



Vel Tech

Rangarajan Dr. Sagunthala

R&D Institute of Science and Technology

(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

**Attendance Sheet for 51st MEETING OF BOARD OF MANAGEMENT
on 28.05.2022 AT 10.30 a.m.**

Mode: Video Conference

S.NO	NAME	POSITION	SIGNATURE
1.	Prof.S.Salivahanan Vice Chancellor, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Chairperson	Participated in the Online meeting
2.	Prof.V.Srinivasa Rao Dean, School of Computing, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Dean Faculties Nominee	Participated in the Online meeting
3.	Dr. M. Sivakumar, Dean (PME), Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Dean Faculties Nominee	Participated in the Online meeting
4.	Dr.B.Venkatraman, Director, Indira Gandhi centre for Atomic Research (IGCAR), Kalpakkam, Tamil Nadu.	Chancellor Nominee	Leave of absence
5.	Dr.H.S.Shan, Emeritus Professor, IIT Roorkee 3072, SBI Officers Society, Sector 49-D, Chandigarh-160047.	Chancellor Nominee	Participated in the Online meeting
6.	Dr.V.Jagadeesh Kumar, Professor Department of Electrical Engineering, Indian Institute of Technology Madras, Chennai-600036.	Chancellor Nominee	Participated in the Online meeting
7.	Dr.A.T.Ravichandran, Dean (SOMC), Professor of Mech.Engg., Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Professor Nominee	Leave of absence



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S.NO	NAME	POSITION	SIGNATURE
8.	Dr. P. Chandrakumar, Dean (Industry Relations), Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Representing Associate Professors	Participated in the Online meeting
9.	Mrs.Rangarajan Mahalakshmi Kishore, Chairperson Managing trustee, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Sponsoring Trust Nominee	Participated in the Online meeting
10.	Dr.Sagunthala Rangarajan, Foundress President, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Sponsoring Trust Nominee	Participated in the Online meeting
11.	Dr.S.P.Thyagarajan, Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women (Deemed to be University) Coimbatore-641043.	Sponsoring Trust Nominee	Participated in the Online meeting
12.	Prof.P.Radhakrishnan, Formerly Director, PSG Institute of Advanced Studies, Coimbatore-641004.	Sponsoring Trust Nominee	Participated in the Online meeting
13.	Dr.E.Kannan, Registrar, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Secretary	Participated in the Online meeting

S. Sathivan

VICE CHANCELLOR
Prof. S. Sathivanathan
Vice Chancellor

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



**MINUTES OF 51st MEETING OF
BOARD OF MANAGEMENT**

on 28.05.2022 AT 10.30 a.m.

Mode: Video Conference

MEMBERS

- | | |
|--|------------------------|
| 1. Prof.S.Salivahanan,
Vice Chancellor,
Vel Tech. | Chairperson |
| 2. Prof.V.Srinivasa Rao,
Dean, School of Computing,
Vel Tech. | Dean Faculties Nominee |
| 3. Dr. M. Sivakumar,
Dean (FME),
Vel Tech. | Dean Faculties Nominee |
| 4. Dr.B.Venkatraman,
Director,
Indira Gandhi centre for Atomic Research (IGCAR),
Kalpakkam, Tamil Nadu. | Chancellor Nominee |
| 5. Dr. H.S. Shan,
Emeritus Professor, IIT Roorkee
3072, SBI Officers Society,
Sector 49-D, Chandigarh - 160047. | Chancellor Nominee |
| 6. Dr.V.Jagadeesh Kumar,
Professor,
Department of Electrical Engineering,
Indian Institute of Technology Madras,
Chennai-600036. | Chancellor Nominee |

S. Salivahanan

Prof. S. Salivahanan
Vice Chancellor

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R&D Institute of Science and Technology
Chartered as a University Entity on 9 of 1982 Act, 1986

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|--|-----------------------------------|
| 7. Dr.A.T.Ravichandran,
Dean (Academics),
Vel Tech. | Professor Nominee |
| 8. Dr. P. Chandrakumar,
Dean (Industry Relations),
Vel Tech. | Representing Associate Professors |
| 9. Mrs. Rangarajan Mahalakshmi Kishore,
Chairperson and Managing Trustee.
Vel Tech. | Sponsoring Trust Nominee |
| 10. Dr. Sagunthala Rangarajan,
Foundress President,
Vel Tech. | Sponsoring Trust Nominee |
| 11. Prof.S.P.Thyagarajan,
Chancellor,
Avinashilingam Institute for
Home Science and Higher Education
for Women (Deemed to be University)
Coimbatore-641043. | Sponsoring Trust Nominee |
| 12. Prof.P.Radhakrishnan,
Formerly Director,
PSG Institute of Advanced Studies,
Coimbatore-641004. | Sponsoring Trust Nominee |
| 13. Dr. E. Kannan,
Registrar,
Vel Tech. | Secretary |

S. Salivahan

Prof. S. Salivahanan
Vice Chancellor

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MINUTES

A. Opening

The Chairperson in his welcome address, extended warm welcome to all the members of the BoM. He has highlighted some of the activities of Vel Tech in the last three months, which include commencement of winter semester classes through physical mode, end semester examinations both through online and physical modes, approval of M.Tech. (Industrial Safety and Engineering) by Govt. of Tamil Nadu, submission of EoA for various programmes of 2022-23 to AICTE, submission of SSR to the NAAC and submission of compliance reports to BCI.

The proceedings of the meeting started after the welcome address.

- 51.1 To record the notice convening the 51st Board of Management meeting scheduled on May 28, 2022.

The Invitation for the 51st BoM Meeting has been sent to all the members on 14.05.2022. A copy of the Meeting notice is placed at Appendix-A.

A. 51th BoM Meeting Notice



Appendix-A Click here

RESOLVED to record the Meeting notice convening the 51st Board of Management meeting scheduled on May 28, 2022.

- 51.2 To inform the board about the leave of absence of the members.

The Chairperson informed that Dr. B. Venkataraman, External Member expressed his inability to attend the meeting due to prior commitment. Prof. A.T. Ravichandran, Internal member was also absent for the meeting as he is presently on medical leave.

RESOLVED to record the absence of Dr.B.Venkataraman and Prof. A.T. Ravichandran due to unavoidable reasons for the 51st Board of Management meeting held on May 28, 2022.

S. Salivahan

Prof. S. Salivahanan
Vice Chancellor

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Approved by the University Board, 25.11.2017, Reg. 1859

51.3 To report and record the Minutes of of the 50th BoM meeting held on February 4, 2022.

The Minutes of the 50th meeting of the BoM meeting held on February 4, 2022 is placed in the Appendix-B.

B. 50th BoM Meeting Minutes



Appendix-B Click here

RESOLVED to approve and record the Minutes of the 50th BoM meeting held on February 4, 2022.

51.4 To inform the board about the actions taken based on the minutes of the 50th BoM meeting held on February 4, 2022.

The actions taken based on the minutes of the 50th BoM meeting held on February 4, 2022 are given in the following table:

Table 1: Action Taken Report

Item No.	Subject	Decision	Action Taken
50.9	To discuss the activities connected with Industry Relations during the year 2021-22.	The external members offered a few suggestions such as having connecting link to promote technological transfer, formation of groups to focus on different set of projects etc. and other promotional aspects related to the Industry Relations.	The suggestions offered by the external members have been brought to the notice of the Dean (Industry Relations) to explore the feasibility of enhancing the quality and quantity of industry related activities on the basis of these ideas and suggestions.
50.13	To ratify and approve the action in ratifying the tenure of the external members from 14.07.2021 to 13.07.2024.	The matter has been ratified and the external members Prof. S.P. Thyagarajan, Prof. Jagadeesh Kumar and Prof. H.S. Shan have consented with thanks for extending the tenure of membership.	Incorporated in the constitution of the members of BoM accordingly.

S. Salivahan

Prof. S. Salivahanan
Vice Chancellor

Item No.	Subject	Decision	Action Taken
50.15	To ratify the recruitment based on the recommendations of the Faculty Selection Committee.	Prof. S.P.Thyagarajan opined that relieving too many faculty members from the Institution every year is a cause of concern. He emphasized that counselling meetings must be conducted to redress the grievances of the faculty members. Measures need to be taken for staff retention in future.	The IQAC has taken the responsibility for collecting feed back from the faculty members for sorting out their problems to solve them through all possible ways and means so as retain the services of quality faculty members in future.
50.16	To report and record the model that the institution is following for the conduct of a part of academic activities through online.	Prof. S.P.Thyagarajan pointed out that the currently NPTEL and SWYAM platforms which are being used predominantly for offering courses in the area of technical education. He suggested that Vel Tech may upload e-learning contents on these portals to earn publicity and good recognition.	Setting up of a quality sound studio with required equipment and facilities is in progress in the department of media studies. The institution will be in a position to upload quality e-learning Materials through NPTEL and SWAYAM portals at the earliest.

Prof. S.P. Thyagarajan pointed out that the follow up actions for the decisions taken at the BoM meetings are not presented at the subsequent meetings in detail. The details regarding Feedback of the faculty members relieving themselves from the Institutions was one such item for which the detailed Feedback analytical report was sought by the members. But the same was not submitted in details. He also pointed out that IQAC guidelines on Quality Analysis was the other item discussed earlier for which also no detailed report has been submitted for review and decision making. He suggested for some important issues like these, the reports for review have to be submitted at the subsequent meeting itself. It has been accepted to place reports for those items which have to reviewed in the BoM under category "Discussions and Decisions" from the next BoM onwards.

RESOLVED to approve and record the actions taken based on the minutes of the 50th BoM meeting held on February 4, 2022.

51.5 To report the agenda for the 51st BoM meeting scheduled on May 28, 2022.

The agenda of the 51st meeting of the BoM, scheduled on May 28, 2022 is placed in the Appendix-C.

S. Sathya

Prof. S. Salivahanan
Vice Chancellor

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C. 51st BoM Agenda



Appendix-C Click here

RESOLVED to approve and record the agenda for the 51st BoM meeting scheduled on May 28, 2022

B. Items for Consideration and Approval

- 51.6 To consider and approve the minutes of 39th Academic Council meeting held on May 6, 2022.

The Minutes of the 39th Academic Council Meeting held on May 6, 2022 are given in the Appendix-D.

D.39th ACM Minutes



Appendix-D Click here

Dr. Caremel Mary Belinda Dean, (Academics) in-charge while presenting the Minutes of the 39th Academic Council Meeting held on May 6, 2022, specified some important agenda items discussed at the Academic Council such as BoS Recommendations, Academic Calendar, Re-admission, Migration, Progression of schools etc.

Prof. H.S. Shan pointed out that the annotated agenda of the meetings must be sent one or two weeks in advance to enable the members to go through the contents. He has also pointed out in the syllabi, the text books and reference books suggested are not in order. Some places, the titles come first followed by authors and in some cases, authors come first followed by titles. Same book has been published under Reference and Text books categories, The format is not uniform. He emphasized standard uniform format should be followed while mentioning the names of the authors and titles. The usage of capital or small letters for indicating authors and publications should be uniform. Prof. S.P. Thyagarajan has also endorsed the opinion of Prof. H.S. Shan in the issue relating to sending annotated agenda to the members well in advance. He also pointed out that the need of attracting more full time Ph.D. scholars with attractive fellowship or whatever so in order to boost the image of the Institution of ranking and accreditation purposes.

RESOLVED to approve and record the minutes of 39th Academic Council meeting held on May 6, 2022.

FURTHER RESOLVED to carry out the corrections in the syllabus as pointed out by the members of the BoM.

- 51.7 To consider and approve the minutes of 14th Planning and Monitoring Meeting held on March 25, 2022.

The Minutes of the 14th Planning and Monitoring Meeting held on March 25, 2022 are given in the Appendix-E.

