S Assistant Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	
8	Dr. M. Vinoth Kumar Assistant Professor, Department of English Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Member	
Alumni			
1	Mr. Tamilarasan P IBS Solutions	Alumni - UG	
2	Ms. Bethni Jahnavi Cognizant	Alumni - UG	
3	Ms. R. Keerthana	Alumni - PG	



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 SCIENCES AND HUMANITIES
DEPARTMENT OF ENGLISH
B.TECH. FOUNDATION COURSE
PROFESSIONAL COMMUNICATION - I
(10210EN201)

Minutes of the 4th Board of Studies meeting held on 27th Dec 2023

The 4th Board of Studies – B.Tech. Foundation Course – Professional Communication I (10210EN201) was held in the Language Lab (9103), Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai from 11.00 a.m. to 12.30 p.m. and the following members were present during the meeting:

Chairman:

Dr Bindu. M.R, 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 P. Revathi, Assistant Professor, Department of English, VTU, Chennai.
4. Dr Murugavel. S, Assistant Professor, Department of English, VTU, Chennai.
5. Dr M. Vinoth Kumar, Assistant Professor, Department of English, VTU, Chennai.

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. Chrispin Antonieta Dhivya, Assistant Professor, Department of English, VTU, Chennai.
10. Ms. M.C. Priyadharshini, Assistant Professor, Department of English, VTU, Chennai.
11. Ms. Subha Balamurugan, Assistant Professor, Department of English, VTU, Chennai.

The Agenda of the 4th BoS

The following is the agenda of the 4th BoS – B.Tech. Foundation Course – Professional Communication (10210EN201):

S. NO.	AGENDA NO.	AGENDA
1	04BoS-01	Welcome Address by the Chairman of the Board of Studies
2	04BoS-02	Discussion on the Courses offered – B.Tech. – Professional Communication I (10210EN201) & Professional Communication II (10210EN202)
3	04BoS-03	Discussion on the existing syllabus – Professional Communication I (10210EN201)
4	04BoS-04	Discussion on the increasing number of contact hours
5	04BoS-05	Discussion on the changes made in the existing syllabus
6	04BoS-06	Discussion on the proposed evaluation pattern
7	04BoS-07	Others
8	04BoS-08	Vote of Thanks

Agenda 04BoS – 01: Welcome Address by the Chairperson of the Board of Studies

Dr. Bindu M.R., 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 4th B.Tech. Foundation Course – Professional Communication I (10210EN201) Board of Studies Meeting.

Discussion: The Chairman conveyed the academic success of the Professional Communication I (10210EN201) 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 04BoS– 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 Freshman 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 04BoS– 03: Discussion on the existing syllabus – Professional Communication I (10210EN201)

Discussion: The existing syllabus of Professional Communication I (10210EN201) was discussed in detail in order to give clarity on how the paper helps in catering to the needs of the Freshman Engineering students in terms of Language and Communication. The components of each unit, the course outcomes and their 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 paper offered and its syllabus.

Agenda 04BoS – 04: Discussion on the Increasing of contact hours

Discussion: The necessity for increasing the contact hours from 45 hours per semester to 60 hours per semester was brought to the notice of the external experts. It was also brought to their knowledge that the external audit members, last year also suggested the increasing of the contact hours to make the classroom teaching more effective.

EXISTING	
Unit I	9
Unit II	9
Unit III	9
Unit IV	9
Unit V	9
Total	45

PROPOSED	
Unit I	12
Unit II	12
Unit III	12
Unit IV	12
Unit V	12
Total	60

Action: The proposal for increasing the contact hours from 45 hours per semester to 60 hours per semester was accepted and approved by the external members of the committee. The external experts also suggested to increase the credits of the paper from the 2 credits (existing) to 3 credits, as we are increasing the number of contact hours, which the internal members found to be valid.

Agenda 04BoS – 05: Discussion on the changes made in the existing syllabus

Discussion: To obtain approval, the academic experts (external members) were provided with a complete explanation of the existing syllabus of the B.Tech. – Foundation Course – Professional Communication I (10210EN201), which was paralleled with the syllabus containing the proposed modifications.

10210EN201-Professional Communication I	
Syllabus	
Unit I	Topic
Grammar	Parts of Speech
Vocabulary	Word Formation (Prefix and Suffix)
Reading	Job swapping at work, The power of word of mouse: Article
Writing	Letter Writing-Permission Letter (Leave taking, Industrial visit)
Listening	Being a PA, Email address
Speaking	Self Introduction
Unit II	Topic
Grammar	Concord- Subject verb Agreement
Vocabulary	Compound Nouns
Reading	Hair-An article, Good Business ideas
Writing	Letter Writing-Business Letter (Calling for Quotations, Reply for Quotations, Placing Order, Complaint)
Listening	An Interview with a Business woman, Conversation over a telephone
Speaking	Dialogue
Unit III	Topic
Grammar	Tenses
Vocabulary	Technical Vocabulary
Reading	Problem with an equipment, Wajah: An Article
Writing	Transcoding and Transformation of Information (Bar chart/Pie chart/Flow chart)
Listening	Conversation with Colleagues, An interview about a production process
Speaking	Picture Interpretation
Unit IV	Topic
Grammar	Modal verbs
Vocabulary	General Vocabulary- Synonyms & Antonyms
Reading	Selling product, Workplace signs & notices
Writing	Precis Writing
Listening	Telephone Conversation, Advertisement
Speaking	Group Discussion
Unit V	Topic
Grammar	If conditionals
Vocabulary	Connectives/Conjunction/Coherence/Cohesion
Reading	Travel arrangements: Notices and Short Messages
Writing	Paragraph writing
Listening	Making and changing appointments, A Travel Anecdote
Speaking	Role play

10210EN201-Professional Communication I	
Syllabus	
Unit I	Topic
Grammar	Parts of Speech
Vocabulary	Word Formation (Prefix and Suffix)
Reading	Job swapping at work, The power of word of mouse: Article
Writing	
Listening	Introduction to Reading vs. Listening
Speaking	Self Introduction
Unit II	Topic
Grammar	Concord- Subject verb Agreement
Vocabulary	Compound Nouns
Reading	Hair-An article, Good Business ideas
Writing	
Listening	Strategy Learning
Speaking	Dialogue
Unit III	Topic
Grammar	Tenses
Vocabulary	Technical Vocabulary
Reading	Problem with an equipment, Wajah: An Article
Writing	
Listening	Listening to a conversation
Speaking	Picture Interpretation
Unit IV	Topic
Grammar	Modal verbs
Vocabulary	General Vocabulary- Synonyms & Antonyms
Reading	Selling product, Workplace signs & notices
Writing	Precis Writing
Listening	Listening to TED TALK
Speaking	Group Discussion
Unit V	Topic
Grammar	If conditionals
Vocabulary	Connectives/Conjunction/Coherence/Cohesion
Reading	Travel arrangements: Notices and Short Messages
Writing	
Listening	Listening to Animated Movie
Speaking	Role play

Action:

The members of the BoS approved the proposed modifications in the syllabi for the B.Tech. – Foundation Course – Professional Communication I (10210EN201) W.E.F. the Summer Semester of AY 2024-2025.

Agenda 04BoS – 06 Discussion on the proposed evaluation pattern:

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.

Existing	
Internal	
Speaking Assessment I & II – 20 marks	
Listening Assessment I & II – 20 marks	
Internal Calculation $20+20 = 40$ marks	
External	
Theory Examination – 60 marks	

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

Action: The External members approved the proposed evaluation pattern that was framed as per the institution's regulation.

Agenda 04BoS – 07: Others

Discussion 1: Dr. M. Vinoth Kumar proposed 2 guide papers to the Academic Expert to get 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	Diaspora Studies	The Members have gone through the syllabus and approved it. They suggested instructing the student to do an extensive study of research methodology pertaining to the area of study.

2	Dalit Literature	The Members have gone through the syllabus and approved it. They suggested instructing the student to do an extensive study of research methodology pertaining to the area of study.
3	CO/PO Mapping and Result Analysis.	10210EN202 Professional Communication -II Above 97% Co/Po target attained.
4	Number of Graduands	M.A. - 11 Ph. D. - 01

Action:

The Academic experts carefully examined the syllabus and found the syllabus to be prompt and sufficing. One of the external members pointed out that while the research scholar is doing these course work papers, they should be instructed to do an extensive study on the research methodology pertaining to their research area in order to use the coursework papers as an aid to keep their research work a lucid one. The board accepted to carry that out. Discussed about CO/ PO and Results with board members and they appreciated our faculty achievement

Dr A. Rajeswari, a faculty member from the department, gave the vote of thanks and the meeting came to an end.

Date: 27.12.2023



Dr. M. Sivakumar
Dean - Freshman Engineering

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Est. 1973 of UGC Act, 1956


27/12/23
Chairman - BoS

Dr. M. R. Bindu
Head of the Department
English

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Est. 1973 of UGC Act, 1956



Prof. S. Salivahanan
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Est. 1973 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)

SCHOOL OF SCIENCES AND HUMANITIES
DEPARTMENT OF MATHEMATICS

Academic Year 2023-24
SIXTH BOARD OF STUDIES
Minutes of the Meeting
on
04.01.2024



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 SCIENCES AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Sixth Board of Studies Meeting

(04-01-2024)

Sl. No.	CONTENTS	Page No
1.	Members of the Board of Studies	3-4
2.	BOS - Attendance	5-6
3.	BOS - Agenda	8
4.	Program Elective (Specialized Courses)	9
5.	Foundation Courses	9
6.	Value Added Course	10
7.	Curriculum and Syllabus	11-27



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 SCIENCES AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Sixth Board of Studies Meeting

(04-01-2024)

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

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



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 Sciences and Humanities

Department of Mathematics

Minutes of the Sixth Board of Studies meeting held on 4th January 2024

The Sixth 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
06BoS-01	Presentation by Chairman - Board of Studies.
06BoS-02	Courses for discussion and approval:
	Programme Elective (Specialized Course)
	<ol style="list-style-type: none"> 1. Abstract Control Theory. 2. Fractional Differential Equations. 3. An Introduction to BCI – Algebra.
06BoS-03	Courses for discussion and approval:
	Foundation Course
	<ol style="list-style-type: none"> 1. Calculus and Differential Equations. 2. Calculus and Complex variables.
06BoS-04	Course for discussion and approval:
	Value Added Course
	<ol style="list-style-type: none"> 1. Yogasanas for Memory and Health Improvisation.
06BoS-05	Any other items.

06BoS–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.