March 25, 2022
Vice Chancellor

E.14th P&M Minutes



Appendix-E Click here

Prof. E. Kannan explained to the members, the discussions held on the agenda placed before the 14th Meeting of Planning and Monitoring especially on the discussion related to the Strategic Plan and Policies of the Institution. He informed that the suggestions given by the members have been considered and incorporated. Prof. S.P. Thyagarajan pointed out that the UGC has given the guidelines for the establishment of Institutional Development Planning Committee in cognizance with the NEP 2020 and institution may use it effectively for updating various aspects and measures taken to improve Institutional Development.

RESOLVED to approve the minutes of 14th Planning and Monitoring Meeting held on March 25, 2022.

- 51.8 To consider and approve the minutes of 28th Finance Committee Meeting held on March 30, 2022.

The Minutes of the 28th Finance Committee Meeting held on March 30, 2022 are given in the Appendix-F.

F. 28th FCM Minutes



Appendix-F Click here

Prof. E. Kannan presented the minutes of the Finance Committee, highlighting the budget of 2022-23 and the recommendations of the Fee Fixation Committee for different UG and PG programmes from 2022-23 onwards.

RESOLVED to approve and record the minutes of 28th Finance Committee Meeting held on March 30, 2022 along with the Budget 2022-23 and the recommendations of the Fee Fixation Committee to be implemented from 2022-23.

S. Salivahan
Prof. S. Salivahanan
Vice Chancellor

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Approved by the University of Applied Sciences, 2022

- 51.9 To consider and approve the results of the Ph.D. viva-voce examination conducted since the last BoM meeting held on February 4, 2022.

The descriptive note on the results of the Ph.D. viva-voce examination conducted since the last BoM meeting held on February 4, 2022, presented by the Controller of Examinations is placed at Appendix-G.

G. Ph.D. Viva-Voce Results



Appendix-G Click here

The Controller of Examinations presented the details of results of the Ph.D. viva-voce examination conducted during the period from 04.02.2022 to 27.05.2022.

RESOLVED to approve the results of the Ph.D. viva-voce examination conducted during the period from 05.02.2022 to 27.05.2022.

- 51.10 To discuss and approve the draft Strategic Plan 2021-26 of this Institution.

The Strategic Plan 2021-26 of this Institution, focussing on various developmental plans and academic reforms in tune with the recommendations of the National Education Policy (NEP) is given in Appendix-H.

H. Strategic Plan 2021-26



Appendix-H Click here

Prof. E. Kannan presented the salient features of the Strategic Plan of the Institution. He informed that the recommendations suggested the members of the Planning and Monitoring have been taken into account and incorporated accordingly. Prof. S.P. Thyagarajan appreciated the phenomenal efforts taken in compiling the Strategic Plan. He pointed out that in the document in couple of places and diagrams, the Plan period was mentioned as 2022-27 and in all other places the period was indicated as 2021-22. He suggested that the period may be taken as 2022-27 as 2021 was over. Some other points suggested by Prof. S.P. Thyagarajan are

S. Salivahan
Prof. S. Salivahanan
Vice Chancellor

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- a. Emphasis should be given to Object Oriented Education and the principles related to Programme outcomes and Course outcomes under Curricular Reforms. The strategy Plan should focus on OBE and the outcomes as they are the key factors to be considered by the NIRF, NAAC and NBA.
- b. The UGC Regulations released in Jan.2022 contains new guidelines in the Regulations and the UGC stipulated certain configurations for the Research oriented work and projects, which need to be included in the strategic plan.
- c. The institution should think positively to secure 3.51 or more CGPA to become eligible for conducting noval degree programmes including Twin Degrees, Sandwich courses. The efforts taken on this matter are to be highlighted.
- d. The details of Visiting Professors and their profile have to to be enlightened in the Strategic Plan.
- e. Instead of giving statistics in numbers, Analytic surveys should be given in the ratios under quality indicators and Citation Analysis along with the X factors of the Institution.

Prof. Dr. E. Kannan informed that the suggestion of the member would be incorporated appropriately.

RESOLVED to place the Strategic Plan 2022-27 after incorporating the suggestions offered by the members of the BoM. at the next meeting

- 51.11 To consider and approve the Academic Calendar for the Academic year 2022-23.

The Academic Calendar for the Academic year 2022-23 is given in Appendix-I.

1. Academic year 2022-23



Appendix-I Click here

Dr. Carmal Mary Belinda, Dean (Academics) in-charge presented the Academic Calendar for 2022-23 for various degree programmes.

RESOLVED to approve the Academic Calendar for the Academic year 2022-23.

S. Selvakumar
Prof. S. Selvakumar
Vice Chancellor

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R&D Institute of Science and Technology
Chennai-60 0066 Tamil Nadu, India

C. Items for Discussions and Decisions

51.12 To discuss the activities of the following Offices during the academic year 2021-22 and their proposed activities for the Academic year 2022-23.

1. Campus to Corporate.
2. Research & Development.
3. Quality Assurance.

51.12.1 Campus to Corporate

Dr. P. Vijayaraman, Dean (Campus to Corporate) presented the detailed report on the activities related to placements made 2021-22, recruiters and also the proposed activities for the Academic year 2022-23. The descriptive summary is given at the Appendix-J given below.

J. Campus to Corporate



[Appendix-J Click here](#)

51.12.2 Research & Development

Dr. E. Balasubramanian, Dean (Research & Development) presented the activities of the R&D during the academic year 2021-22 and the proposed activities for 2022-23 under different headings such as Sanctioned Funded Projects, Funded Research Projects submitted, Scopus publications (CY), Publications (Web of Science), Publications (Incentive), Patents (Incentive), Seed Fund, Research Guidance, Future aspects along with the diagrammatic representations and Vel Tech R&D eco-system, as in the Appendix-K given below.

K. Research & Development



[Appendix-K Click here](#)

S. Salival
Prof. S. Salivahanan
Vice Chancellor

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(Deemed to be University) Vel, VOT of UGC Act, 1956

51.12.3 Quality Assurance

Prof. R.S. Valarmathi, Dean (Quality assurance) presented the reports submitted to NAAC and NBA. She presented the Rankings awarded to Vel Tech prominently along with the proposed activities to be undertaken in 2022-23 in detail as in the Appendix-L given below.

L. Quality Assurance



Appendix-L Click here

RESOLVED the activities of the following Offices during the academic year 2021-22 and their proposed activities for the Academic year 2022-23.

- a) Campus to Corporate*
- b) Research and Development*
- c) Quality Assurance*

- 51.13 To discuss the proposed intake of students for different degree programmes coming under Engineering and Technology, Law / Management /Science and Humanities and Arts for the academic year 2022-23 and the new programmes to be offered from the Academic Year 2022-23.

Prof. E. Kannan presented the proposed intake of students for different degree programmes coming under Engineering and Technology, Law / Management /Science and Humanities and Arts for the academic year 2022-23 and the new programmes to be offered from the Academic Year 2022-23 which are as follows:

A. NEW COURSES - Engineering & Technology

Table 2: NEW COURSES - Engineering & Technology

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	-	-	60
2	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	-	-	60
3	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	-	-	60
TOTAL		-	-	180

S. Salivahan
S. Salivahanan
Vice Chancellor

Vel Tech

B. REDUCTION - Engineering & Technology

Table 3: REDUCTION - Engineering & Technology

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	AERONAUTICAL ENGINEERING	90	34	60
2	ELECTRONICS & COMMUNICATION ENGINEERING	570	656	480
3	MECHANICAL ENGINEERING	120	54	60
TOTAL		780	744	600

C. CLOSURE - MBA - POST GRADUATE

Table 4: CLOSURE - MBA - POST GRADUATE

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	MBA (INNOVATION, ENTREPRENEURSHIP AND VENTURE DEVELOPMENT)	30	6	0
TOTAL		30	6	0

D. UNDER GRADUATE - Engineering & Technology

Table 5: UNDER GRADUATE - Engineering & Technology

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60	69	60
2	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60	69	60
3	COMPUTER SCIENCE AND DESIGN	60	69	60
4	COMPUTER SCIENCE & ENGINEERING	960	1104	960
5	CIVIL ENGINEERING	60	32	60
6	ELECTRICAL AND ELECTRONICS ENGINEERING	60	24	60
7	INFORMATION TECHNOLOGY	60	69	60
8	BIOTECHNOLOGY	60	53	60
9	BIOMEDICAL ENGINEERING	60	23	60
TOTAL		1440	1512	1440

S. Salivahan
Prof. S. Salivahanan
Vice Chancellor

Vel Tech

E. POST GRADUATE - Engineering & Technology

Table 6: POST GRADUATE - Engineering & Technology

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	AERONAUTICAL ENGINEERING (Unmanned Aerial Vehicles)	18	6	18
2	BIG DATA ANALYTICS	18	8	18
3	BIOTECHNOLOGY	18	12	18
4	COMPUTER SCIENCE AND ENGINEERING	18	7	18
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	18	8	18
6	ENVIRONMENTAL ENGINEERING	18	6	18
7	INDUSTRIAL SAFETY AND ENGINEERING	18	18	18
8	INFORMATION AND CYBER SECURITY	18	7	18
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18	10	18
10	NETWORK ENGINEERING	18	1	18
11	POWER ELECTRONICS	18	6	18
12	STRUCTURAL ENGINEERING	18	9	18
TOTAL		216	98	216

F. POST GRADUATE - INCREASE IN INTAKE

Table 7: POST GRADUATE - INCREASE IN INTAKE

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	MBA	90	88	120
TOTAL		90	88	120

*** The Institution has also applied for 15% additional Intake AICTE**

Table 8: 15% additional Intake AICTE

S.No	Description	No. of Courses	Total Intake 2021-22	Total Intake 2022-23
1	UG - Total No. of Courses & Intake for the Year (AICTE)	15	2220	2220
2	PG - Total No. of Courses & Intake for the Year (AICTE)	13	336	336
TOTAL		28	2556	2556

S. Selvam

Prof. S. Selvam
Vice Chancellor

G. UNDER GRADUATE - Arts & Science

Table 9: UNDER GRADUATE - Arts & Science

S.No	Degree Programme	Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	BACHELOR OF COMMERCE	120	110	240
2	BACHELOR OF BUSINESS ADMINISTRATION	30	28	60
3	B.A.,LL.B.(Hons)	120	120	120
4	B.COM.,LL.B.(Hons)	120	91	120
5	BACHELOR OF SCIENCE - VISUAL COMMUNICATION	30	14	30
6	BACHELOR OF SCIENCE - MULTIMEDIA	30	9	30
TOTAL		450	372	450

H. POST GRADUATE - Arts & Science

Table 10: POST GRADUATE - Arts & Science

S.No	Degree Programme	Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	M.A.(English)	30	14	30
2	M.SC(CHEMISTRY)	30	30	30
3	M.SC(DATA ANALYTICS)	30	12	30
4	M.SC(MATHS)	30	8	30
5	M.SC(PHYSICS)	30	22	30
TOTAL		150	86	150

Prof.S.P. Thiagarajan has sought the reason for the reduction of seats for B.Tech. Electronics & Communication Engineering from 570 to 480. The Chair Person replied that the students strength in respect of 1. Aeronautical Engineering 2. Electronics & Communication Engineering 3. Mechanical Engineering branches has been reduced in order to accommodate seats for newly started CSE specialization branches i.e. 1. Computer Science and Engineering (Artificial Intelligence and Machine Learning) 2. Computer Science and Engineering (Data Science) 3. Computer Science and Engineering (Cyber Security) with the intake of 60 each without changing the total intake in the reallocation process for which approval has been obtained from AICTE.

Prof S.P Thiagarajan advised closure of any PG programme for which the intake is less than the threshold number (at least 5 or 6), considering the economic viability while pointing out the student strength of M.Tech. Network Engineering wherein there was only one student admitted. The suggestion of the member was accepted.

S. Salivan

Prof. S. Salivahanan
Vice Chancellor

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R&D Institute of Science and Technology
Approved by the Council on 05.05.2022

RESOLVED to approve and record the proposed intake of the students for different degree programmes coming under Engineering and Technology, Law, Management /Science and Humanities and for the academic year 2022-23.

D. Items for Ratification

51.14 To ratify the Revised Academic calendar for winter semester 2021-22.

Dr. Carmal Mary Belinda, Dean (Academics) in-charge informed that in view of the request from the students of Intensive Semester to schedule their programme earlier, changes have been made in the existing Academic Calendar, by preponing the Semester academic programmes in such a way without detrimental to the number of working days prescribed as in the Revised Calendar placed below.

Table 11: REVISED ACADEMIC CALENDAR

Semester	Description -Test I Examination	Present	Rescheduled Dates
WINTER SEMESTER 2021-22	Unit Test - 2	12-May-2022	12-May-2022
	Mid Term Test-2	07-June-2022	30-May-2022.
	Model Practical Examination	30-May-2022	23-May-2022.
	Last Instructional Day	13-June-2022	04-June-2022.
	Semester End Practical viva-voce Examination	15-June-2022	06-June-2022
	Semester End Theory Examination	23-June -2022	15-June-2022

Table 12: INTENSIVE SEMESTER PROGRAMME

Description	Date
Date of commencement of Intensive Semester Registration	30-June-2022
Date of commencement of Intensive Course Registration	07-July-2022
Last Date for Intensive Semester Registration	09-July-2022
Date of commencement of intensive classwork	11-July-2022
Last working day for intensive semester	12-Aug-2022

RESOLVED to ratify the Revised Academic calendar for winter semester 2021-22.

51.15 To ratify the recommendations of the Faculty Selection Committee since last meeting of the BoM held on February 4, 2022.

Prof. E. Kannan pointed out that there were 34 faculty members apponited from 4th February 2022 keeping it in view that the Faculty Students Ratio (FSR) to be at 1:15. The details are given in the Appendix-M.

S. Salivahan S. Salivahanan
Vice Chancellor



Appendix-M Click here

RESOLVED to ratify the recommendations of the Faculty Selection Committee meetings held since last meeting of the BoM of February 4, 2022.

E. Items for Reporting

- 51.16 To report and record the letters received from MHRD/ UGC/ AICTE/ BCI / STATE GOVERNMENT and action taken thereof.

The letters received from MHRD/ UGC/ AICTE/ BCI / STATE GOVERNMENT and action taken thereof are detailed below:

Table 13: Letters received from MHRD/ UGC/ AICTE/ BCI / STATE GOVERNMENT

S.No	From	Ref.No and Date of receipt	Subject	Action taken
1.	Govt. of Tamil Nadu	Go (Ms) No. 11.02.2022.	Recognition of M.Tech. (Industrial Safety Engineering) by the Govt. of Tamil Nadu under rule 3(i) (b).	Conveyed thankfulness to the Director of Industrial Safety and Health (FAS) for taking initiatives.
2.	BCI	BCI:D:1091:2021 (LE/APP/AFFLIN) dated 16.03.2022.	Submission of Compliance Report BCI for Extension of Approval of UG Law courses.	Documents submitted to BCI on 06.04.2022.
3.	AICTE	F.NO.AICTE/SRO/RTI/2022/003/62 dated 19.04.2022.	Reply sent to AICTE on the appeal submitted by Mrs. N. Thenmozhi claiming certain information relating to Budget and Finance connected with Vel Tech. under RTI.	Conveyed to AICTE that the Deemed to be University is not coming under the purview of RTI by quoting the decisions of Central Information commission.
4.	Govt. of Tamil Nadu	565/2022/AI dated 22.04.2022.	Recognition of Vel Tech as Examination centre for the conduct of Tamil Nadu Public Service Commission Examination (TNPSC Group-II).	The Examinations were conducted on 21.05.2022.
5.	AICTE	Email dated 29.04.2022.	15% of additional intake of students for B.Tech. (CSE) for 2022-23 approved by the AICTE for ranking under NIRF	Additional intake of students has been uploaded along with the intake of students for 2022-23.

S. Salivahan
S. Salivahanan
Vice Chancellor

RESOLVED to record the letters received from MHRD/ UGC/ AICTE/ BCI / STATE GOVERNMENT and action taken thereon.

- 51.17 To report the recognition of M.Tech. Programme (Industrial Safety and Engineering) being conducted by Vel Tech, by the Government of Tamil Nadu under rule 3(i) (b) of Tamil Nadu Safety Officers Rules 2005 for appointment of safety officers in Factories.

Prof. E. Kannan informed that the Institution submitted letters to the Director of Industrial safety and Health (FAC), Chennai 32 on 18.03.2019 and 21.01.2021 for recognition of M.Tech. Programme (Industrial Safety and Engineering), along with necessary documents such as Office memorandum of UGC, Copy of approval letter from AICTE, Syllabus of curriculum, Details of faculty, Lab and Library facilities.

The Govt. of Tamil Nadu considered the applications under Rule 3(1)(b) of the Tamil Nadu Safety officers (Details, Qualifications and conditions of service) for appointment of safety officers in factories and decided to accept the accommodations of the Director of Industrial Safety and Health (FAC) and Governor of Tamil Nadu recognized the M.Tech. Programme (Industrial Safety and Engineering) conducted by the Vel Tech under Rule 3(1)(b) of the Tamil Nadu Safety officers Rules 2005, for appointment of Safety officers in factories.

The letter informing the approval by the Govt. of Tamil Nadu was received by this Institution on 11.02.2022. A copy of the approval letter is placed at the Appendix-N.

N. Industrial Safety and Engineering



[Appendix-N Click here](#)

RESOLVED to record the recognition of M.Tech. Programme (Industrial Safety and Engineering) being conducted by Vel Tech, by the Government of Tamil Nadu under rule 3(i) (b) of Tamil Nadu Safety Officers Rules 2005 for appointment of safety officers in Factories

F. Concluding

- 51.18 Any other item with the permission of the Chairperson.

No items other than those included in the Agenda were taken up for discussion at the meeting.

S. Salivahan
Prof. S. Salivahanan
Vice Chancellor

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

51.19 To consider and approve the date for holding the next meeting of the BoM.

The Chairperson informed the members that the subsequent meeting of the BoM would be held in September 2022. He has also informed that the exact date and time would be informed to all the members in due course.

Vote of Thanks.

Prof.E. Kannan thanked all the members, particularly the external members who participated the meeting and offered valuable suggestions. He assured that the suggestions would be incorporated appropriately.

With the Vote of thanks, the meeting came to a close.

S. Salivan

Prof. S. Salivahanan
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Established by the Government of Tamil Nadu in 1984



Vel Tech

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

Ref. No. VT/R/MN-BoM/21-22/008-6

Date: 14.05.2022

To

The Members of the Board of Management
Vel Tech

Sir,

Sub: 51st Meeting of the Board of Management to be held on 28.05.2022
Invitation – Reg.

I am, by direction, to inform that the Vice Chancellor is pleased to convene the 51st Meeting of the Board of Management on 28.05.2022 (SATURDAY) at 10.30 am.

It has, also, been decided to conduct the BoM meeting through online video conferencing mode with the aid of Microsoft Team application (which can be downloadable from Google Play Store).

The meeting ID and Password will be provided to the members for joining and participating in the meeting and deliberations, one day before the commencement of the meeting.

I request you to kindly make it convenient to participate in the virtual meeting of the Board of Management and offer your valuable suggestions.

Thanking you,

Yours sincerely,

REGISTRAR

Prof. Dr. E. Kannan
Registrar

Encl: Agenda of the 51st BoM Meeting.

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

No.42, Avadi-Vel Tech Road, Vel Nagar,
Avadi, Chennai - 600 062, Tamil Nadu, India.
Landline : +91 44 2684 0262 / 2684 0605
Toll Free : 1800 212 7669
Email : registrar@veltech.edu.in
Website : www.veltech.edu.in



**MINUTES OF 50th MEETING OF
BOARD OF MANAGEMENT
on 04.02.2022 AT 10.00 A.M
Mode: Video Conference**

MEMBERS

- | | |
|--|------------------------|
| 1. Prof.S.Salivahanan,
Vice Chancellor,
Vel Tech. | Chairperson |
| 2. Prof.V.Srinivasa Rao,
Dean, School of Computing,
Vel Tech. | Dean Faculties Nominee |
| 3. Dr.M.Sivakumar,
Dean (FME),
Vel Tech. | Dean Faculties Nominee |
| 4. Dr.B.Venkatraman,
Director,
Indira Gandhi Centre for Atomic Rsearch (IGCAR)
Kalpakkam, Tamil Nadu. | Chancellor Nominee |
| 5. Dr.H.S.Shan,
Emeritus Professor, IIT Roorkee
3072, SBI Officers Society,
Sector 49-D, Chandigarh - 160047. | Chancellor Nominee |
| 6. Dr.V.Jagadeesh Kumar,
Professor,
Department of Electrical Engineering,
Indian Institute of Technology Madras,
Chennai-600036. | Chancellor Nominee |

- | | |
|--|-----------------------------------|
| 7. Dr.A.T.Ravichandran,
Dean (Academics),
Vel Tech. | Professor Nominee |
| 8. Dr.P.Chandrakumar,
Dean (Industry Relations),
Vel Tech. | Representing Associate Professors |
| 9. Mrs.Rangarajan Mahalakshmi Kishore,
Chairperson and Managing Trustee.
Vel Tech. | Sponsoring Trust Nominee |
| 10. Dr.Sagunthala Rangarajan,
Foundress President,
Vel Tech. | Sponsoring Trust Nominee |
| 11. Prof.S.P.Thyagarajan,
Chancellor,
Avinashilingam Institute for
Home Science and Higher Education
for Women (Deemed to be University)
Coimbatore-641043. | Sponsoring Trust Nominee |
| 12. Prof.P.Radhakrishnan,
Director, PSG Institute of Advanced Studies,
Coimbatore-641004. | Sponsoring Trust Nominee |
| 13. Dr.E.Kannan,
Registrar,
Vel Tech. | Secretary |

MINUTES

A. Opening

The Chairperson in his welcome address, highlighted the activities of Vel Tech in the last three months, which include online inspection of AICTE, submission of compliance report, preparatory work of NAAC Accreditation, status of preparation of SSR for NAAC and SAR for NBA, conduct of classes through offline mode, following the guidelines of the Government etc.

The Chairperson has also extended a warm welcome to the new members of the BoM Prof. M. Sivakumar, Dean(FME) and Dr. P. Chandrakumar, Dean(Industry Relations). The Chairperson informed that Ms. Harini, a student of B.Com LL.B participated in the Republic Rally at New Delhi on the eve of the Republic day on 26.02.2022 and Ms. Harini was the only student selected from the State of Tamil Nadu for participating in the Republic Rally at the National Level.

50.1 To record the notice convening the 50th Board of Management meeting scheduled on February, 4, 2022.

The Invitation for the 50th BoM Meeting has been sent to all the members on 25.01.2022. A copy of the Meeting notice is placed at Appendix A.



A. Meeting Notice



RESOLVED to record the Meeting Notice of the 50th meeting scheduled on February 4, 2022

50.2 To record the leave of absence of the Members of the Board of Management.

The Chairperson informed that Dr. B. Venkataraman expressed his inability to attend the meeting in view of the ongoing Parliamentary session. Similarly Dr.Radhakrishnan, the other external member has also expressed his inability to attend the meeting due to preoccupation.

Prof.S.P. Thyagarajan expressed his commendation on the eve of the birthday of the Foundress President of Vel Tech who was celebrating her birthday and opined that it would be fair on the part of the BoM to pass a resolution conveying the congratulatory message to the Foundress President and her family as a mark of respect and honour.

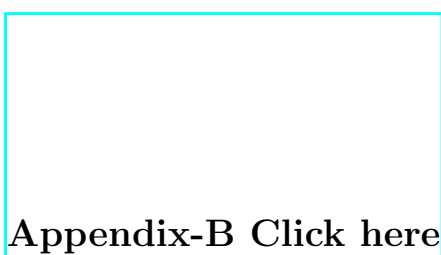
Prof. H. S. Shan seconded the proposal.

RESOLVED to record the leave of absence of Dr. B. Venkataraman and Dr. P. Radhakrishna, who have expressed their inability to attend the 50th meeting of the BoM scheduled on February 4, 2022 due to unavoidable reasons.