06BoS–02: Courses for discussion:

Programme Elective (Specialized Courses) (4 credit)

- 1) Abstract Control Theory.
- 2) Fractional Differential Equations.
- 3) An Introduction to BCI – Algebra.

Members discussed the specialized courses to be offered for the research scholars as a course work. Members approved the above courses with the following minor changes.

- (i) No changes in the course ‘Abstract Control Theory’.
- (ii) In the course Fractional Differential Equations members suggested to change the title of the Units III, IV and V. That is Linear Differential Equations, Non-Linear Differential Equations, Fractional Boundary Value Problems via Critical Point Theory as **Linear Fractional Differential Equations, Non- Linear Fractional Differential Equations, Fractional Boundary Value Problems** respectively.
- (iii) Members recommended to change the title of the course, An Introduction to BCI – Algebra as **BCI algebra**.

06BoS–03: Courses for discussion:

Foundation courses (3 credit)

As majority of students in Bio Medical department are from non-mathematics background, HOD Bio Medical repeatedly requesting to update the current foundation courses offered in

the first year for their students. Chairman BoS expressed the difficulty faced by the students in learning the current foundation. As a remedy two new foundation courses in Mathematics were introduced for Bio Medical students. They are (i) Calculus and Differential Equations and (ii) Calculus and complex Variables. These two courses will lay foundation to understand the higher engineering maths courses offered in the third and fourth semesters.

- (i) No changes in the course Calculus and Differential Equations. This course is already offered as a foundation course for the Bio Tech students in the first semester.
- (ii) In the course Calculus and Complex Variables, members suggested that the text book as Grewal B.S., Higher Engineering Mathematics, Khanna Publishers, New Delhi, latest edition, instead of Kreyszig E, Advanced Engineering Mathematics, 12th edition, Wiley, 2010.

Members approved the changes in the foundation course and moved onto the next agenda.

06BoS-04: Courses for discussion:

Valued Added Course (Non Credit course)

- (i) Yogasanas for Memory and Health Improvisation.

Committee members approved the syllabus of the value added course and moved onto the next agenda.

06BoS-05: Other items

Date: 04-01-2024

Chairman –BOS



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

5th BOARD OF STUDIES MEETING

For

Academic Year 2023-24

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

on

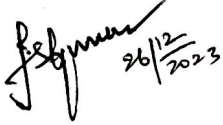


26.12.2023



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

School of Science and Humanities
Department of Physics
Physics -5th Board of Studies Meeting
(26th December 2023)

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.	 26/12/2023
External Academic Expert		
2	Dr. R. Mohan Kumar, Associate Professor, Department of Physics, Presidency College, Chennai 600 005.	 26/12/23
External Research Expert		
3	Dr. M. Arivanandhan, Professor, Centre for Nanoscience and Technology, Anna University, Chennai 600 025.	 26/12/23

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.	<i>S. Mani Naidu</i> 26/12/2023
5	Dr. R. Gowri Shankar Rao, 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.	<i>R. Gowri Shankar Rao</i> 26/12/23
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.	<i>J. Gajendiran</i> 26/12/23
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.	<i>Parthasaradhi Reddy</i> 26/12/23
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.	<i>Pradeep</i> 26/12/23
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.	<i>Absent</i>



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 5th Board of Studies Meeting held on 26th December 2023

The 5th 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.

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

Agenda No.	Particulars
05 BoS - 01	Welcoming the Board of Studies (BoS) members by the BoS Chairman.
05 BoS - 02	Presentation by the Chairman, BoS.
05 BoS - 03	Discussion on the Syllabi refinement/revision for the Freshman Engineering (FME) courses under VTR UGE - 2021 regulation and Value-Added course for the M.Sc. Physics program under VTR PGAS - 2023 regulation for ratification and approval.
05 BoS - 04	Ratification and Approval of new (i) NPTEL course for the M.Sc. Physics program under PMAS - R19 and VTR PGAS - 2023 regulations. Course Name: Scientific Computing using MATLAB (offered by IIT Delhi). (ii) Specialization course for the Ph.D. program. Course Name: Computational Materials Science.
05 BoS - 05	Recommendation of a 30 hours Value-Added course for FME students of School of Electrical and Communication (<i>SoEC</i>) branch.
05 BoS - 06	Any other items.

Agenda 05 BoS - 01: Welcome Address by the Chairman, BoS.

The Chairman, BoS welcomed the BoS members for the 5th BoS meeting.

Agenda 05 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 05 BoS - 03: Discussion on the Syllabi revision for the FME courses (i) Semiconductor Physics, (ii) Physics of Materials, and (iii) Applied Physics under VTR UGE – 2021 regulation and Value-added course named Universal Human Values for the M.Sc. Physics program under VTR PGAS - 2023.

Proposed Refinement/revision in the FME & M. Sc. Physics courses

S. No.	Course Name	Proposal
1	<p>Semiconductor Physics (10210PH101)</p> <p><i>(For all the School of Computing branches in B.Tech. under VTR UGE - 2021 regulation)</i></p>	<p>Unit 3: Radiative recombination (<i>Schockely-Read-Hall, and Auguer</i>) processes topic is proposed for removal.</p> <p>Unit 4: The “Band gap by” is proposed for removal.</p>
2	<p>Physics of Materials (10210PH102)</p> <p><i>(For all the School of Electrical and School of Mechanical & Construction branches in B.Tech. under VTR UGE - 2021 regulation)</i></p>	<p>Unit 1: Introduction to Pervoskite crystals and materials, its applications topics are proposed for inclusion.</p> <p>Unit 3: Generators topic is proposed for removal.</p> <p>Unit 5: Any Thermal measurement technique is proposed for inclusion.</p>
3	<p>Applied Physics (10210PH103)</p> <p><i>(For all the School of Electrical and School of Mechanical & Construction branches in B.Tech. under VTR UGE - 2021 regulation)</i></p>	<p>Unit 1: Interference, its types, and condition for interference, application of Interference and diffraction topics are proposed for inclusion.</p> <p>Unit 2: Introduction to Lasers, applications on Fiber optic communication system topics are proposed for inclusion & Fiber Optic Sensors topic is proposed for removal.</p> <p>Unit 3: Torsional Pendulum, Viscosity, and Comparison of Viscosities topics are proposed for removal.</p> <p>Unit 4: Time dependent and independent wave equations topics</p>

		are proposed for inclusion. Unit 5: Acoustic quieting and its methods, acoustic grating, velocity of ultrasonic waves in liquid topics are proposed for removal.
4	Universal Human Values (For M.Sc. Physics program under VTR PGAS - 2023 regulation)	It's a Value-Added course with zero credit. Its lecture hour can be increased from 1 to 2 hours per week. An internal assessment by the course handling faculty member is sufficient for the engagement of the course.

Discussion:

The members of the BoS ratified and approved the revised syllabi for the proposed courses.

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	Semiconductor Physics (10210PH101) (For all the School of Computing branches in B.Tech. under VTR UGE - 2021 regulation)	Unit 1: "Density of States", "Occupation probability" topics are recommended for removal and the "Fermi-Dirac distribution" concept is recommended for inclusion. Unit 2: The words (<i>Schockely-Read-Hall, and Auguer</i>) has to be added next to the word "recombination". "Charge carriers" concept is recommended for inclusion. Unit 3: "Radiative recombination (<i>Schockely-Read-Hall, and Auguer</i>) processes" topic is recommended for removal. Unit 4: The letter 'h' in hall mobility should be replaced to a capital letter (H). The "Band gap

		<p>by” is recommended for removal. “UV-Vis spectroscopy” can be renamed as “UV-Vis-NIR spectroscopy”.</p> <p>Unit 5: Fabrication, working, applications to be included before “Single-electron based transistors”.</p>
2	<p>Physics of Materials (10210PH102)</p> <p><i>(For all the School of Electrical and School of Mechanical & Construction branches in B.Tech. under VTR UGE - 2021 regulation)</i></p>	<p>Unit 2: “Fermi level” concept is recommended for inclusion.</p> <p>Unit 3: “Generators” topic is recommended for removal. “Spintronics” concept can be included. “Types of polarization” can be included.</p> <p>Unit 4: “Photo/thermochromic materials” can be removed.</p> <p>Instead of “Green energy materials”, renewable energy materials can be replaced.</p> <p>Unit 5: “Spectroscopy” topic can be removed. “Raman measurements” can be renamed as “Raman Spectroscopy”. “Visible Spectroscopy” can be renamed as “Visible-NIR Spectroscopy”. The word “and” can be removed between “Ultraviolet” and “Visible-NIR Spectroscopy”. The concept titled, “Thermal properties measurements” can be renamed as “Thermal properties”. DSC-TG-DTA technique can be concise to DTA.</p>
3	<p>Applied Physics (10210PH103)</p> <p><i>(For all the School of Electrical and School of Mechanical & Construction branches in B.Tech. under VTR UGE - 2021 regulation)</i></p>	<p>Unit 1: Interference, its types, and condition for interference, application of Interference and diffraction topics are recommended for inclusion.</p> <p>Unit 2: Introduction to Lasers, applications on Fiber optic communication system topics are recommended for inclusion & “Fiber Optic Sensors” topic is recommended</p>

		<p>for removal.</p> <p>Unit 3: Stress-Strain Diagram should come before Hooke's law.</p> <p>Torsional Pendulum, Viscosity, and Comparison of Viscosities topics are recommended for removal.</p> <p>Unit 4: Time dependent and independent wave equations topics are recommended for inclusion.</p> <p>Unit 5: Acoustic quieting and its methods, acoustic grating, velocity of ultrasonic waves in liquid topics are recommended for removal.</p>
4	<p>Universal Human Values (value-added course)</p> <p><i>(For M.Sc. Physics program under VTR PGAS - 2023 regulation)</i></p>	<p>The course can be named simply as "Human Values" (<i>subjected to the approval of concerned board / officials</i>).</p> <p>The proposed lecture hour (<i>2 hours per week</i>) is recommended.</p>

Action:

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

Agenda 05 BoS - 04: Ratification and Approval of new

(i) NPTEL course for the M.Sc. Physics program under PMAS – R19 and VTR PGAS – 2023 regulations.

Course Name: Scientific Computing using MATLAB (offered by IIT Delhi).

(ii) Specialization course for the Ph.D. program.

Course Name: Computational Materials Science.

Discussion:

The BoS members have ratified and approved the proposed courses.

Action:

The members moved on to the next agenda.

Agenda 05 BoS - 05: Recommendation of a 30 hours Value-Added course for FME students of School of Electrical and Communication (SoEC) branch.