FURTHER RESOLVED to record the congratulatory message of the members of the Board of Management, conveying birthday wishes to the respected Foundress President on the eve of her birthday.

50.3 To report and record the minutes of the 49th BoM meeting held on September 25, 2021.

The Minutes of the 49th meeting of the BoM is placed in the Appendix-B.



B. 49th BoM Meeting Minutes



RESOLVED to approve and record the minutes of the 49th meeting of the BoM held on September 25, 2021.

50.4 To inform the board about the actions taken based on the minutes of the 49th BoM meeting held on September 25, 2021.

The action taken based on the minutes of the 49th BoM meeting held on September 25, 2021 given in the following table:

Table 1: Action Taken Report

Item No.	Subject	Decision	Action Taken
49.6	Minutes of the 37 th Academic Council Meeting	The need of more number full time Ph.D. scholars instead of having too many part time scholars, was emphasized as the progress of the Institution largely depends upon the research activities and research publications. The Chairperson assured that the Institution would take all possible steps to improve the number of full time scholars in the forthcoming academic year.	Necessary steps have been taken to give wide publicity of the facilities available in the campus such as TBI, Centre of Excellence, well-furnished laboratories in addition to the availability of experienced supervisors, stipends et. through the Regional admission centres so as to attract more number of full time scholars in future.

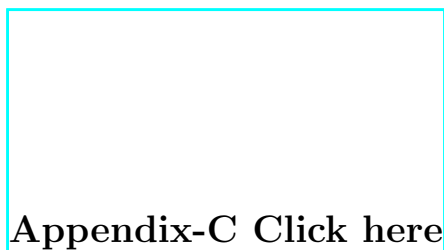
Table 2: Action Taken Report

Item No.	Subject	Decision	Action Taken
49.12	Conduct of offline/ on-line classes during the academic year 2021-22.	The members pointed out that the Government is permitting 40% of the academic activities to be conducted through online and Prof. S.P. Thyagarajan requested to put up the model that Vel Tech is following for the on-line teaching and other online academic activities at the forthcoming BoM Meeting.	Placed Under Agenda Item 50.15 for discussion at this meeting.
49.13	Faculty appraisal committee.	The constitution of the Faculty Selection Committee and the methodology adopted for the quality appraisal were discussed and the recommendations have been accepted.	Annual increments were awarded to the staff based on their performance in academic and research areas. Due consideration has been given for the publications of the faculty members in the Scopus journals, while awarding increments.
49.17	Any other item with the permission of the Chairperson.	Prof. H.S. Shan sought clarifications about the decrease of student strength for PG courses and economic viability. He suggested that the courses for which there are no students continuously for two or more years may be discontinued.	1. Necessary steps have been taken to increase the strength of the PG students through the Regional admission co-ordinators concerned, by giving wide publicity as to the availability of facilities like laboratories, TBI, Centre of Excellency, qualified and experienced faculty members and other facilities in this Institution for successfully doing PG courses. 2. As suggested by the External member, seven PG programmes, viz 1. M.Tech. Automobile Engineering. 2. M.Tech. Construction Engineering and Management. 3. M.Tech. Geotechnical Engineering. 4. M.Tech. in Industrial Engineering. 5. M.Tech. CAD/CAM. 6. M.Tech. Thermal Engineering. 7. M.Tech. in Machine Design. have been closed in the academic year 2021-22.

RESOLVED to approve and record the action taken report on the 49th BoM Meeting held on September 25,2021.

50.5 To report the agenda for the 50th BoM meeting scheduled on February, 4 2022.

The agenda of the 50th meeting of the BoM, scheduled on February 04,2022 is placed in the Appendix C.



C. 50th BoM Agenda

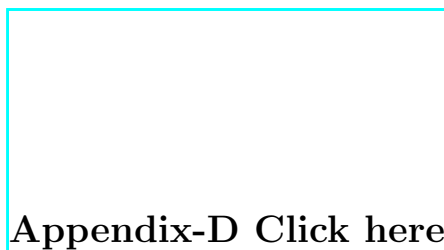


RESOLVED to approve and record the agenda of the 50th meeting of the BoM held scheduled on February 4,2022.

B. Items for Consideration and Approval

50.6 To consider and approve the minutes of 38th Academic Council meeting held on December 23, 2021.

The Minutes of the 38th Academic Council Meeting held on December 23, 2021 are given in the Appendix D.



D. 38th ACM Minutes



Prof. S.P. Thyagarajan has pointed out that the UGC has sent many notifications and advisories to the Universities recently with regard to certain academic reforms to be made in tune with the New Education Policy particularly with regard to academic bank, co curricular activities etc., and there was a need to take up these issues for elaborate discussions with the Joint Board of Studies, Academic Council to explore the ways and means as how effectively these reforms could be implemented by working out a road map.

The Dean (Academics) assured that the Institution would take up this matter appropriately.

The Dean (Academics) presented the student Admitted students Intake for 2021-22 as detailed below:

A. UNDER GRADUATE - Engineering & Technology

Table 3: UNDER GRADUATE - Engineering & Technology

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22
1	AERONAUTICAL ENGINEERING	90	34
2	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60	69
3	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60	69
4	BIO TECHNOLOGY	60	53
5	BIOMEDICAL ENGINEERING	60	23
6	CIVIL ENGINEERING	60	32
7	COMPUTER SCIENCE AND DESIGN	60	69
8	COMPUTER SCIENCE & ENGINEERING	960	1104
9	ELECTRICAL AND ELECTRONICS ENGINEERING	60	24
10	ELECTRONICS AND COMMUNICATION ENGINEERING	570	656
11	INFORMATION TECHNOLOGY	60	69
12	MECHANICAL ENGINEERING	120	54
TOTAL		2220	2256

B. POST GRADUATE - Engineering & Technology

Table 4: POST GRADUATE - Engineering & Technology

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22
1	AERONAUTICAL ENGINEERING (Unmanned Aerial Vehicles)	18	6
2	BIG DATA ANALYTICS	18	8
3	BIOTECHNOLOGY	18	12
4	COMPUTER SCIENCE AND ENGINEERING	18	7
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	18	8
6	ENVIRONMENTAL ENGINEERING	18	6
7	INDUSTRIAL SAFETY AND ENGINEERING	18	18
8	INFORMATION AND CYBER SECURITY	18	7

Table 5: POST GRADUATE - Engineering & Technology

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18	10
10	NETWORK ENGINEERING	18	1
11	POWER ELECTRONICS	18	6
12	STRUCTURAL ENGINEERING	18	9
TOTAL		216	98

C. MBA - POST GRADUATE

Table 6: MBA - POST GRADUATE

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22
1	MBA	90	88
2	MBA (INNOVATION, ENTREPRENEURSHIP AND VENTURE DEVELOPMENT)	30	6
TOTAL		120	94

D. UNDER GRADUATE - Arts & Science

Table 7: UNDER GRADUATE - Arts & Science

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22
1	BACHELOR OF COMMERCE	120	110
2	BACHELOR OF BUSINESS ADMINISTRATION	30	28
3	B.A.,LL.B.(Hons)	120	120
4	B.COM.,LL.B.(Hons)	120	91
5	BACHELOR OF SCIENCE - VISUAL COMMUNICATION	30	14
6	BACHELOR OF SCIENCE - MULTIMEDIA	30	9
TOTAL		450	372

E. POST GRADUATE - Arts & Science

Table 8: POST GRADUATE - Arts & Science

S.No	Degree Programme	AICTE - Approved Intake for 2021-22	Student admitted for 2021-22
1	M.A.(English)	30	14
2	M.SC(CHEMISTRY)	30	30
3	M.SC(DATA ANALYTICS)	30	12
4	M.SC(MATHS)	30	8
5	M.SC(PHYSICS)	30	22
TOTAL		150	86

The Dean Academics has also confirmed that the strength of Faculty members and the students admitted for 2021-22 exist at the Faculty student ratio of 1:15.

RESOLVED to approve and record the Minutes of the 38th Academic Council Meeting held on December 23, 2021.

FURTHER RESOLVED to approve the Admitted Students Intake for 2021-22.

50.7 To consider and approve the minutes of 27th Finance Committee Meeting held on November 13, 2021.

The Minutes of the 27th Finance Committee Meeting held on November 13, 2021 are given in the Appendix E.

**E. 27th FCM Minutes**

Prof. E. Kannan presented the Minutes of the Finance Committee and the discussion held at the time of the meeting particularly with regard to the actual expenditure from April 1, 2021 to October 2021, committed expenditure, Audited Balance sheets etc. in brief and submitted the minutes for consideration and approval of the BoM.

Prof. S.P. Thyagarajan pointed out that there must be a UGC Nominee on the Finance Committee as per the UGC Regulations and the statutory committee should be constituted as per the UGC norms.

Prof. E. Kannan, in his reply, pointed out that there was one UGC Member in the Finance Committee named Mr. Dokra, whose tenure ended a few years ago. Prof. Kannan informed that after the completion of his tenure, the Institution has been writing to the UGC for nominating a member. No reply has been received from the UGC .

Prof. S.P. Thyagarajan suggested that the UGC nominee has to be included in the list of member of Finance Committee without mentioning the name until the receipt of the name of the nominee from the UGC in such a way to show that the Institution has been making sincere attempts for getting the UGC nominee.

RESOLVED to approve and record the Minutes of the 27th Finance Committee Meeting held on November 13, 2021.

FURTHER RESOLVED to include the UGC nominee in the List with the note "VACANT -Name is awaited from the UGC" against the UGC nominee until the receipt of the name is received from the UGC.

50.8 To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on September 25, 2021.

The descriptive note on the results of the Ph.D. viva-voce conducted since the last BoM meeting held on September 25, 2021, presented by the Controller of Examinations is placed at Appendix F.



F. Ph.D. Viva-Voce Results



RESOLVED to approve and record the results of the Ph.D. viva-voce conducted since the last BoM meeting held on September 25, 2021.

C. Items for Discussion and Decisions

50.9 To discuss the activities connected with Industry relations during the academic year 2021-22.

The Dean (Industry Relations) summed up various activities connected with the Industrial Relations under different headings such as Credit Course during the summer semester of the Academic Year 2021-22, Industry Projects - 2021-22, MoU signed, Consultancy Projects and FDP as in the Appendix G.

G. Industry Relations



The External members appreciated the Industry related activities taken up recently and they were of the opinion that there should be a connecting link to take up the technological transfer to the next higher level Prof.S.P.Thyagarajan pointed out that technological transfer was an art by itself. Vel Tech should think in terms of making technological transfer to the commercial level with the skilled manpower. He advised such a kind of promotional activities might help a lot.

Prof. H.S. Shan suggested that while presenting the progress of the projects, the detailed summary of the projects, Funds involved in them, status of the projects, objectives etc. which should be tabulated and submitted to understand the status of various projects. Prof. Jagadeesh Kumar pointed out that academic and industrial project development should be different entities to be dealt with separately. He emphasized groups should be formed to focus on different sets of Industry related project developmental activities as like in the Research Park of Indian Institute of Technology, Chennai for the better progress.

RESOLVED to approve and record the activities connected with Industry relations during the academic year 2021-22.

50.10 To discuss the status of NAAC second cycle.

Dr. R.S. Valarmathi, Dean (Quality Assurance) reported that the Institutional information for Quality Assessment (IIQA) was submitted to the NAAC on 30.12.2021. After the initial verification, the IIQA has been accepted by the NAAC on 25.01.2022. The NAAC has given approval for Self Study Report (SSR) submission. The SSR has to be submitted through NAAC portal within 45 days from the date of acceptance of IIQA. Draft SSR preparation and verification have already been completed and the portal entry was under progress.

The Dean (Quality Assurance) has given a detailed presentation of the various aspects such as parameters, criteria, matrices etc. involved in the preparation of SSR.

Prof. S.P. Thyagarajan suggested that metrics by metrics analysis of the report would be helpful and better than taking the verification at category wise, before submission of the report.

Prof. E. Kannan thanked Prof. S.P. Thyagarajan and assured that the valuable suggestions of the member would be taken into consideration in pursuit of achievement of the desired goal.

RESOLVED to approve and record the action taken in the preparation and submission of IIQA and SSR for NAAC accreditation.

50.11 To discuss the status of NBA Pre Qualifier in respect of the following departments.

1. Aeronautical Engineering.
2. Electrical and Electronics Engineering.
3. Mechanical Engineering.

The Dean (Quality Assurance) reported that the registration process of the three B.Tech. Programs have been completed on 29/12/2021. The NBA has accepted the registration and given 30 days time for the submission of Pre-Qualifier for the above three programs. On 27/01/2022 Pre-Qualifier has been submitted to NBA. Draft Self-Assessment Report (SAR) preparation and verification for 1- 7 criteria with two reviews were completed. Preparation of Criteria 8-10 is under finishing stage.

RESOLVED to approve the initiatives taken in the case of the work related to NBA Pre Qualifier in respect of the three departments viz Aeronautical Engineering, EEE and Mechanical Engineering.

D. Items for Ratification

50.12 To ratify the 11th Convocation on 6th and 7th November, 2021 conducted through offline mode.

Prof. E. Kannan reported that owing to some improvement in the Pandemic situation, the Government of Tamil Nadu relaxed restrictions and permitted the Institutions to conduct functions with limited number of participants and also by following the SoP (Standard Operating Procedure) in November 2021. Therefore, it was decided to hold the 11th convocation through the offline (Physical mode) on 6th and 7th of November 2021 to enable the graduands and other participants to attend the convocation ceremony, by sticking on to the social distancing and other norms as stipulated by the Government at that time

As the Hon'ble Governor of Tamil Nadu was not able to attend and grace the convocation as proposed earlier, it was decided to invite Dr.B.Venkataraman, Director, IGCAR, Kalpakkam for delivering the special address on the inaugural day. Dr.B.Venkataraman was conferred honorary doctorate for his outstanding contributions in Nuclear Science and Technology on the first day of the convocation.

Dr.C.Velan, City Head – Chennai Operations, CapitaLand India Limited” has delivered special address and Dr. V. Balamurugan, Outstanding Scientist and Director, Combat Vehicles Research & Development Establishment (CVRDE), has delivered the convocation address on the second day of the convocation held on 7th November 2021.

RESOLVED ratify the sanction taken with regard to conduct of 11th Convocation on 6th and 7th November, 2021 conducted through offline mode.

FURTHER RESOLVED to ratify the Honorary degree awarded to Dr.B.Venkataraman for his outstanding contribution in the area of Nuclear Science and Technology at the 11th Convocation held on on 6th of November 2021.

50.13 To ratify and approve the action in extending the tenure of the following external members of the BoM for three years from 14.07.2021 to 13.07.2024 in anticipation of the approval by the BoM:

1. Prof. S.P. Thyagarajan
2. Prof. V. Jagadeesh Kumar
3. Prof. H.S. Shan.

The Chairperson placed a note on the subject of extension of tenure of the three external members (viz. 1. Prof.S.P.Thyagarajan, (2) Prof.V.Jagadeeshkumar and (3) Prof.H.S.Shan) for three years from 14.07.2021 to 13.07.2024 taking into consideration of their association with this Institution and their valuable contributions towards the sustained growth of this Institution, for ratification. The Chairperson requested the honourable members to accept the offer and to extend their continued support as the members of the BoM.

The External members have conveyed their acceptance and thankfulness for the offer.

RESOLVED ratify the action taken in extending the tenure of the following external members of BoM for 3 years from 14.07.2021 to 13.07.2024.

1. Prof. S.P. Thyagarajan
2. Prof. V. Jagadeesh Kumar
3. Prof. H.S. Shan.

50.14 To ratify and approve the degrees awarded at the 11th Convocation.

The details furnished by the Controller of Examinations with regard to the degrees awarded at the 11th Convocation as given below:

Table 9: 11th Convocation

S.No	Degree Programmes	No of Graduands
1.	B.TECH. REGULAR 2017- 2021 BATCH	1859
2.	B.TECH. 2015 & 2016 ARREAR (PASSED OUT BATCH)	193

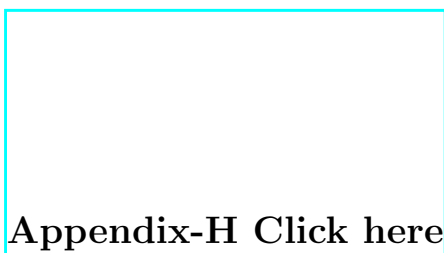
S.No	Degree Programmes	No of Graduands
3.	B.TECH. A&B REGULATION	87
4.	B.TECH. PART-TIME 2017	48
5.	B.TECH. PART-TIME PASSED OUT (ARREAR)	14
6.	M.TECH. 2019 - 2021 BATCH	102
7.	M.TECH. ARREAR (2016,17 & 18) PASSED OUT BATCH	17
8.	M.B.A 2019 - 2021 BATCH	51
9.	B.Sc. 2018 BATCH	8
10.	M.Sc. 2019 BATCH	4
11.	B.B.A 2018 BATCH	23
12.	B.COM 2018 BATCH	78
13.	B.COM, B.B.A & B.Sc ARREAR PASSED OUT BATCH	17
14.	Ph.D	39
Grant Total		2541

RESOLVED ratify the action taken in awarding degrees to 2541 graduands at the convocation held on 6th and 7th November 2021.

50.15 To ratify the recruitment based on the recommendations of the Faculty Selection Committee since the last meeting of the BoM held on September 25,2021.

The list of faculty members recruited on the basis of the recommendations of the Faculty Selection Committee since the last meeting of the BoM held on September 25, 2021 is given in the Appendix H.

H. Faculty Selection Committee



Prof. S.P Thyagarajan pointed out that it has been found that a few of the faculty members are continuing the practice of leaving the Institution every year and it would not be fair and healthy practice. He suggested that the Institution should think in terms of retention of the faculty members by conducting Exit Interview to solve their difficulties by redressing their grievances so that the Institution could avail the continuity of the services of some qualified teachers similar to the practice followed by the Institutions of the Western Countries. He suggested that a futuristic plan for the retention of the qualified faculty members could be worked out at the larger interest of the students and the Institution.

RESOLVED to ratify the recruitment of faculty members appointed based on the recommendations of the Faculty Selection Committee since the last meeting of the BoM held on September 25,2021.

FURTHER RESOLVED to evolve a futuristic plan for retention of qualified faculty members in the interest and progress of the Institution.

50.16 To report and ratify the recommendations of Faculty promotions pertaining to the assessment of qualifications and experience through Career Advancement Scheme(CAS).

The norms of promotions under CAS scheme are (1) Faculty members who possess Ph.D. with 13 years of teaching experience can be promoted as Professors and (2) The faculty members who possess Ph.D with 8 years of teaching experience are eligible for promotion as Associate Professors. The list of faculty members benefited under this CAS scheme is given in the Appendix I.

I. Career Advancement Scheme(CAS)



Prof.S.P.Thyagarajan sought clarifications as to what kind of appraisal mechanism has been followed for promotion of faculty members and raised a query whether the norms of promotions were in conformity with the UGC guidelines. He also pointed out that the promotions should be based not only on experience criteria but also based on the performance indicator and other related parameters. He instituted the need of having a unique appraisal mechanism.

In his reply to the query, Prof.A.T.Ravichandran, Dean (Academics), assured that the promotions are given according to the norms of UGC and the Institution has been conducting faculty appraisal programme every year. A special committee under the chairmanship of the Vice Chancellor would study the progress of the faculty members under specified norms and parameters. The increments are given on the basis of the performance of the faculty members in the faculty appraisal Interviews. He has stated there is a mechanism to appraise the performance of the staff of this institution periodically. Based only on the performance indicator, the faculty members are recommended for promotion under CAS and promotions are not merely based on the years of experience.

RESOLVED ratify the recommendations of Faculty promotions pertaining to the assessment of qualifications and experience through Career Advancement Scheme(CAS).

E. Items for Reporting

50.17 To report and record the status of offline/ online classes and Examinations for the academic year 2021-22.

Prof. Dr. A.T. Ravichandran Dean (Academics) informed that the academic session of summer semester of the Academic year 2021-22 started as per academic calendar through online mode for all higher semester classes of Arts and Science programme on 12th July 2021 through online MS Team platform.

As per the orders of the Govt. of Tamil Nadu, classes were started through physical mode from 6th September 2021. The Winter Semester classes started from 23rd February as per the revised academic calendar approved by the Academic Council.

The Dean (Academics) hoped that the physical mode classes would continue dynamically. The Examinations were conducted through offline mode and some examinations were conducted through online mode as well.

RESOLVED to record the note on the offline/ online classes and Examinations for the academic year 2021-22.

50.18 To report and record the model that the Institution is following for the conduct of a part of academic activities through online mode with the technologies and resources in tune with the emerging trend.

Prof. Dr. A.T. Ravichandran informed that the online mode of classes were conducted from April 2020 using ZOOM platform due to the pandemic lock down in force at that time. Initially the Zoom video conferencing was a little bit challenge. However the faculty members and students got used to it. Afterwards, the institution moved to MS Team Chats, which was so useful to conduct the online classes with the help of quiz, one minute test etc. so as to ascertain whether the students were in the class and observing the online lectures.

As the Pandemic continued, the need for developing e-content learning materials was felt and many e-content online learning materials were created and uploaded in the YouTube. Apart from that, many video contents were developed by the faculty members in YouTube. The department of CSE organized 69 modules and 25 courses, the ECE developed 14 modules and 8 courses. Similarly Bio Medical Engineering and Media departments have also developed modules and courses. The Feedback analysis from the students was done with the help of the questionnaire to know the response of the students for online classes and the difficulties faced by the students particularly, those from the rural areas with regard to the technical issues were also noticed. Prof.V.Srinivasa Rao presented the Student Feedback Analysis of the Department of CSE in detail.

Prof.S.P.Thiagarajan pointed out that the enrolment for Massive Open Online Courses (MOOC) have been increased tremendously in India after US is dominating the global growth. Currently NPTEL and SWAYAM are the platforms used in India predominantly for offering courses in the area of technical education.

He suggested that Vel Tech should think in terms of uploading e-learning contents on these portals Prof.A.T.Ravichandran replied that setting of a quality sound studio with required equipment and facilities etc., is under consideration and he assured that initiatives would be able to upload e learning contents through such portals successfully, in coming years as suggested by the external member.

RESOLVED report on the model that the Institution is following for the conduct of a part of academic activities with available resources and technologies in tune with the emerging trend.

50.19 To report and record ARIIA Ranking.

The Dean (Industry Relations) reported that the Vel Tech has been ranked in the Band-Excellent by Atal Ranking of Institutions on Innovation Achievements (ARIIA) Ranking 2021 under University & Deemed to be University (Private/Self Financed) (Technical)

RESOLVED to record the Ranking awarded by ARIIA.

50.20 To report and record the letters received from MHRD/ UGC/ AICTE/ BCI and action taken thereof.

The letters received from MHRD/ UGC/ AICTE/ BCI and action taken thereof are detailed below:

S.No	From	Ref.No and Date of receipt	Subject	Action taken
1.	AICTE	Email from AICTE dated 26.11.2021	The AICTE informed the schedule of online Expert Visiting Committee on 02.12.2021 and requested the Institution to keep the documents ready on that day in addition to the video showing /covering of facilities and to upload them in the AICTE portal in the given link.	The AICTE has postponed the meeting and the meeting was held on 21.12.2021 and the documents and video coverage etc. have been uploaded in the official link of the AICTE.

S.No	From	Ref.No and Date of receipt	Subject	Action taken
2.	AICTE	Email from AICTE dated 13.01.2022	The AICTE forwarded the observations noticed by it during EVC for remarks.	The compliance report with regard to the observations pointed out by the EVC during its visit on 21.12.2021, has been sent to the Advisor I of AICTE Head Office and to the Regional Office with a copy to Deputy Director of Regional office, AICTE on 28.01.2022.
3.	NIRF	F.No. 2 - 4 /2021 /NIRF dated 12.01.2022	The NIRF conveyed congratulations to this Institution for participating in the Ranking process and sent the certificate of Ranking duly signed by the Member Secretary,	Conveyed thankfulness for the Ranking and Certificate.