Discussion:

The BoS members was informed the necessity of offering the said course for the said branch students and recommended few course names relevant to our requirement. The members have found the course titled, **“Waste to Energy”** relevant to offer as a value-added course for SoEC students. The members have also advised to make the course contents as simple and informative for the ease understanding and creating interest among the students.

Action:

The members moved on to the next agenda.

Agenda 05 BoS - 06: 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
(Deemed to be University Est. u/s 3 of UGC Act, 1956)



Dr. M. Sivakumar
Dean - Freshman Engineering

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



Prof. S. Salivahanan
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Est. 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)

**SCHOOL OF SCIENCES &
HUMANITIES**

DEPARTMENT OF CHEMISTRY

**ACADEMIC YEAR 2023-24
SIXTH BOARD OF STUDIES**

**MINUTES OF MEETING
ON
05.01.2024**



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 SCIENCES & HUMANITIES
DEPARTMENT OF CHEMISTRY
SIXTH BOARD OF STUDIES MEETING
(05.01.2024)**

S. No	Contents	Page No
1	Members of the Board of studies	1
2	BOS-Attendance	3
3	BOS-Agenda	5
4	B.Tech. Chemistry Courses	6
5	M.Sc. Chemistry Courses	7
6	Ph.D Course work Courses	9
7	Value Added Courses	9



Vel Tech

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

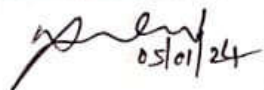
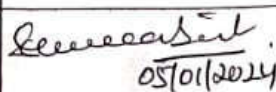

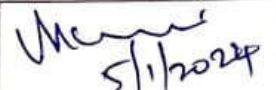
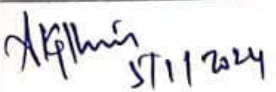
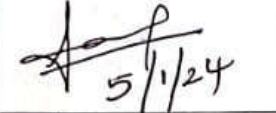



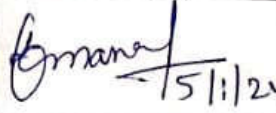
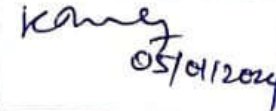
SCHOOL OF SCIENCES & HUMANITIES
DEPARTMENT OF CHEMISTRY
SIXTH BOARD OF STUDIES
(05.01.2024)

MEMBERS OF THE BOARD OF STUDIES

S. No	Name, Designation and Organization
Chairman	
1	Dr. C. Hazarathaiah Yadav Professor & Head, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India
External Members	
2	Dr. Prakash Muthudoss Director & Chief Scientific Officer, IIT Madras Research park, Chennai-600113. Tamilnadu, India.
3	Dr. K.Venkateswarlu Associate Professor, Department of Chemistry, Yogi Vemana University, Kadapa-516001, Andhra Pradesh, India.
Internal Members	
4	Dr. A. Kanni Raj, Professor of chemistry, Department of chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India.
5	Dr. A. Kathiravan, Professor of Chemistry, Department of chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India.
6	Dr. N. Haridharan, Associate Professor of Chemistry, Department of chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India.

7	Dr. M. Nagoor Meeran, Associate Professor of Chemistry, Department of chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India.
8	Dr. N. Edayadulla, Associate Professor of Chemistry, Department of chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India.
9	Dr. L. Sivarama Krishna, Associate Professor of Chemistry, Department of chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India.
10	Dr. L. Venkataramana, Associate Professor of Chemistry, Department of chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India.
11	Dr. K. Thirunavukkarasu, Assistant Professor of Chemistry, Department of chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu, India.

BOS ATTENDANCE

S. No	Name	Designation	Signature
1	Dr. C. Hazarathaiyah 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.	 05/01/24
2	Dr. K. Venkateswarlu (External Expert)	Associate Professor, Department of Chemistry, Yogi Vemana University, Kadapa-516001, Andhra Pradesh.	 05/01/2024
3	Dr. Prakash Muthudoss (External Expert)	Chief Scientific Officer, A2Z 4.0 Research & Analytics Pvt Ltd, Consortium Member for Clean Water, II Floor, IIT Madras Research park, Chennai-600113.	 05/01/2024
4	Dr. A. Kanniraj (Member)	Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	 5/1/2024
5	Dr. A. Kathiravan (Member)	Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	 5/1/2024
6	Dr. N. Haridharan (Member)	Associate Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	 5/1/24
7	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.	 05/01/2024
8	Dr. N. Edayadulla (Member)	Associate Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	 5/1/2024
9	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.	 5/1/24
10	Dr. L. Venkataramana (Member)	Associate Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	 5/1/24
11	Dr. K. Thirunavukkarasu (Member)	Assistant Professor, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi - 600062, Chennai. Tamilnadu.	 05/01/2024



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 and Humanities

Department of Chemistry

Minutes of the 5th Board of Studies meeting held on 05th January 2024

The Board of Studies meeting of department of chemistry was held in Block 7, Engineering Hive, Room No.7002 between 10.30am and 4.00pm on 5th January 2024 and the following members were present during the meeting:

Chairman

Dr. C. Hazarathaiyah Yadav (BOS Chairman), Professor & Head, Department of Chemistry, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai- 600062. Tamil Nadu.

External Members

1. Dr. Prakash Muthudoss (External Industry Expert), Director & Chief Scientific Officer, A2Z 4.0 Research & Analytics Private Limited, Consortium Member for Clean Water, II Floor, IIT Madras Research park, Chennai-600113
2. Dr. K.Venkateswarlu (External Academic Expert), Associate Professor, Department of Chemistry, Yogi Vemana University, Kadapa-516001, Andhra Pradesh, India

Internal Members

1. Prof. Dr. A. Kanni Raj (Member), Professor of Chemistry, VTU
2. Dr. A. Kathiravan (Member), Professor of Chemistry, VTU
3. Dr. N. Haridharan (Member), Associate Professor of Chemistry, VTU
4. Dr. M. Nagoor Meeran (Member), Associate Professor of Chemistry, VTU
5. Dr. N. Edayadulla (Member), Associate Professor of Chemistry, VTU
6. Dr. L. Sivarama Krishna (Member), Associate Professor of Chemistry, VTU
7. Dr. L. Venkataramana (Member), Associate Professor of Chemistry, VTU
8. Dr. K. Thirunavukkarasu (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. S. Meenakshi, Assistant Professor of Chemistry, VTU
10. Dr. D. Divya, Assistant Professor of Chemistry, VTU



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 Chemistry

Minutes of the 5th Board of Studies meeting held on 05th January 2024

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. Open Electives

- (i) Polymer Technology
- (ii) Renewable Energy Storage Devices for Modern Technology

3. Approval of M.Sc. Chemistry Syllabus

4. Approval of PG Open Elective

- (i) Surface Analytical Techniques
- (ii) Chemistry of Metals and Its Applications

5. Approval of Ph.D. Course Work Syllabus

6. Approval of Value added courses

- (i) The Environment and Society
- (ii) Sustainable Development

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.

Agenda 1 – B.Tech.Foundation Courses

Course Code	Course Title	Modifications Suggested by BoS Experts
10210CH105	Engineering Chemistry	<p><u>Unit I : Water Treatment and Technology</u> Proposed syllabus contents remains as such</p> <p><u>Unit II : Electrochemistry and Battery Technology</u> Dr.Venkateshwarlu suggested to add the derivation of the Nernst Equation.</p> <p><u>Unit III : Chemistry of Fuels and Combustion Process</u> Proposed syllabus contents remains as such</p> <p><u>Unit IV : Polymer Science and Nanotechnology</u> Reference are updated as per the suggestion of the external expert</p> <p><u>Unit V : Spectroscopy and Computational Chemistry</u> Dr.Prakash Muthudoss suggested to add DL to predict the physicochemical properties</p>
10210CH106	Biochemistry	<p><u>Unit I : Introduction to Biochemistry</u> Proposed syllabus contents remains as such</p> <p><u>Unit II: Chemistry of Biomolecules</u> Proposed syllabus contents remains as such</p> <p><u>Unit I : Metabolic Pathways</u> As per the suggestions given by Dr.A.Kanni Raj, contents namely Salvation pathways of glycolysis, Synthesis of nucleic acids are included</p> <p><u>Unit IV : Polymer Science and Nanotechnology</u> Microbial synthesis has been added as per the suggestion of Academic Expert Prof.Venkateshwarlu. Meanwhile, grafting approach has been removed as per the suggestion of Academic Expert Prof.Venkateshwarlu</p> <p><u>Unit V : Spectroscopy and Computational Chemistry</u> Proposed syllabus contents remains as such</p>

10210CH104	Environmental Science and Sustainability	Reference are updated as per the suggestion of the external expert
10210CH301	Engineering Chemistry Laboratory	Industry Expert Dr.Prakash Muthudoss suggested that “ <i>Open Ended Experiments</i> ” may be given to the students on ML and DL, if time permits.

Agenda 2 - B.Tech. Open Electives Courses

Course Code	Course Title	Modifications Suggested by BoS Experts
	Polymer Technology	Units I, II & V – As such Unit III – Extra added is “Polymer Membranes”. This suggestion was given by Dr.Venkateshwarlu. Unit IV – Extra word added “Properties of Polymers”. This suggestion was given by Dr.Venkateshwarlu.
	Renewable Energy Storage Devices For Modern Technology	No change

Agenda 3 – M.Sc. Chemistry Courses

Course Code	Course Title	Modifications Suggested by BoS Experts
60231CH101	Organic Chemistry – I	Unit I: Dr.Venkateshwarlu suggested a correction in sentence and corrected to “Sawhorse, Newman & Fischer Projections and Their Interconversions” Unit II: Dr.Prakash Muthudoss corrected the unit heading to “Configurational & Conformational Analyses”
60231CH102	Inorganic Chemistry – I	The proposed syllabus is accepted as such
60231CH103	Physical Chemistry-I	No change
60231CH104	Organic Chemistry – II	Unit II: Dr. Venkateshwarlu suggested to remove “E1, E2, E1cB spectrum”. Unit IV: Dr.Prakash Muthudoss suggested to change unit heading to “Molecular Rearrangements & Interaction Chemistry”
60231CH105	Inorganic Chemistry – II	Unit IV: Dr.Venkateshwarlu suggested to add “zerofield splitting, Kramer degeneracy, hyperfine, superfine splitting - in ESR”
60231CH106	Physical Chemistry-II	No change