RESOLVED record the letters received from the statutory bodies such as MHRD/UGC/AICTE etc. and the action taken thereon.

F. Concluding

50.21 Any other item with the permission of the Chairperson.

No item other than those agenda items placed at the meeting, was taken up for discussion.

50.22 To consider and approve the date for holding the next meeting of the BoM.

It has been decided to hold the meeting of the next BoM in the first or second week of May 2022.

VOTE OF THANKS

Prof. E. Kannan thanked all the members of the Board of Management for attending the meeting and for offering valuable suggestions especially to the External Members for their valuable suggestions particularly with regard to the NAAC Accreditation, Ranking, NBA, CAS promotions etc. in the larger interest of this Institution.

On behalf of the Management and Authorities, Prof. E. Kannan conveyed appreciation and thankfulness to all the members for their continued support and outstanding contributions for the sustained growth of the Institution on the eve of fiftieth Meeting of the BOM.

Appendix A

50th BoM Meeting Notice



Vel Tech

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

Date:
24.01.2022

Ref. No. VT/R/MN-BoM/21-22/004-1

To

Prof. S.P. Thiyagarajan,
Chancellor,
Avinashilingam Institute for Home Science
and Higher Education for Women,
(Deemed to be University)
Coimbatore – 641 043.

Sir,

Sub: 50th Board of Management meeting to be held on
04.02.2022 – Invitation – Reg.

I am, by direction, to inform that the Vice Chancellor is pleased to convene the 50th Board of Management meeting on 04.02.2022 (FRIDAY) at 10.00 am.

It has, also, been decided to conduct the BoM meeting through online video conferencing mode with the aid of Microsoft Team application (which can be downloadable from Google Play Store).

The meeting ID and Password will be provided to the members for joining and participating in the meeting and deliberations, one day before the commencement of the meeting.

I request you to kindly make it convenient to participate in the virtual meeting of the Board of Management and offer your valuable suggestions.

Thanking you,

Yours sincerely,

REGISTRAR

Prof. Dr. E. Kannan
Registrar

Encl: Agenda of the 50th BoM Meeting.

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

No.42, Avadi-Vel Tech Road, Vel Nagar,
Avadi, Chennai – 600 062, Tamil Nadu, India.
Landline : +91 44 2684 0262 / 2684 0605
Toll Free : 1800 212 7669
Email : registrar@veltech.edu.in
Website : www.veltech.edu.in



Appendix B

49th BoM Meeting Minutes



**MINUTES OF 49th MEETING OF
BOARD OF MANAGEMENT
on 25.09.2021 AT 10.30 A.M
Mode: Video Conference**

MEMBERS

- | | |
|---|------------------------|
| 1. Prof.S.Salivahanan
Vice Chancellor.
Vel Tech | Chairperson |
| 2. Prof.V.Srinivasa Rao,
Dean, School of Computing,
Vel Tech | Dean Faculties Nominee |
| 3. Dr. V.Jayasankar
Dean-SoEC, Professor of EEE
Vel Tech. | Dean Faculties Nominee |
| 4. Dr.B.Venkatraman
Outstanding Scientist and
Associate Director,
RSEG, IGCAR Kalpakkam. | Chancellor Nominee |
| 5. Dr. H.S. Shan
Emeritus Professor, IIT Roorkee
3072, SBI Officers Society,
Sector 49-D, Chandigarh - 160047 | Chancellor Nominee |
| 6. Dr.V.Jagadeesh Kumar
Professor & Dean (Academic Courses),
Department of Electrical Engineering,
Indian Institute of Technology Madras,
Chennai-600036. | Chancellor Nominee |

- | | |
|--|-----------------------------------|
| 7. Dr.A.T.Ravichandran,
Dean (SOMC),
Professor of Mech.Engg,
Vel Tech. | Professor Nominee |
| 8. Dr.S.Sivaperumal
Dean (R&D)
Vel Tech. | Representing Associate Professors |
| 9. Mrs. Rangarajan Mahalakshmi Kishore
Chairperson and Managing Trustee.
Vel Tech. | Sponsoring Trust Nominee |
| 10. Dr. Sagunthala Rangarajan
Foundress President
Vel Tech. | Sponsoring Trust Nominee |
| 11. Prof.S.P.Thyagarajan,
Chancellor,
Avinashilingam Institute for
Home Science and Higher Education
for Women (Deemed to be University)
Coimbatore-641043. | Sponsoring Trust Nominee |
| 12. Prof.P.Radhakrishnan,
Director, PSG Institute of Advanced Studies.
Coimbatore-641004. | Sponsoring Trust Nominee |
| 13. Dr. E. Kannan
Registrar
Vel Tech. | Secretary |

MINUTES

A. Opening

49.1 To record the notice convening the 49th Board of Management (BoM) meeting scheduled on September 25, 2021.

The Chairperson in his welcome address, thanked all the members for attending the Meeting of the BoM against all odds. He informed that Dr.S.Sivaperumal and Prof.Dr.V. Jayasankar were completing the tenure of membership of BoM. He profusely thanked Dr.S.Sivaperrumal and Prof.Dr.V.Jayasankar for their invaluable contributions as members of the BoM all these years. The Chairperson briefed the academic and administrative activities which took place in the recent past. He has also informed of the advancement of ranking awarded to Vel Tech for the academic year 2020-21 from 95th position to 93rd by NIRF and assured to get better ranking in the forthcoming academic year 2021-22.

A. Meeting Notice



Appendix-A Click here

RESOLVED to record Meeting Notice conveying the members about the Meeting of the 49th meeting of the BoM be approved.

FURTHER RESOLVED to record the appreciation and thankfulness to Dr.S.Sivaperumal and Prof.Dr.V.Jayasankar for their invaluable contributions as members of the BoM.

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

Dr.B.Venkataraman has already requested for leave of absence due to official commitment and all other members were present.

RESOLVED to record the leave of absence of the Member Dr.B.Venkataraman for the BoM Meeting scheduled on September 25,2021.

49.3 To report and record the minutes of the 48th BoM meeting held on June 12, 2021.

The Minutes of the 48th meeting of the BoM is placed in the Appendix B.

B. 48th BoM Meeting Minutes**Appendix-B Click here**

RESOLVED to approve and record the Minutes of the 49th meeting of the Board of Management held on June 12,2021.

49.4 To inform the board about the actions taken based on the minutes of the 48th meeting of the BoM held on June 12, 2021.

The action taken on various items of the Agenda, discussed at the previous BoM is given in table-1:

Table 1: Action Taken Report

Item No.	Subject	Decision	Action Taken
ITEMS FOR DISCUSSIONS AND DECISIONS			
48.9-1	Research Policy	Some of the points suggested by the members are (a) There must be student enabling provisions for the research activities. (b) Formation of Cell like Project Design Support Cell to help the researchers (c) Constitution of separate committee to check plagiarism headed by the Dean (Academics). (d) The Quality Evaluation shall be made by the committee with the help of software like RMS (Research Management Software) to ensure accuracy and to save time.	1. Encouraging students to get involved in the R&D activities are covered. 2. Project Design Support Cell will be established. 3. Under the Research Ethics, Plagiarism committee headed by Dean(Research Studies) will be constituted accordingly. 4. Different Research Management Software (RMS) are being studied and would be processed. 5. The Quality Evaluation with the help of software like RMS (Research Management Software) to ensure accuracy and to save time has been incorporated.
48.9-2	Innovation and Start up Policy	The members suggested that the Models for adoption, motivating factors, Royalty, Mentoring particulars etc. of the start-up need to be elaborated	Models of adoption added (included in 1. Overall procedure), Motivating factors (incorporated in Nurturing 4.2 Incubation facility), Royalty (5.2 Income Sharing), Mentoring particulars(4.3.2 Mentoring and Advisory Services), Areas of start-ups are included.

Item No.	Subject	Decision	Action Taken
ITEMS FOR DISCUSSIONS AND DECISIONS			
48.9-3	IT Policy	In respect of I.T Policy under security features, Cyber crime has to be focused on as it becomes an important area for which guidelines and strategies are to be framed to protect against modern cyber crimes	Incorporated in the Revised IT Policy accordingly
48.15	Any other item with the permission of the Chairperson	The External member pointed out that most of the Asst. Professors appointed recently were the holders of Master's Degree only and the UGC has amended the Regulations operative from July 2021 that the Asst Professors to be appointed in the Universities should be Ph.D. holders. The Chairperson replied that it was due to paucity of Ph.D. holders, taking part in the Interviews in the recent past especially in CSE.	The Chairperson assured that the Institution would appoint Ph.D. holders for the faculty positions to the extent possible in future

RESOLVED to approve and record the Action Taken Report on the Minutes of the 48th meeting of the BoM held on June 12, 2021.

49.5 To report and record the agenda for the 49th BoM meeting scheduled on September 25, 2021.

The agenda of the 49th meeting of the BoM, scheduled on September 25,2021 is placed in the Appendix C.

C. 49th BoM Meeting Agenda



Appendix-C Click here

RESOLVED to approve and record the agenda Minutes of the 49th meeting of the BoM held on September 25, 2021.

B. Items for Consideration and Approval

49.6 To consider and approve the Minutes of the 37th Academic Council Meeting held on July 16, 2021.

The Minutes of the 37th Academic Council Meeting held on July 16, 2021 and the gist of the proceedings of the ACM given by the Dean(Academics) are given in the Appendix D and D1 respectively.

The Dean (Academics) briefed the discussions held on different subjects related to academic affairs especially the approval of credits to NCC, open elective course (10 credits), academic calendar, re-admissions, research activities, intake of students as per AICTE etc. which were in the Minutes of the Academic Council held on July 16, 2021.

Prof. Jagadeesh Kumar asked for clarification as why 10 credits out of 165 prescribed for NCC which was too high for an extra curricular course paper. Prof. Dr. E. Kannan explained that the number of credits recommended by the UGC was 24 and the decision to reduce the number of credits from 24 to 10 was taken after a lengthy meeting with the NCC officers at the Zonal Level.

Prof. S.P. Thyagarajan explained that the UGC prescribed certain extra curricular papers like NCC keeping in view that students should be motivated to join NCC and in order to give emphasis, they would have suggested more number of credits and the decision to reduce the number of credits was already decided at the joint meeting of the Institution representatives and NCC officers. He is of the view that 10 credits may be continued.

Prof. S.P. Thyagarajan while speaking on the Ranking, pointed out that it was learnt that the Ranking process was primarily based on the number of Full time Research scholars and the publications. He wanted to know the break of details for Ph.D. full time and Part time Ph.D. scholars for reference. Prof. E. Kannan replied that there are 75 full time Ph.D. scholars and 433 Part time scholars are on roll as of now. The stipend for FT scholars was increased upto the maximum of Rs. 25,000/- per month. Prof. S.P. Thiagarajan suggested that Vel Tech should explore all ways and means to attract more full time scholars for Ph.D as the progress of the Institution largely depends on the research activities and the number of Full time scholars doing research and the number of publications on research activities.

The Chairperson assured that necessary initiatives would be taken to increase the number of the full time Ph.D. scholars for the forthcoming sessions.

D1. 37th ACM Minutes



[Appendix-D1 Click here](#)

D2. GIST of the ACM



[Appendix-D2 Click here](#)

RESOLVED approve the Minutes of the 37th Academic Council Meeting held on July 16, 2021.

FURTHER RESOLVED to recommend that proper ways and means be explored to increase the number of full time Ph.D. scholars and the number of publications in the forthcoming years for satisfying the norms of the Ranking Agencies to obtain better ranking.

- 49.7 To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on June 12, 2021.**

The descriptive note on the results of the Ph.D. viva-voce conducted since the last BoM meeting held on June 12, 2021, presented by the Controller of Examinations is placed at Appendix E.

E. Ph.D. viva-voce



Appendix-E Click here

RESOLVED to approve and record the results of the Ph.D. viva-voce conducted since the last BoM meeting held on June 12, 2021.

- 49.8 To consider the proposal for conduct of 11th Convocation preferably in the month of October 2021.**

It has been proposed to conduct 11th Convocation in the month of October 2021. It has also been decided to conduct the Convocation virtually as functions and social gatherings in the campus of Educational Institutions are restricted, as per the SOP of the Govt of Tamil Nadu.

Formal invitation has been sent to the Hon'ble Governor of Tamil Nadu to be the Chief Guest of the Convocation ceremony. Arrangements will be made for conducting the convocation through online virtual mode as soon as the conformation is received from the Hon'ble Governor.

There are 2441 graduands to be awarded degrees, Gold medals are also to be awarded to the outstanding graduands at the same ceremony. It is submitted for consideration and approval of the proposal for the conduct of 11th Convocation in October 2021.

RESOLVED to approve the proposal for conduct of 11th Convocation in the month of October 2021 through online mode.

- 49.9 To consider and approve the award of degrees at the 11th Convocation to the successful students / scholars of UG, PG and Ph.D programmes, who have passed the qualifying examinations, conducted during the academic year 2021-22.

Table 2: 11th Convocation

S.No.	Degree Programmes	No. of Graduands
1.	B.TECH. REGULAR 2017- 2021 BATCH	1823
2.	B.TECH. 2015 & 2016 ARREAR (PASSED OUT BATCH)	177
3.	B.TECH. A&B REGULATION	84
4.	B.TECH. PART-TIME 2017	48
5.	B.TECH. PART-TIME PASSED OUT (ARREAR)	14
6.	M.TECH. 2019 - 2021 BATCH	90
7.	M.TECH. ARREAR (2016,17 & 18) PASSED OUT BATCH	17
8.	M.B.A 2019 - 2021 BATCH	50
9.	B.Sc. 2018 BATCH	8
10.	M.Sc. 2019 BATCH	4
11.	B.B.A 2018 BATCH	20
12.	B.COM 2018 BATCH	65
13.	B.COM, B.B.A & B.Sc ARREAR PASSED OUT BATCH	13
14.	Ph.D.	28
Grant Total		2441

RESOLVED to approve the award of degrees at the 11th Convocation to the successful students / scholars of UG, PG and Ph.D programmes, who have passed the qualifying examinations, conducted during the academic year 2021-22 at the convocation to be held in the month of October 2021.

C. Items for Discussions and Decisions

49.10 To discuss the report of the following non-statutory committees.

The reports of the Non-Statutory committees will be placed before the BoM meeting on 25.09.2021.

- 1. Faculty Grievance redressal committee**
- 2. Non -Teaching Staff Grievance redressal committee**
- 3. Dial your University**
- 4. Central Purchase Committee**

Prof. E. Kannan presented the reports of the Non-statory committees as given under the hyperlinks. While presenting the Minutes of Teachers' Redressal committee, he pointed out the disciplinary action taken on Mrs.N.Thenmozhi, a formerly faculty member and Research scholar of School of Law and the constitution of the disciplinary committee with the following members to conduct enquiry and recommend the course of action to be taken in this matter.

- 1. Prof. Dr. V.T. Ravichandran, Dean(Academic) Convener**
- 2. Prof. Dr. V. Jayasankar, Dean (SoEC) Member**
- 3. Prof. A. Subramaniam, Dean School of Law Member**
- 4. Prof. Dr. B. Jayaprabha, HoD of Mgt Science Member**

RESOLVED to approve the reports of the Non-statutory committees.

FURTHER RESOLVED that the constitution of the Disciplinary committee in anticipation of the approval of BoM be ratified.

D. Items for Ratification

49.11 To ratify the recommendations of the Faculty Selection Committee since the last meeting of the BoM held on June 12,2021.

The recommendations of the Faculty Selection Committee and the particulars of the faculty members who have been promoted under CAS or appointed through interviews since the last meeting of the BoM held on June 12,2021 are given in the Appendix F.



Appendix-F Click here

RESOLVED to approve the recommendations of the Faculty Selection since the last meeting of the BoM held on June 12,2021.

D. Items for Reporting

49.12 To report and record the methodology adopted in the conduct of offline / online classes during the academic year 2021-22.

A note of the methodology adopted in the conduct of offline / online classes during the academic year 2021-22 presented by the Dean (Academic) is given below:

The classes for all the UG and PG programmes were started from 9 August 2021 as per the Academic Calendar 2021–2022. The semester registration and Courses Registration for all students were done through Online. Due to the COVID-19 pandemic and as per the Guidelines/Directives of the UGC/State/Central Govt., all the UG/PG classes were conducted through Online mode. Every day 4 hours were allotted for online classes through the MS Team Software.

The Institution was reopened as per the Tamil Nadu Govt. order for the students of Engineering, Management, Law, Arts and Sciences programmes (both for UG and PG) for physical classes as follows:

II year & IV Year (Intensive Semester)	: 6 September 2021
III & Final Year	: 13 September 2021

TIn order to follow the Covid 19 protocol, laboratory sessions are being conducted till 25th September 2021.

In the case of CSE, IT departments, the regular classes on physical mode are being conducted.

The Continuous Assessment Test (CAT) Unit 1 was alone conducted through online mode as per the academic calendar. As the Institution has been reopened, all further CAT tests will be conducted through conventional physical mode.

Prof.S.P. Thyagarajan pointed out that the Government permitted 40% of the online classes could be conducted through online. While conducting programmes through online, good learning materials to be provided to the learners which are more supportive and useful apart from guidance to the students with regard to websites and using the communication network efficiently for this purpose. He requested that the kind of model that Vel Tech designed for this online teaching purpose may be submitted in the forthcoming meeting of the BoM.

RESOLVED to record procedure and practices followed in the conduct of offline / online classes during the academic year 2021-22.

- 49.13 To report the recommendations of faculty appraisal committee pertaining to the assessment of quality and performance of the in-service faculty members.**

Prof. A.T. Ravichandran, Dean (Academics) explained the constitution of the Appraisal committee under the chairmanship of the Vice Chancellor with Dean and Head of the respective school/department. The Questionnaire was prepared and issued to all the faculty members who have completed one year experience in Vel Tech. The details as per the Questionnaire were called in the prescribed format for assessment. Emphasis was given to publications and those who were without publications in the last two years were not recommended for the award of increment.

RESOLVED to record The recommendations of faculty appraisal committee pertaining to the assessment of quality and performance of the in-service faculty members.

- 49.14 To report and record the rankings awarded to Vel Tech by THE (The Times Higher Education) and NIRF for the academic year 2020-21.**

The descriptive note on the Rankings awarded to Vel Tech by THE (The Times Higher Education) and NIRF for the academic year 2020-21, given by Dr. R.S.Valarmathi, Dean (Quality Assurance) is as follows:

Times Higher Education (THE) World Universities Rankings 2022.

Vel Tech is ranked in the band 801-1000 in Times Higher Education World Universities Rankings 2022 for the first time out of 1662 ranked institutions in the Globe. We stand at 18th position out of 71 ranked institutions from India.

Times Higher Education is created to assess the Universities performance on the global stage and to provide a resource for readers to understand the different missions and successes of Higher Education Institutions. THE rankings cover three main missions of Universities activities: Research, Teaching and Impact. The Times Higher Education World Universities Rankings 2022 include more than 1,600 Universities across 99 countries and territories, making them the largest and most diverse Universities rankings to date.

National Institutional Ranking Framework (NIRF 2021).

Vel Tech is ranked in top 100 with 93rd position under Engineering Category, 101-150 band under Universities Category and 151-200 band under Overall Category by National Institutional Ranking Framework (NIRF) India Rankings 2021. The number of institutions participated in NIRF India Rankings for 2020-2021 under Overall Category and Engineering Category are 1657 and 1143 respectively.

This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations and broad understanding arrived at by a Core Committee set up by MoE, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover Teaching, Learning and Resources, Research and Professional Practices, Graduation Outcomes, Outreach and Inclusivity and Perception.

The methodology and parameters involved in the process of Ranking, presented by Prof. R.S. Valaramathi Dean (Quality Assurance) is placed at Appendix G.

G. Ranking Parameters



Appendix-G Click here

RESOLVED to record the rankings awarded to Vel Tech by THE (The Times Higher Education) and NIRF for the academic year 2020-21.

49.15 To report and record the Annual Report of Vel Tech for the academic year 2020-21.

The draft Annual Report 2020-21 is placed at Appendix G.

Prof. E. Kannan presented the draft copy of the Annual Report of the Academic Year 2020-21. He explained some of the important features of the Annual Report given under Research Consultancy, Research Proposal, TBI, Placement activities, Club Activities etc.

H. Annual Report-Draft**Appendix-H Click here**

RESOLVED to record the draft Annual Report of Vel Tech for the academic year 2020-21.

49.16 To report and record the letters received from MHRD/ UGC/ AICTE/ BCI and action taken thereof.

Prof. E. Kannan presented the letters received from MHRD/ UGC/ AICTE/ BCI and action taken thereof.

S.No	From	Ref.No and Date of receipt	Subject	Action taken
1.	UGC	D.O.No.F.1-46/2020/NAD/Digilocker dated 14 th July 2021	Implementation of National Academic Depository (NAD) – Procedures to be adopted for uploading academic records digitally in the digilocker platform	The Institution has already entered into the Agreement with NAD / Digilocker and all the academic certificates are digitally lodged for the last six months following the methodologies as recommended by the UGC. A reply has been sent to UGC stating that this Institution has been lodging the academic certificates in the digilocker platform from March 2021 onwards.
2.	Dept of Economics and Statistics, Govt. of TN	No. 10339/P/2020-21-1 Dated 20-07-2021	For the purpose of compilation of Statistical Hand Book of Tamil Nadu 2022 for – the Commissioner of Department of Economics and Statistics called for particulars of community wise students and teachers of Vel Tech	The community wise particulars of students and teachers in the prescribed format provided by this Department have sent on 19.08.2021.

S.No	From	Ref.No and Date of receipt	Subject	Action taken
3.	BCI	BCIT:D:32/2021/ Circular No. 1/2021(281) dated 09.08.2021	Purchase of Back Volumes of Law Journals – Indian Bar Review (Hand bound cloth binding) from 1983 to 2018 (on discount rates) amounting to Rs. 1,08,000/- from BCI	All the Back Volumes of Law Journals - Indian Bar Review from 1983 to 2018 have been purchased.
4.	BCI	BCI:D:109/2021/ (LE/App/Affin) dated 16.09.2021	Extension of provisional temporary affiliation to Vel Tech Rangarajan Dr. Sagunthala R D Institute of Science and Technology for Five Year BA LL.B (H) as well as five year B.Com.LL.B (H) integrated Law Courses for the academic year 2021-22 with the prevalent / existing sections with intake of not more than 60 students in one section.	BCI accorded permission for Extension of temporary approval to Vel Tech.

RESOLVED to record the letters received from MHRD/ UGC/ AICTE/ BCI and action taken thereof.

F. Concluding

49.17 Any other item with the permission of the Chairperson.

Prof. H.S. Shan sought clarification as to the decrease in the number of students in PG Courses and the economic viability to running the courses. He suggested that the programmes with the lesser number of students may not be closed and the ways and means to how students could be attracted to join these courses by giving some emphasis and concessions in terms of fee etc. should be explored so that we can retain many specialized courses particularly at the PG level.

The Dean(Academics) stated that some of the courses for which the intake was continuously poor in the recent years have been closed and one such course was B.Tech. in Automobile Engineering. As far as the PG programmes are concerned, advertisements are given highlighting facilities such as Lab, TBI, centre of excellence etc. He ensured that necessary initiatives could be taken in this regard.

49.18 To consider and approve the date for holding the next meeting of the BoM.

It has been decided to hold the next meeting of the BoM in the first week of January 2022 and to inform the members regarding the exact date and time as soon as it is finalized.

Vote of Thanks.