60231CH107	Organic Chemistry – III	Unit IV: External Academic Expert Dr.Venkateshwarlu suggested to add “DIBAL-H” in addition to DIBAL.
60231CH108	Inorganic Chemistry – III	No change
60231CH109	Physical Chemistry-III	Unit III: Dr.Prakash Muthudoss suggested to change unit heading to “Applications of Group Theory to Spectroscopy” has been implemented.
60231CH301	Physical Chemistry laboratory	No change
60231CH302	Organic Chemistry laboratory	No change
60231CH303	Inorganic Chemistry laboratory	The proposed syllabus is accepted as such
60231CH304	Analytical Chemistry laboratory	No change
60232CH101	Macromolecular Chemistry	No change
60232CH102	Natural Product Chemistry	External experts Dr. Prakash Muthudoss and Dr.Venkateshwarlu suggested the Rearrangement of units and included the important topics. Unit1 Replace by Unit 4 and Biosynthesis of terpenoids are included. Unit 2 bio synthesis of cholesterol is included. Unit 3 shifted to unit 5; Unit 1 shifted to unit 3 In Unit 4, the new topic namely Anthocyanins & Polyphenols are introduced In Unit 5 the topics related to Vitamins are introduced.
60232CH105	Electro-analytical and Separation Techniques	No change
60232CH106	Organic Spectroscopy	The proposed syllabus is accepted as such
60232CH109	Nanoscience and Nanotechnology	No change
60232CH110	Photochemistry and Its applications	No change

Agenda 4 – PG - Open Elective Courses

Course Code	Course Title	Modifications Suggested by BoS Experts
	Surface Analytical Techniques	New text books are included in the reference as per the suggestions
	Chemistry of Metals and Its Applications	In all Units I-V, contents reduction by 50% was suggested by BOS members.

Agenda 5 – Ph.D. Course Work Courses

Course Title	Modifications Suggested by BoS Experts
Nanophotonics and Nanotechnology	The proposed syllabus is accepted as such
Photoscience and Its Applications	No change



Agenda 6 - Value added Courses

Course Title	Modifications Suggested by BoS Experts
The Environment and Society	The proposed syllabus is accepted as such
Sustainable Development	No change

Action Taken

The above mentioned changes are made and approved by all the members

Date: 05-01-2024


 Dr. M. Sivakumar
 Dean - Freshman Engineering

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


 Chairman - BOS 5/1/24
 Dr. Hazarathaiyah Yadav
 Head of the Department
 Chemistry


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


 Prof. S. Salivahanan
 Vice Chancellor


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



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

4th MEETING of BOARD of STUDIES

Minutes

for

M.Sc. Data Analytics Programme

[CBCS]

On

05.01.2024

Department of Computer Science

School of Computing



INDEX

S.No	Content	Page Number
1	Agenda	3
2	BoS Members	5
3	Confirmation of 3 rd BoS meeting minutes	7
4	Action Taken Report	7
5	Discussion and approval of curriculum structure and course content under Program core and Program Elective category for M.Sc. Data Analytics under VTR PGAS 2023 with effect from Winter 2023-2024.	7
6	Discussion and approval of the courses to be offered in Online MOOCs platforms under Open Elective and Independent Learning Category for M.Sc. Data Analytics programme during the academic year Winter, 2023-2024.	7
7	Discussion and approval of the Institute Elective course to be offered for M.Sc. Data Analytics programme during the academic year Winter, 2023-2024.	7
8	Ratification of Program Core courses offered in the M.Sc. Data Analytics programme during the academic year summer 2023-2024.	7
9	Any other Items	7
10	ANNEXURE-I – [Confirmation of 3 rd BoS meeting minutes]	10
11	ANNEXURE-II – [Action Taken Report]	11
12	ANNEXURE-III – [Approval of Program Core and Program Elective Structure and Course Content]	12
13	ANNEXURE-IV – [Approval of Online MOOCs platform courses under Open Elective and Independent Learning category]	72
14	ANNEXURE-V – [Approval of Institute Elective course and Course Content]	98
15	ANNEXURE-VI- [Ratification of Program Core courses offered in the M.Sc. Data Analytics programme]	104



4th MEETING of BOARD of STUDIES
For
M.Sc. Data Analytics Programme

Date & Time: 05.01.2024-2.30 PM
Venue:33023

Item No	Agenda																																										
A. Opening																																											
1	Confirmation of 3 rd BoS meeting minutes held on 5.06.2023 (Annexure-I).																																										
2	To review the Action Taken Report on the minutes of 3rd meeting of the Board of Studies. (Annexure-II).																																										
B. Items to be considered																																											
3	To discuss and approve the curriculum structure and 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 2023-2024 (Annexure-III).																																										
4.	To discuss and approve the courses to be offered in Online MOOCs platforms under Open Elective and Independent Learning category during the academic year Winter 2023-2024 for MSc. Data Analytics. (Annexure-IV). 1. Courses under Open Elective category under VTR PGAS 2023 regulation.																																										
	<table border="1"> <thead> <tr> <th>S.No.</th> <th>Course Code</th> <th>Course Name</th> <th>Course Provider</th> <th>Duration in weeks</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>60233CS401</td> <td>GPU Architectures and Programming</td> <td>NPTEL</td> <td>12</td> <td>3</td> </tr> <tr> <td>2.</td> <td>60233CS402</td> <td>BioInformatics: Algorithms and Applications</td> <td>NPTEL</td> <td>12</td> <td>3</td> </tr> <tr> <td>3.</td> <td>60233CS403</td> <td>Neural Science for Engineers</td> <td>NPTEL</td> <td>12</td> <td>3</td> </tr> <tr> <td>4.</td> <td>60233CS404</td> <td>Modern Computer Vision</td> <td>NPTEL</td> <td>12</td> <td>3</td> </tr> <tr> <td>5.</td> <td>60233CS405</td> <td>Network Analysis</td> <td>NPTEL</td> <td>12</td> <td>3</td> </tr> <tr> <td>6.</td> <td>60233CS406</td> <td>Optical Wireless Communications for Beyond 5G Networks and IoT</td> <td>NPTEL</td> <td>12</td> <td>3</td> </tr> </tbody> </table>	S.No.	Course Code	Course Name	Course Provider	Duration in weeks	Credits	1.	60233CS401	GPU Architectures and Programming	NPTEL	12	3	2.	60233CS402	BioInformatics: Algorithms and Applications	NPTEL	12	3	3.	60233CS403	Neural Science for Engineers	NPTEL	12	3	4.	60233CS404	Modern Computer Vision	NPTEL	12	3	5.	60233CS405	Network Analysis	NPTEL	12	3	6.	60233CS406	Optical Wireless Communications for Beyond 5G Networks and IoT	NPTEL	12	3
	S.No.	Course Code	Course Name	Course Provider	Duration in weeks	Credits																																					
	1.	60233CS401	GPU Architectures and Programming	NPTEL	12	3																																					
	2.	60233CS402	BioInformatics: Algorithms and Applications	NPTEL	12	3																																					
	3.	60233CS403	Neural Science for Engineers	NPTEL	12	3																																					
	4.	60233CS404	Modern Computer Vision	NPTEL	12	3																																					
	5.	60233CS405	Network Analysis	NPTEL	12	3																																					
6.	60233CS406	Optical Wireless Communications for Beyond 5G Networks and IoT	NPTEL	12	3																																						



2. Life Skills Course under Independent Learning Category under VTR PGAS 2023 regulation.							
S.No.	Course Code	Course Name	Course Provider	Duration in weeks	Credits		
1.	60234CS401	Business English: Basics	COURSERA	6	2		
3. Courses under Independent Learning Category under PMAS- R19 regulation							
S.No.	Course Code	Course Name	Course Provider	Duration in weeks	Credits		
1.	60194CS433	Reinforcement Learning	NPTEL	12	2		
2.	60194CS438	Social Networks	NPTEL	12	2		
3.	60194CS423	Introduction To Industry 4.0 And Industrial Internet Of Things	NPTEL	12	2		
4.	60194CS419	Privacy and Security in Online social media	NPTEL	12	2		
5.	60194CS442	Foundation of Cloud IoT Edge ML	NPTEL	8	1		
6.	60194CS443	Business Intelligence & Analysis	NPTEL	12	2		
7.	60194CS444	Information Security - 5 - Secure Systems Engineering	NPTEL	8	1		
5.	Discussion and approval of the Application Development and Maintenance course and course content to be offered under Institute Elective Category for M.Sc. Data Analytics programme during the academic year Winter, 2023-2024 under PMAS- R19 regulation.						
	S.No	Course Code	Course Name	L	T	P	C
	1	60193GE201	Application Development and Maintenance	3	0	2	4
6.	Ratification of Program Core courses offered in the M.Sc. Data Analytics programme under VTR PGAS 2023 regulation during the academic year summer 2023-2024.						
7.	Any other cognate item.						



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

4th MEETING of BOARD of STUDIES
For
M.Sc. Data Analytics Programme

Date & Time: 05.01.2024-2.30 PM
Venue:33023

Members Present:

Sl.No	Name and Designation	Nominee	Signature
1	Dr. V. Srinivasa Rao, Professor and Dean, SoC, Vel Tech	Chairperson	
2	Dr.V.Masilamani, Associate Professor & Head Department of Computer Science Engineering IIITDM Kancheepuram, Chennai, Tamil Nadu	Academic Expert Nominee	
3	Dr.Saravanan Krishnan, Associate Professor Department of Computer Science Engineering Anna University, Chennai, Tamil Nadu	Academic Expert Nominee	
4	Ms.T. K.Chandravadhana, Senior Technical Consultant and Atos Expert, Java Cloud Full Stack Engineer, Atos FSI, Chennai, Tamil Nadu	Industry Expert Nominee	
5	Dr. S.Dharbaneshwar, Senior Data Scientist, Entropik Technologies, SIDCO Industrial Estate, Chennai.	Industry Expert Nominee	
6	R.V.Chandrashekhar, Manager - Cyber Liaison Ford Motor Private Ltd, Chennai, Tamil Nadu	Alumni	
7	Dr.S.Saravanan, Associate Professor & Head, Department of CSE (Cyber Security), Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Associate Professor Nominee	



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

8	Dr.M.Kavitha, Professor, Department of CSE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Professor Nominee	
9	Dr.N.R.Rajalakshmi , Professor, Department of CSE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Professor Nominee	
10	Dr.S.Sridevi, Professor, Department of CSE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Professor Nominee	
11	Dr.M.S.Muralidhar, Associate Professor & Head Department of CSE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Associate Professor Nominee	
12	Dr.V.Dhilip kumar, Professor & Head Department of AI & DS Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Associate Professor Nominee	
13	Dr.R.Thangaselvi, Assistant Professor, Department of CSE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Assistant Professor Nominee	
14	Mrs.K.Prema, Assistant Professor, Department of CSE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Assistant Professor Nominee	

Invited Members

S. No	Name	Designation
1	Dr.J.Visumathi	Professor and Head, Department of IT, Vel Tech
2	Mrs.Kujani	Assistant Professor, CSE, Vel Tech



The Chair expressed his happiness in welcoming all the members for the 4th meeting of BOS and thanked them for sparing their valuable time.

04-BoS-01	Confirmation of 3 rd BoS meeting minutes held on 05.06.2023					
Action Taken:	The minutes of 3 rd BoS meeting minutes held on 05.06.2023 was circulated to members through e-mail, the members confirmed the minutes.[Annexure - I]					
04-BoS-02	To review the Action Taken Report on the minutes of the 3 rd meeting of the Board of Studies					
Action Taken	The members reviewed the action taken report on the decisions of 3 rd BoS meeting minutes held on 05.06.2023.[Annexure - II]					
04-BoS-03	To discuss and approve the curriculum structure and 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 2023-2024. [Annexure-III]					
Discussion	Members reviewed the courses under the Data Analytics bucket like Big data Analytics, Artificial Intelligence, Machine Learning, Data Science, Deep Learning, Data Visualization Courses. Chairman informed that Majority of the courses are integrated course.					
Resolution	Members approved curriculum structure and course content to be offered under Program Core and Program Elective. These courses will be offered with effect from Winter 2023-2024. Course structure and details are available in [Annexure - III]					
04-BoS-04	To discuss and approve the courses to be offered in Online MOOCs platforms under Open Elective and Independent Learning category during the academic year Winter 2023-2024 for MSc. Data Analytics. [Annexure-IV].					
	1. Courses under Open Elective category under VTR PGAS 2023 regulation.					
	S.No	Course Code	Course Name	Course Provider	Duration in weeks	Credits
	1.	60233CS401	GPU Architectures and Programming	NPTEL	12	3
	2.	60233CS402	BioInformatics: Algorithms and Applications	NPTEL	12	3
	3.	60233CS403	Neural Science for Engineers	NPTEL	12	3
	4.	60233CS404	Modern Computer Vision	NPTEL	12	3
	5.	60233CS405	Network Analysis	NPTEL	12	3
6.	60233CS406	Optical Wireless Communications for	NPTEL	12	3	



		Beyond 5G Networks and IoT			
<p>2. Life Skills Course under Independent Learning Category under VTR PGAS 2023 regulation.</p>					
S.No	Course Code	Course Name	Course Provider	Duration in weeks	Credits
2.	60234CS401	Business English: Basics	COURSERA	6	2
<p>3. Courses under Independent Learning Category under PMAS- R19 regulation</p>					
S.No	Course Code	Course Name	Course Provider	Duration in weeks	Credits
8.	60194CS433	Reinforcement Learning	NPTEL	12	2
9.	60194CS438	Social Networks	NPTEL	12	2
10.	60194CS423	Introduction To Industry 4.0 And Industrial Internet Of Things	NPTEL	12	2
11.	60194CS419	Privacy and Security in Online social media	NPTEL	12	2
12.	60194CS442	Foundation of Cloud IoT Edge ML	NPTEL	8	1
13.	60194CS443	Business Intelligence & Analysis	NPTEL	12	2
14.	60194CS444	Information Security - 5 - Secure Systems Engineering	NPTEL	8	1
Discussion	The members reviewed the above list of courses, course credits and course contents to be offered under Open Elective and Independent Learning Category for MSc. Data Analytics Program.				
Resolution	The members approved the Online MOOCs Platform courses and course contents to be offered during Winter semester 2023-2024 for MSc. Data Analytics Program.[Annexure-IV]				



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

04-BoS-05	To discuss and approve the Application Development and Maintenance course and course content to be offered under Institute Elective Category for M.Sc. Data Analytics programme during the academic year Winter, 2023-2024 under PMAS- R19 regulation.						
	S.No	Course Code	Course Name	L	T	P	C
	1	60193GE201	Application Development and Maintenance	3	0	2	4
Discussion	Members reviewed Application Development and Maintenance course under Institute Elective Category to be offered with effect from Winter, 2023-2024 under PMAS- R19 regulation.						
Resolution	Members approved the course which is to be offered from Winter 2023-2024 under PMAS-R19 regulation. Course details are available in [Annexure - V]						
04-BoS-06	Ratification of Program Core courses offered in the M.Sc. Data Analytics programmes under VTR PGAS 2023 regulation during the academic year summer 2023-2024. [Annexure-V]						
	S.No	Course Code	Course Name	L	T	P	C
	1	60231CS101	Statistics for Data Analytics	3	1	0	4
	2	60231CS102	Data Structures	3	1	0	4
	3	60231CS201	Python Programming	3	0	2	4
	4	60231CS103	Database Management Systems	3	1	0	4
	5	60231CS301	Database Management Systems Laboratory	0	0	2	1
	6	60231CS302	Data Structures Laboratory	0	0	2	1
	7	60231CS303	Principles of Programming Logic	0	0	2	1
8	60231CS203	Artificial Intelligence	3	0	2	4	
Discussion	The members reviewed the above list of Program Core courses and the course contents offered for M.Sc.Data Analytics in Summer(2023-2024).						
Resolution	Experts ratified Program core courses and course contents offered in the M.Sc. Data Analytics programme under VTR PGAS 2023 regulation during the academic year summer 2023-2024. [Annexure -VI].						
04-BoS-07	Any other Cognate Item						
Resolution	The next BoS meeting will be conducted in the month of May 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 MANAGEMENT

DEPARTMENT OF MANAGEMENT STUDIES

Minutes of Meeting of 27th Board of Studies

held on

11th December 2023, Monday by 09.30 a.m.

Venue: 2422



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 MANAGEMENT
BOARD OF STUDIES**

27th Board of Studies for School of Management held on 11.12.2023 at Hall No: 2422 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 27th Board of Studies meeting for review and approval of the course structure of M.B.A. for the I Semester of the Academic Year 2024–2025 and IV Semester of the Academic Year 2023-24. Proposed Regulation 24 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
27 BoS 01	Presentation about the New members.
27 BoS 02	To confirm the minutes of the meeting of the 26 th BoS held on 27.05.2023.
27 BoS 03	Action taken report on minutes of 26 th BoS meeting.
27 BoS 04	To record the leave of absence of members.
ITEMS FOR CONSIDERATION AND APPROVAL	
27 BoS 05	To discuss and approve New Regulation VTR PGM-2024.
27 BoS 06	To discuss and approve curriculum structure VTR PGM-2024.
27 BOS 07	To discuss and approve M.B.A. Programme contents for the IV Semester under Regulations VTR PGM-2021. (For Batch: 2022-2024 / Academic Year: 2023-2024).
27 BoS 08	To discuss and approve M.B.A. Programme contents for II Semester under Regulations VTR PGM-2021. (For Batch: 2023-2025 / Academic Year: 2023-2024).
27 BOS 09	Recommended MOOC courses under self-learning courses for the AY2023 – 24.
ITEMS FOR DISCUSSION AND RATIFICATION	
27 BoS 10	Approval of MOOC Courses completed under self-learning courses for the AY2023 – 24.
27 BoS 11	Approval of credit transfer for the course VTUSIM2023 - Fundamentals of Functional Analytics, studied at University Sains Islam (USIM) Malaysia, to Vel Tech University.
ITEMS FOR REPORTING AND RECORDING	
27 BoS 12	Admission activities proposed for the academic year 2024-25.
27 BoS 13	Result attainment and improvement strategy taken for academic year 2023-24.
27 BoS 14	Program conducted/ Faculty and Students achievements.
27 Bos 15	Department initiatives towards the NBA Accreditation process.

ITEMS FOR CONFIRMATION

27 BoS 01	:	Presentation about the New members.
Discussion	:	The Chairman - BoS briefed about the New External members of BoS. Also, he briefed about the agenda of the 27 th Board of Studies meeting.
Action	:	The members have noted and confirmed it.
27 BoS 02	:	To confirm the minutes of the meeting of the 26 th BoS held on 27.05.2023.
Discussion	:	The Chairman - BoS presented the action taken report on the minutes of the 26 th BoS meeting held on 27.05.2023.
Action	:	The members have noted and confirmed it.
27 BoS 03	:	Action taken report on minutes of 26 th BoS meeting.
Discussion	:	The Chairman - BoS presented the action taken report on the minutes of the 26 th BoS meeting held on 27.05.2023.

S.No.	Agenda No.	Points Discussed	Action Taken
1	26 BoS 01	A presentation about the department	The presentation was made by the Chairman - BoS, members noted.
2	26 BoS 02	Confirmation of the minutes of the meeting of the 25 th Board of Studies held on 13.08.2022.	Confirmed by the members of BoS
3	26 BoS 03	Action Taken Report on the minutes of the 25 th BoS meeting.	Reports were presented by the Chairman - BoS, members noted.
4	26 BoS 05	BoS members discussed the detailed syllabus of all the courses offered for the III semester under Regulations VTR PGM-2021. The members suggested incorporating a few concepts in International Business Management, Consumer Behaviour and Market Research, Brand Management, Performance Appraisal, and Management, Talent and Knowledge Management, Human resource management, and Logistics and Supply Chain Management. The Department has introduced new courses under Digital Marketing viz., Search Engine Optimization, Content Marketing, and Communication. They suggested removing Customer Relationship Management, Sales and Distribution Management, Integrated Marketing Communication, Digital Strategies and Planning, Online Reputation Management, and Search Engine Marketing. Under the Business Analytics elective, they	All the incorporated changes were highlighted to the BOS members. BOS members verified and accepted.

		stressed removing Database Management Systems and recommended introducing “Basics of Functional Analytics” as a general elective common for all specializations.	
5	26 BoS 06	M.B.A. Programme contents for I Semester under Regulations, VTR PGM-2021. The BoS members suggested including “Business Etiquette” instead of “Email Etiquette”. They also opined to remove all question-type course contents. The members also recommended including “Google Data Studio” and “Power BI” as one experiment under the Information Technology for Business course.	The changes recommended by experts would be incorporated into the syllabus
6	26 BoS 07	Detailed syllabus of all the courses offered for new specialization Technopreneurship and Sales and Marketing for M.B.A. Programme under new Regulations VTR PGM-2021. Technopreneurship Specialization: The BoS members suggested modification of two courses. Sales and Marketing Specialization The members suggested that many of the course contents were already discussed under the Digital Marketing specialization. Hence, they recommended to drop this elective. Also, Digital Marketing is trending and will have more scope in the future. Hence, the contents of traditional marketing subjects can be taught along with digital marketing elective papers instead of having them as separate electives	The proposed suggestions by BoS members were incorporated.
.7	26 BoS 08	The Academic Calendar for AY 2023-24 was presented.	BOS members approved the Academic Calendar for AY 2023-24.
8	26 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.	Members approved and recommended.
9	26 BoS 10	Dr.M.S.R.Mariyappan, Dean-School of Management proposed to conduct a one-week bridge course for the non-commerce and non-management stream students to create a basic understanding of accountancy, economics, and basics of management. .	Members appreciated the initiative and agreed to implement it.
Action		:	Members have gone through the actions, taken on the discussions, and are satisfied.

27 BoS 04		To record the leave of absence of members.																																																																																										
Discussion	:	All other members were present at the meeting.																																																																																										
Action	:	Members approved the follow-up action																																																																																										
ITEMS FOR CONSIDERATION AND APPROVAL																																																																																												
Followed by the opening note, Dr.K.Ravishankar initiated his presentation on the following agenda.																																																																																												
27 BoS 05	:	To discuss and approve New Regulation VTR PGM-2024.																																																																																										
Discussion		<p>Minimum Credits required to award M.B.A. Degree: 102 The Programme Structure and minimum credits required in course categories:</p> <ul style="list-style-type: none"> i. Programme Core : 45 credits ii. Programme Elective : 24 credits iii. Open Elective : 06 credits iv. Independent Learning : 12 credits <ul style="list-style-type: none"> 1. Summer Internship 2. Project Work 3. Publication of Research Paper v. Ability Enhancement Courses : 08 credits vi. Skill Enhancement Courses : 06 credits vii. Extension Activities : 01 credit <p style="text-align: right;">Total : 102 Credits</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SEM</th> <th><i>CORE COURSE</i></th> <th><i>ELECTIVE</i></th> <th><i>OPEN ELEC</i></th> <th><i>AEC</i></th> <th><i>SEC</i></th> <th><i>EA</i></th> <th><i>IL</i></th> <th>TOTAL CRE</th> </tr> </thead> <tbody> <tr> <td>SEM 1</td> <td>6</td> <td>0</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>0</td> <td>10</td> </tr> <tr> <td>CREDIT</td> <td>18</td> <td>0</td> <td>3</td> <td>2</td> <td>2</td> <td>1</td> <td>0</td> <td>26</td> </tr> <tr> <td>SEM 2</td> <td>7</td> <td>0</td> <td>1</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>10</td> </tr> <tr> <td>CREDIT</td> <td>21</td> <td>0</td> <td>3</td> <td>2</td> <td>2</td> <td>0</td> <td>0</td> <td>28</td> </tr> <tr> <td>SEM 3</td> <td>1</td> <td>6</td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>1</td> <td>10</td> </tr> <tr> <td>CREDIT</td> <td>3</td> <td>18</td> <td>0</td> <td>2</td> <td>2</td> <td>0</td> <td>4</td> <td>29</td> </tr> <tr> <td>SEM 4</td> <td>1</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>2</td> <td>6</td> </tr> <tr> <td>CREDIT</td> <td>3</td> <td>6</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>8</td> <td>19</td> </tr> <tr> <td></td> <td>45</td> <td>24</td> <td>6</td> <td>8</td> <td>6</td> <td>1</td> <td>12</td> <td>102</td> </tr> </tbody> </table>	SEM	<i>CORE COURSE</i>	<i>ELECTIVE</i>	<i>OPEN ELEC</i>	<i>AEC</i>	<i>SEC</i>	<i>EA</i>	<i>IL</i>	TOTAL CRE	SEM 1	6	0	1	1	1	1	0	10	CREDIT	18	0	3	2	2	1	0	26	SEM 2	7	0	1	1	1	0	0	10	CREDIT	21	0	3	2	2	0	0	28	SEM 3	1	6	0	1	1	0	1	10	CREDIT	3	18	0	2	2	0	4	29	SEM 4	1	2	0	1	0	0	2	6	CREDIT	3	6	0	2	0	0	8	19		45	24	6	8	6	1	12	102
SEM	<i>CORE COURSE</i>	<i>ELECTIVE</i>	<i>OPEN ELEC</i>	<i>AEC</i>	<i>SEC</i>	<i>EA</i>	<i>IL</i>	TOTAL CRE																																																																																				
SEM 1	6	0	1	1	1	1	0	10																																																																																				
CREDIT	18	0	3	2	2	1	0	26																																																																																				
SEM 2	7	0	1	1	1	0	0	10																																																																																				
CREDIT	21	0	3	2	2	0	0	28																																																																																				
SEM 3	1	6	0	1	1	0	1	10																																																																																				
CREDIT	3	18	0	2	2	0	4	29																																																																																				
SEM 4	1	2	0	1	0	0	2	6																																																																																				
CREDIT	3	6	0	2	0	0	8	19																																																																																				
	45	24	6	8	6	1	12	102																																																																																				
Action	:	BoS Members approved the above new regulations.																																																																																										
27 BoS 06	:	To discuss and approve curriculum structure VTR PGM-2024. (For Batch:2024-2026 / Academic Year: 2024-2025).																																																																																										
Discussion	:	M.B.A. – Programme Structure (CBCS) VTR PGM – 2024																																																																																										

I - Semester Course Details

S. No.	Course Code	Course Title	Type	L	T	P	C
1		Programme Core 1	PC				3
2		Programme Core 2	PC				3
3		Programme Core 3	PC				3
4		Programme Core 4	PC				3
5		Programme Core 5	PC				3
6		Programme Core 6	PC				3
7		Open Elective - I	OE				3
8		Ability Enhancement course - I	AEC				2
9		Skill Enhancement Course - I	SEC				2
10		Extension activity	EA				1
Total Credits							26

II - Semester Course Details

S. No.	Course Code	Course Title	Type	L	T	P	C
1.		Programme Core 1	PC				3
2.		Programme Core 2	PC				3
3.		Programme Core 3	PC				3
4.		Programme Core 4	PC				3
5.		Programme Core 5	PC				3
6.		Programme Core 6	PC				3
7.		Programme Core 7	PC				3
8.		Open Elective - II	OE				3
9.		Skill Enhancement Course - II	SEC				2
10.		Ability Enhancement course - II	AEC				2
Total Credits							28

III - Semester Course Details

S. No.	Course Code	Course Title	Type	L	T	P	C
1		Programme Core 1	PC				3
2		Programme Elective - I	PE				3
3		Programme Elective - II	PE				3
4		Programme Elective - III	PE				3
5		Programme Elective - IV	PE				3
6		Programme Elective - V	PE				3
7		Programme Elective - VI	PE				3
8		Summer Internship	IL				4
9		Ability Enhancement course - III	AEC				2
10		Skill Enhancement Course - III	SEC				2
Total Credits							29

IV - Semester Course Details

S. No.	Course Code	Course Title	Type	L	T	P	C
1		Programme Core – I	PC				3
2		Programme Elective – VII	PE				3
3		Programme Elective – VIII	PE				3
4		Project Work	IL				6
5		Publication of Research Paper	IL				2
6		Ability Enhancement course – IV	AEC				2
Total Credits							19

Overall Credits: 102

Any Open Elective/Ability Enhancement/Skill Enhancement course can be approved by the concerned committee nominated by the HoD/Dean

a. In the Open elective:

- 2 courses - 3 credits each, either shall be taken from NPTEL/Swayam/MOOC online platforms or offered by other Schools in the institution.
- Career-oriented courses: The course has to be approved by concerned authority before offering to the students and must be a career oriented one.

Sample courses such as the Consumer Protection Act, Designing Knowledge in Social Media, TQM, Project Management, etc.

b. In the Ability Enhancement Courses:

- Students will be given the choice to choose 1 course each semester from various options. Each course carries 2 credits.
- Students can also choose courses on online platforms viz., NPTEL/Swayam/MOOC platforms.

Sample Courses: Managerial Communication, Management Learning from Indian Philosophy, Ancient Indian ethos, Science of Happiness, Kautilya's Arthashastra, Negotiation skills based on Mahabharata, Environmental Studies, Design Thinking, Human Values, etc.

c. In the Skill Enhancement Courses: [Newly Introducing]

- Students will be given choices to choose 1 course in 1, 2 & 3 semesters from various options. Each course carries 2 credits.
- **Sample Courses:** IT for Managers, Data Analysis using SPSS, Business Excel, Research Paper Writing skills, Industry Analysis, Market Survey, etc.

d. Independent Learning:

- Project Work: The Alumni Mr. K. Ravikumar confirmed the duration of Project Work under the IV Semester which spans for 90 days. Surprise visits are also made to the companies to confirm the presence/progress of students in the organizations.
- Publication of Research Paper: This set of guidelines

	<p>for publication of research paper</p> <ul style="list-style-type: none"> • Research Paper Presentation and Publication in Conferences. • Students are required to present and publish at least one research paper at an international or national conference. • They must submit the presentation certificate as proof. • Publication in a Double-Blind Review-Journal: Alternatively, the students have the option to publish a research article in a reputed journal that follows a double-blind review process. This means that both the reviewers and the authors remain anonymous to each other to ensure fairness. • Faculty Mentor Approval: All conference presentations, journal publications, or any other form of scholarly dissemination must receive prior approval from a faculty mentor. This implies that the mentor will review the quality and relevance of the work before it is presented or published. <p>e. Extension Activity: The Academic Expert Dr. G. Muruganantham 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.</p>
Action	: BoS Members approved the above curriculum and the modifications suggested.
27 BoS 07	: To discuss and approve M.B.A. Programme contents for the IV Semester under Regulations VTR PGM-2021. (For Batch: 2022-2024 / Academic Year: 2023-2024).
Discussion	: <p>Digital Marketing Electives:</p> <ol style="list-style-type: none"> 1. The Academic Expert Dr. G. Muruganantham stated the serial numbers to be corrected under the 30212MG133 “Services Marketing” course. 2. The Expert suggested to provide equal weightage for Unit I and Unit II in the course 30212MG134 “Social Media Marketing”. <p>Finance Elective:</p> <ol style="list-style-type: none"> 1. Prof. Dr. Muruganandham suggested including Green Finance in any one of the courses. After discussions, members agreed to incorporate “Green Finance” in 30212MG137 “Fintech Banking Technology”. Members suggested including content like the definition of green finance, its purpose, factors, and the role of green finance. <p>Business Analytics Elective:</p> <ol style="list-style-type: none"> 1. The Academic Expert agreed to retain the name of the Elective as it is. 2. Under the 30212MG142 “Machine Learning and Artificial Intelligence” course, they suggested to include the publisher names in the references. <p>Logistics and Supply Chain Elective:</p> <ol style="list-style-type: none"> 1. Mr. Lokesh Kumar pointed out to modify the course name from 30212MG144 “Marine Insurance” to “Marine and Cargo Insurance”.

	<ol style="list-style-type: none"> 2. He suggested including marine law contents under the 30212MG144 “Marine Insurance” course. He suggested to include contents such as MARPOL, SOLAS, and arbitration. 3. Under the 30212MG145 “Chartering Practices” course, he suggested including INCOTERMS and types of vessels. 4. Under the 30212MG146 “EXIM and Custom Duties” course, he emphasized to add the following topics <ol style="list-style-type: none"> a) DG Cargo b) Air Cargo c) Containerization d) HSN Code 5. Remove the repetitive content in Unit 5 and add information on customs clearance agencies. They suggested to keep the title as “Clearance and Agencies”. <p>All other courses were accepted without any changes.</p>
--	---

**PROGRAMME CORE
IV SEMESTER**

Course Code	Course Name	L	T	P	C
30211MG116	BUSINESS STRATEGY	3	0	0	3

1. PREAMBLE

This course covers the coordination and integration of the efforts within the different functional areas of an organization for dealing with an uncertain future. This comprises of formulating a business strategy for each individual unit of the firm, formulating a corporate strategy, and implementing these strategies. Strategy formulation involves understanding where the business firm is in, determining how the firm is in, determining, how to position the strategic unit within this business environment, and developing the capabilities to compete, but also to cooperate in this environment.

2. PREREQUISITE

Managerial Economics, Financial Accounting and Quantitative Techniques.

3. LINKS TO OTHER COURSES

IBM and all functional electives.

4. COURSE EDUCATIONAL OBJECTIVES

Through this course the students will be able: -

1. To understand the basic concepts of business strategy, corporate governance and corporate social responsibility.
2. To assess the likely sustainability of firm strategies and competitive positions.
3. To identify the basic types of strategic alliances, recognize strategies to avoid and understand why they are dangerous. Construct corporate scenarios to evaluate strategic options.
4. To access and manage the corporate culture’s fit with a new strategy also understand the basic evaluation and control process.
5. To decide when to innovate internally and when to use alliances.

5. COURSE OUTCOMES

Upon successful completion of this course, students will be able to: -

CO Nos.	Course Outcomes	Level of Learning domain (Based on Revised Bloom's)
CO1	Explain the business strategy rudimentary and significance	K2
CO2	Analyze the framework of industries.	K4
CO3	Assess the various types of strategies and its importance.	K5
CO4	Identify the strategy for effective implementation	K3
CO5	Classify various strategic issues faced by the organizations in its operation.	K2

6. CORRELATION OF CO's WITH PO's

CO Nos.	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M						
CO2							M
CO3				H	M		M
CO4	M	M	M	H	M	M	
CO5		M	M	H		M	

H-High; M-Medium & L-Low

7. COURSE CONTENTS

UNIT I: INTRODUCTION TO BUSINESS STRATEGY

L-9

Meaning and nature of business strategy, its importance and relevance, characteristics of business strategy, the business strategy process - Relationship between a company's strategy and its business model - Strategy formulation - Developing Strategic vision and mission for a company - Setting Objectives - Strategic and Financial Objectives.

UNIT II: INDUSTRY ANALYSIS

L-9

Analyzing a company's external environment - The strategically relevant components of a company's external environment - Industry Analysis - Porter's dominant economic features - Competitive environment analysis - Porter's five force model - Industry driving forces - key success factors - Concept and implementation - Resource and capabilities durability of competitive advantage - Analysis of the company's present strategies - SWOT Analysis - Mc Kinsey's 7's Framework - Value chain Analysis - Benchmarking.

UNIT III: THE STRATEGIES

L-9

Generic Competitive Strategies - Low cost, Differentiation, Best cost, focused strategies - Strategic alliances, collaborative partnerships, mergers and acquisition, joint ventures strategies - Outsourcing Strategies - International Business level strategies - Environmental Threat and Opportunity Profile (ETOP) - Organizational Capability Profile (OCP)-Strategic Advantage Profile (SAP) - Corporate Portfolio Analysis (CPA).

UNIT - IV: STRATEGY IMPLEMENTATION, EVALUATION & CONTROL

L-9

The implementation process - Resource allocation - Designing organizational structure - Designing Strategic Control Systems - Matching structure and control to strategy - Strategy implementation: staffing and directing evaluation & control in strategic management.

UNIT V: STRATEGIC ISSUES

L-9

Strategic Marketing Issues - Strategic financial issues - Strategic Research & Development Issues - Strategic operational issues - Strategic HRM issues - Environmental Sustainability issues - Strategic issues in managing technology and innovation - Strategic issues for Non-Profit organizations - Strategic issues in entrepreneurial ventures & small businesses.

TOTAL: 45 PERIODS

8. TEXT BOOK

1. Charles W.L. Hill, Melissa. Schilling and Gareth R. Jones, "Strategic Management An Integrated Approach", Cengage Learning India Private Limited, 12th Edition, 2021.

9. REFERENCE BOOKS

1. John A. Pearce II, Richard B. Robinson, Amita Mital, "Strategic Management: Planning for Domestic and Global Competition", McGraw Hill Education, 14th Edition, 2018.
2. Srinivasan R., "Strategic Management: The Indian Context", Prentice Hall India Learning Private Limited, 6th Edition, 2016.
3. Jacob Thomas, "Strategic Management", Pearson Publication, 1st Edition, 2015.
4. Jeremy Kourdi, "Business Strategy: A Guide to Effective Decision-Making", The Economist Publisher, 2015 Edition.
5. Jeyarathnam M., "Strategic Management", Himalaya Publishing House, 5th Edition, 2014.
6. Prasad L.M., "Strategic Management", Sultan Chand & Sons Publisher, 7th Ed, 2018.

All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2024-25

Extension of Approval (EoA)

F.No. Southern/1-43665431786/2024/EOA

Date of Approval: 19-May-2024

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2024-25

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2024-25

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education), Powers delegated in AICTE ACT 1987, (No 52 of 1987) chapter II - u/s 2(g) to regulate Technical and subsequent Regulations of AICTE, I am directed to convey the approval to:

Permanent Id	1-3863975271	Application Id	1-43665431786
Name of the Institution	VEL TECH RANGARAJAN DR.SAGUNTHALA R AND D INSTITUTE OF SCIENCE AND TECHNOLOGY	Name of the Society/Trust	VEL TECH RANGARAJAN DR.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY
Institution Address	#42, AVADI -VEL TECH ROAD, AVADI, CHENNAI- 600062, TAMIL NADU., AVADI, THIRUVALLUR, Tamil Nadu, 600062	Society/Trust Address	#42, AVADI -VEL TECH ROAD, AVADI, CHENNAI- 600062, TAMIL NADU.,AVADI, THIRUVALLUR, Tamil Nadu,600062
Institution Type	Deemed to be University(Pvt)	Region	Southern
Year of Establishment	1996		

Opted for Introduction of New Program/Level	Yes	Introduction of Program/Level Approved or Not	Approved
---	-----	---	----------

To conduct following Programs/Courses with the Intake indicated below for the Academic Year 2024-25

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2023-24	Intake Approved for 2024-25	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AERONAUTICAL ENGINEERING	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	NOT APPLICABLE	60	60	Yes	Yes

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2023-24	Intake Approved for 2024-25	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	BIOMEDICAL ENGINEERING	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	BIOTECHNOLOGY	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	NOT APPLICABLE	60	30	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE & ENGINEERING	NOT APPLICABLE	1104	1320	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND DESIGN	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	NOT APPLICABLE	60	60	Yes	Yes

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2023-24	Intake Approved for 2024-25	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATION ENGINEERING	NOT APPLICABLE	480	480	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION TECHNOLOGY	NOT APPLICABLE	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	NOT APPLICABLE	60	60	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	AERONAUTICAL ENGINEERING (Unmanned Aerial Vehicles)	NOT APPLICABLE	18	12	No	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	STRUCTURAL ENGINEERING	NOT APPLICABLE	18	18	No	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	ENVIRONMENTAL ENGINEERING	NOT APPLICABLE	18	18	No	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	NOT APPLICABLE	18	12	No	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	BIG DATA ANALYTICS	NOT APPLICABLE	18	12	No	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	EMBEDDED SYSTEMS AND TECHNOLOGIES	NOT APPLICABLE	18	12	No	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION AND CYBER SECURITY	NOT APPLICABLE	18	12	No	Yes
POST GRADUATE	MANAGEMENT	MBA	NOT APPLICABLE	120	120	Yes	Yes

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2023-24	Intake Approved for 2024-25	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
POST GRADUATE	ENGINEERING AND TECHNOLOGY	POWER ELECTRONICS	NOT APPLICABLE	18	12	No	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	NOT APPLICABLE	18	18	No	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	INDUSTRIAL SAFETY AND ENGINEERING	NOT APPLICABLE	18	36	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	BIOTECHNOLOGY	NOT APPLICABLE	18	12	No	No

Approved New Course(s)

To conduct following Programs/Courses with the Intake indicated below for the Academic Year 2024-25

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2024-25	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	MANAGEMENT	BBA	NOT APPLICABLE	60	Yes	Yes

The approval of BBA/BCA/BMS courses is on " as is where is basis" Intake Approved for BBA/BCA/BMS Course is Subject to the approval of the Concern University.

Course(s) Applied for Closure by the Institution for the Academic Year 2024-25

Level	Program	Course	Affiliating Body (Univ/Body)	Course Closure Status	Intake Approved for 2024-25
POST GRADUATE	ENGINEERING AND TECHNOLOGY	NETWORK ENGINEERING	NOT APPLICABLE	Approved	0

All AICTE approved Institutions are empowered to nurture ecosystems for Skilling (through Vocational courses) via making effective use of

existing infrastructure facilities and human resources.

It is mandatory to comply with all the essential requirements as given in APH 2024-25 to 2027 (Chapter-VI)

Important Instructions

1. As per mandatory Disclosure of APH 2024-27(Annexure-18, page180) Institutions must disclose the following information submitted to Council at the Prominent location on its website.
 - i. Department wise availability of Infrastructure along with approved courses and intake approved by the Council.
 - ii. Faculty details: Department wise: Name& Designation of the faculty members/teaching staff along with their qualification, tenure of service in your organization, total experience, Institution should also disclose Student Faculty Ratio, Cadre Ratio.
 - iii. Additionally Audited Financial Statements for last 3 Financial years.
2. Reservation Policy of the Central Government (Including EWS) / Respective State Government/ UT as the case shall be applicable to all the Programmes. The concerned State Government/ UT Admission authority shall decide Modalities of Admission.
3. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2024-25 to 2027 for the Total Approved Intake.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the **Executive Council / General Council as available on the record of AICTE shall be final and binding.**
5. All AICTE institutions are highly encouraged to get NBA/NAAC accreditation. All eligible AICTE institutions are thoroughly encouraged to participate in NIRF ranking process.
6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.
7. AICTE Approved Institutes are encouraged to utilize SWAYAM PLUS Courses up-to 40%
8. Internship is mandatory for all admitted students.
9. AICTE Approved Institutes are encouraged to make efficient use of the flagship schemes like:
 - a. Parakh: Student Gap analysis portal bases services.
 - b. Students Scholarship schemes like Pragati, Saksham, Swanath, ADF, etc.
 - c. Course in Indian Languages.
 - d. ATAL FDPs: Faculty training for Emerging areas and cutting edge Technologies.
 - e. Augmenting Utilization of Research Assets (AURA).
 - f. Smart India Hackathon: World's largest Open Innovation Platform.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education**, Tamil Nadu**
2. **The Registrar**,**

Not Applicable

3. **The Principal / Director,**
VEL TECH RANGARAJAN DR.SAGUNTHALA R AND D INSTITUTE OF SCIENCE AND TECHNOLOGY
#42, Avadi -Vel Tech Road, Avadi, Chennai- 600062, Tamil Nadu.,
Avadi,Thiruvallur,
Tamil Nadu,600062
4. **The Secretary / Chairman,**
#42, AVADI -VEL TECH ROAD, AVADI, CHENNAI- 600062, TAMIL NADU.
AVADI,THIRUVALLUR
Tamil Nadu,600062
5. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, a consolidated list of Approved Institutions(bulk) may be downloaded from the respective login id's.

This is a computer generated Statement. No signature Required

All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2024-25

Extended Extension of Approval (EOA)

F.No. Southern/1-43665431786/2024/EOA

Date: 19-May-2024

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extended Extension of Approval for the Academic Year 2024-25 to 2026-27

Ref: a) Application of the Institution for Extension of Approval for the Academic Year 2024-25
b) Approval Process Handbook 2024-2025

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education), Powers delegated in AICTE ACT 1987, (No 52 of 1987) chapter II - u/s 2(g) to regulate Technical and subsequent Regulations of AICTE, I am directed to convey the approval to:

Permanent Id	1-3863975271	Application Id	1-43665431786
Name of the Institute	VEL TECH RANGARAJAN DR.SAGUNTHALA R AND D INSTITUTE OF SCIENCE AND TECHNOLOGY	Name of the Society/Trust	VEL TECH RANGARAJAN DR.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY
Institute Address	#42, AVADI -VEL TECH ROAD, AVADI, CHENNAI- 600062, TAMIL NADU., AVADI, THIRUVALLUR, Tamil Nadu, 600062	Society/Trust Address	#42, AVADI -VEL TECH ROAD, AVADI, CHENNAI- 600062, TAMIL NADU.,AVADI, THIRUVALLUR, Tamil Nadu,600062
Institute Type	Deemed to be University(Pvt)	Region	Southern
Year of Establishment	1996		

Extension of Approval Granted up to	2024-27 (3 Years)
--	-------------------

The period of approval to Institutions for the Courses and intake (as per EOA and corrigendum (if any) for the Academic Year 2024-2025) shall be for a period of 3 years. **The Institution is however, required to submit updated Institutional information including faculty and students on the AICTE web portal for downloading Extension of Approval letter every year. TER Charges for EOA will be waived off during this period.** However, It may be noted that though Extension of Approval is granted for 3 years, the Council shall monitor for fulfillment of all norms by the Institution. In the event of violation, the Council shall initiate penal action as per regulations and the extended EoA shall be withdrawn and the institution need to remit the TER charges only for EOA as per the Approval Process Handbook for the subsequent years also. The above mentioned approval is subject to the condition that **VEL TECH RANGARAJAN DR.SAGUNTHALA R AND D INSTITUTE OF SCIENCE AND TECHNOLOGY** shall follow and adhere to the undertaking / affidavit given by the institution along with the application submitted on portal.

In case of any dispute, the decision as approved by the Executive Committee / General Council of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Grant of Extension of Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37- 3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Important Instructions

1. As per mandatory Disclosure of APH 2024-27(Annexure-18, page180) Institutions must disclose the following information submitted to Council at the Prominent location on its website.
 - i. Department wise availability of Infrastructure along with approved courses and intake approved by the Council.
 - ii. Faculty details: Department wise: Name& Designation of the faculty members/teaching staff along with their qualification, tenure of service in your organization, total experience, Institution should also disclose Student Faculty Ratio, Cadre Ratio.
 - iii. Additionally Audited Financial Statements for last 3 Financial years.
2. Reservation Policy of the Central Government (Including EWS) / Respective State Government/ UT as the case shall be applicable to all the Programmes. The concerned State Government/ UT Admission authority shall decide Modalities of Admission.
3. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2024-25 to 2027 for the Total Approved Intake.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the **Executive Council / General Council as available on the record of AICTE shall be final and binding.**
5. All AICTE institutions are highly encouraged to get NBA/NAAC accreditation. All eligible AICTE institutions are thoroughly encouraged to participate in NIRF ranking process.
6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.
7. AICTE Approved Institutes are encouraged to utilize SWAYAM PLUS Courses up-to 40%
8. Internship is mandatory for all admitted students.
9. AICTE Approved Institutes are encouraged to make efficient use of the flagship schemes like:
 - a. Parakh: Student Gap analysis portal bases services.
 - b. Students Scholarship schemes like Pragati, Saksham, Swanath, ADF, etc.
 - c. Course in Indian Languages.
 - d. ATAL FDPs: Faculty training for Emerging areas and cutting edge Technologies.
 - e. Augmenting Utilization of Research Assets (AURA).
 - f. Smart India Hackathon: World's largest Open Innovation Platform.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. The Principal / Director,
VEL TECH RANGARAJAN DR.SAGUNTHALA R AND D INSTITUTE OF SCIENCE AND TECHNOLOGY
#42, AVADI -VEL TECH ROAD, AVADI, CHENNAI- 600062, TAMIL NADU.,
AVADI,THIRUVALLUR,
Tamil Nadu,600062
2. The Secretary / Chairman,
VEL TECH RANGARAJAN DR.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY
#42, AVADI -VEL TECH ROAD, AVADI, CHENNAI- 600062, TAMIL NADU.,
AVADI,THIRUVALLUR,
Tamil Nadu,600062
3. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.



Ph.D. Awarded List - ACM - JUNE 2024 (Since last ACM dated 24.02.2024)

S.No.	Name	Dept	Mode of Study (PT/FT)	Circular Date	Viva-voce Date	Supervisor Name	Title
1	Vimala Rani S	BIOTECH	FT	05.02.2024	27.02.2024	Dr. K. Jagajjanani Rao	<i>Development of NanoBioSensor for the Detection of Food Contaminants</i>
2	Aregawi Zeferu Hadush	Management Studies	FT	26.02.2024	12.03.2024	Dr. M.S.R. Mariyappan	<i>Factors that Affect Teacher Turnover Intent and Turnover Impact on Quality Education in South East Zone of Tigray, Ethiopia</i>
3	Saurabh Srivastava	MECH	PT External	01.03.2024	18.03.2024	Dr. J. Udaya Prakash	<i>Experimental Investigations of Design of Compliant Knuckle and Bracket using Topology Optimization</i>
4	Vijaya Bhaskar K	EEE	FT	01.03.2024	20.03.2024	Dr. S. Ramesh	<i>Investigation on Optimal Power Flow Problem in Regulated and Deregulated Electricity Market</i>
5	Sivasubramanian R	CSE	PT External	06.03.2024	21.03.2024	Dr. N Malarvizhi	<i>ReAllocation of Resources in Data Grid Environment</i>
6	Vishal Kaushik	AERO	PT External	14.03.2024	04.04.2024	Dr. Naren Shankar R	<i>Optimization of Performance Parameters of a Low Capacity H-Darrieus Vertical Axis Wind Turbine</i>
7	M Jayakumar	Management Studies	PT Internal	28.03.2024	12.04.2024	Dr. Ravishankar K	<i>A Study on Employees Job Satisfaction and Security with Reference to Star Hotels</i>
8	Manikandan N K	CSE	PT Internal	02.04.2024	17.04.2024	Dr. M. Kavitha	<i>Advanced Techniques for Enhancing Content Recommendation in E-learning: A Semantic and Optimization Approach</i>
9	Jadhav Sahadev	MECH	PT External	26.04.2024	11.05.2024	Dr N Dilip Raja	<i>Experimental Investigation of Diffusion Absorption Refrigeration System using Exhaust of Stationary Engine</i>
10	A.V. Anandhalekshmi	CSE	FT	23.04.2024	11.05.2024	Dr. Srinivasa Rao	<i>Designing Hybrid ML Technique for Sensor Fault Diagnosis in IoT Environments</i>
11	Dagnew Gebrehiwot Giday	Management Studies	FT	02.05.2024	17.05.2024	Dr. P. Elantheraiyan	<i>Influence of Training and Development on Teachers' Performance with Mediating Effect of Satisfaction</i>
12	Demelash Misgana Wase	Management Studies	FT	02.05.2024	17.05.2024	Dr. Ravishankar K	<i>A Study on the Practice of Leading Change through Adaptive Leadership in the Case of Ministry of Education and Regional Education Bureaus of Ethiopia</i>
13	Prema K	CSE	PT Internal	13.05.2024	31.05.2024	Dr. J. Visumathi	<i>Design of Non-Destructive Freshness Assessment Method for Shrimp using Deep Learning and Meta Heuristic Algorithm</i>
14	Akshaya Ramesh	MATHS	FT	21.05.2024	06.06.2024	Dr. Udayabaskaran S	<i>A Study of Some Stochastic Models of Single Server Queueing Systems with Random Assignments in a Multi-Level Environment</i>