Prof.E.Kannan thanked all the members of the BoM especially the External Members for making themselves for the meeting and for offering valuable suggestions. He also thanked Dr. S. Sivaperumal and Prof.Dr.V.Jayasankar for their exemplary performance and contribution as the members of the Board for all these years.

With the Vote of thanks, the meeting has come to a close.

Appendix C

50th BoM Meeting Agenda



Fiftieth Meeting of the Board of Management
to be held on February 04, 2022 at 10.00 a.m.
through online
(Video Conferencing mode)

Agenda Item	
50.1	To record the notice convening the 50 th Board of Management (BoM) meeting scheduled on February 04, 2022.
50.2	To record the leave of absence of the Members of the Board of Management
50.3	To report and record the minutes of the 49 th BoM meeting held on September 25, 2021.
50.4	To inform the board about the actions taken based on the minutes of the 49 th BoM meeting held on September 25, 2021.
50.5	To report the agenda for the 50 th BoM meeting scheduled on February 04, 2022.
<i>B. Items for Consideration and Approval</i>	
50.6	To consider and approve the minutes of 38 th Academic Council meeting held on December 23, 2021.
50.7	To consider and approve the minutes of 27 th Finance Committee Meeting held on November 13, 2021.
50.8	To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on September 25, 2021
<i>C. Items for Discussions and Decisions</i>	
50.9	To discuss the activities connected with Industry relations during the academic year 2021-22.

50.10	To discuss the status of NAAC second cycle.
50.11	To discuss the status of NBA Pre Qualifier in respect of the following departments I. Aeronautical Engineering II. Electrical and Electronics Engineering III. Mechanical Engineering
<i>D. Items for Ratification</i>	
50.12	To ratify the 11 th Convocation on 6 th and 7 th November, 2021 conducted through offline mode.
50.13	To ratify and approve the degrees awarded at the 11 th Convocation
<i>E. Items for Reporting</i>	
50.14	To report and record the status of offline/ online classes and Examinations for the academic year 2021-22.
50.15	To report and record the model that the Institution is following for the conduct of a part of academic activities through online mode with the technologies and resources in tune with the emerging trend.
50.16	To report and record ARIA and QS rankings.
50.17	To report and record the letters received from MHRD/ UGC/ AICTE/ BCI and action taken thereof.
<i>F. Concluding</i>	
50.18	Any other item with the permission of the Chairperson
50.19	To consider and approve the date for holding the next meeting of the BoM
Vote of Thanks	

Appendix D

38th ACM Minutes



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



**THIRTY EIGHTH MEETING
OF
THE ACADEMIC COUNCIL**
Thursday, December 23, 2021

MINUTES

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38.5 To consider and approve the changes proposed in Regulations of Post Graduate Arts and Science Programmes VTR - PGAS - 2022.	2
38.6 To consider and approve the minutes of 22 nd meeting of the Research Board.	3
38.7 To ratify the admissions under Re-Admission / Lateral Entry category for Summer Semester of the Academic Year 2021-22.	3
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38.9 To ratify the Revised Academic Calendar of UG & PG programmes for the Academic Year 2021-22.	4
38.10 To ratify the admissions of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Summer semester of the Academic Year 2021-22.	5
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38.12 To report the admission status of Under Graduate(UG) and Post Graduate(PG) level in Engineering and Technology/ Law / Management / Science / Humanities /Arts for the Academic Year 2021-22.	7
38.13 To report the results of the Ph. D. viva voce conducted since last Academic Council held on July 16, 2021.	7
38.14 To report and record the internship programmes of students and faculty members through the office of Industry and International relations.	10
38.15 To report the status of the on-going academic sessions of the summer semester of Academic year 2021-22.	12

38.16To record the note on the proceedings of the "11 th Convocation" held on Novem-	
ber 6 and 7, 2021.	12
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MINUTES OF THE 38th MEETING OF THE ACADEMIC COUNCIL

Thursday, December 23, 2021, at
10.30 a.m.

The Vice Chancellor welcomed all the members and highlighted the achievements of the Institution deemed to be university.

A. Opening

38.1 Call to Order and Approval of Agenda of the 38th meeting of the Academic Council.

The Chairperson called to order and placed the agenda for confirmation which was circulated to members by e-mail.

The Council confirmed the agenda.

38.2 Confirmation of the minutes of 37th meeting of the Academic Council held on July 16, 2021.

The minutes of the 37th meeting of the Academic Council held on July 16, 2021 were circulated to the members.

The draft minutes of the 37th meeting of the Academic Council can be accessed [here](#)



Appendix A

The minutes were confirmed.

38.3 To review the Action Taken Report on the minutes of the 37th meeting of the Academic Council held on July 16, 2021.

The Chair, places before the Academic Council to consider the Action Taken Report in respect of the 37th meeting of the Academic Council as described in Table 1.

Table 1: Action Taken Report in respect of 37th meeting of the Academic Council held on July 16, 2021.

S.No	Decision Taken	Action Taken Report
1	Item No 37.07 - Page 13 To consider the proposal of inclusion of NCC as an Elective course as per the directive of the UGC: (a) The inclusion of 10 credit for NCC under Institute Elective Category under the Regulations VTUR15.	Approved and Implemented with effect from Summer semester of the Academic Year 2021-22

S.No	Decision Taken	Action Taken Report
	(b) Allocation of 12 credits for NCC to be prescribed under Open Elective category under Regulations VTR UGE 2021.	

The Council approved the Action Taken Report.

38.4 To record leave of absence of the members.

All the members were present.

The list of members attended the 38th meeting of the Academic Council can be accessed [here](#)



Appendix Attendance

B. Items for Consideration

38.5 To consider and approve the changes proposed in Regulations of Post Graduate Arts and Science Programmes VTR - PGAS - 2022.

* VTR - PGAS - 2022 for Post-graduate (PG) – Arts and Science

The Vice Chancellor placed before the Academic Council to consider the changes proposed in Regulations of Post Graduate Arts and Science Programmes VTR - PGAS - 2022.

Dr. A. T. Ravichandran, Professor & Dean Academics, presented the recommendations on the Regulations VTR - PGAS - 2022 for Post-graduate (PG) – Arts and Science.

The draft Regulations (VTR - PGAS - 2022) can be accessed [here](#)



Appendix B

- **Dr. OR. Nandagopan**, Outstanding Scientist & Director, Naval Science & Technological Laboratory, suggested to include 1 credit for Research Publication and Introduce few courses related to Quality and Reliability in curriculum.
- **Mr. Ramakrishna**, Chief Executive Officer and Managing Director - Effronics Systems Pvt.Ltd, has suggested the following items:
 - * Course related to Artificial Intelligence and Python applications may be added.
 - * Curriculum is to be prepared for making students to learn for future.
 - * Infographics is a new way of communication, may be introduced in M.A. English.
 - * Internship may be considered at the end of Second Semester.

Dr. A. T. Ravichandran, Professor & Dean Academics, has assured that all the suggestions will be placed in the respective BoS for considerations and recommendations.

Dr. A. T. Ravichandran, Professor & Dean Academics, moved the changes proposed in Regulations of Post Graduate Arts and Science Programmes VTR - PGAS - 2022.

Dr. P. ChandraKumar, Dean, Industry Relations, seconded it.

The motion was carried and the members approved.

38.6 To consider and approve the minutes of 22nd meeting of the Research Board.

The Chair, placed before the Academic Council to consider the report of 22nd meeting of the Research Board.

Dr. S. Koteeswaran, Professor & Dean - Research Studies, presented the report of the 22nd meeting of the Research Board held on December 22, 2021.

The Minutes of the 21st Research Board can be accessed [here](#)



Appendix B

Dr. S. Koteeswaran, Professor & Dean - Research Studies, moved the resolution that the report of the 22nd meeting of the Research Board, be approved.

Dr. M. Sivakumar, Dean, Freshman Engineering, seconded it.

The motion was carried.

C. Items for Ratification

38.7 To ratify the admissions under Re-Admission / Lateral Entry category for Summer Semester of the Academic Year 2021-22.

The Chair, placed before the Academic Council to ratify the list of students admitted through "Re-Admission / Lateral Entry category" in Summer Semester of the Academic Year 2021-22 as listed in the Table.

Dr. E. Kannan, Professor & Registrar, presented the list of students admitted through "Re-Admission / Lateral Entry category" in Summer Semester of the Academic Year 2021-22.

The list of students admitted through "Re-Admission/Lateral Entry category" in WS - AY20-21 can be accessed [here](#)



Appendix C

Dr.E. Kannan, Professor & Registrar, moved the resolution that the list of students admitted through "Re-Admission / Lateral Entry category" in Summer Semester of the Academic Year 2021-22, be ratified.

Dr. A. Subrahmanyam, Professor & Dean, School of Law, seconded it.

The motion was carried.

38.8 To ratify the examination results of Semester End Examination held during the Winter Semester of AY 2020-21.

The Chair, placed before the Academic Council to record the result analysis Semester end examination held during Winter Semester of the Academic Year 2020-21.

Dr. R. Sivaraman, Controller of Examinations, presented the UG / PG Programmes result analysis of the courses offered in Winter Semester of AY 2020-21.

Result Analysis can be
accessed [here](#)



**Appendix Result
Analysis**

Dr. R. Sivaraman, Controller of Examinations, moved the resolution that the result analysis of the semester end examination held during Winter Semester of the Academic Year 2020-21, be ratified.

Dr. P. Chandrasekar, Head, Department of Electrical & Electronics Engineering, seconded it.

The motion was carried.

38.9 To ratify the Revised Academic Calendar of UG & PG programmes for the Academic Year 2021-22.

The Chair, placed before the Academic Council to consider the Revised Academic Calendar for the Academic Year 2021-22 for Under-graduate (UG) and Post-graduate (PG) level programmes for intermediate year & first year students.

Dr. A. T. Ravichandran, Professor & Dean Academics, presented the Revised Academic Calendar for the Academic Year 2021-22 for Under-graduate (UG) and Post-graduate (PG) level programmes for intermediate year & first year students.

The Revised Academic Calendar
for AY2020-21 can be accessed [here](#)



**Appendix Academic
calendar**

Dr. A. T. Ravichandran, Professor & Dean Academics, moved that the Revised Academic Calendar for the Academic Year 2021-22 for Under-graduate (UG) and Post-graduate (PG) level programmes for intermediate year & first year students, be ratified.

Dr. V. Srinivasa Rao, Professor & Dean, School of Computing, Computer Science & Engineering, seconded it.

The motion was carried.

38.10 To ratify the admissions of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Summer semester of the Academic Year 2021-22.

The Chair, placed before the Academic Council to ratify the admissions of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Summer semester of the Academic Year 2021-22.

Dr. S. Koteeswaran, Professor & Dean - Research Studies, presented the admissions of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Summer semester of the Academic Year 2021-22.

The Admission status for AY

2020-21 can be accessed [here](#)



**Appendix Admission
Status**

Dr. S. Koteeswaran, Professor & Dean - Research Studies, moved that the the admissions of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Summer semester of the Academic Year 2021-22.

Dr.V.Jayasankar, Professor & Dean School of Electrical and Communication, seconded it.

The motion was carried.

38.11 To ratify the approval of the BoS for syllabus of the courses to be handled by the experts from industries/faculty of higher learning institutions.

The Chair, placed before the Academic Council to ratify the approval of the BoS for syllabus of the courses handled by the experts from industries/faculty of higher learning institutions.

1. List of courses handled by Experts from Industries

Dr. P. Chandrakumar, Professor & Dean - Industry Relations, presented the approval of the BoS for syllabi of the courses handled by the experts from industries during the Summer semester of the AY 21-22.

List of courses can be accessed [here](#)



**Appendix Industry
Courses**

Summary Note:

Table 3: Summary of courses handled by Experts from Industries

S.No	Department	Total No. of course	Total No. of Student Registered
1	Automobile	1	53
2	Biomedical	1	48
3	Biotech	1	73
4	Civil	4	232
5	CSE	8	616
6	ECE	9	814
7	EEE	1	63
8	Mechanical	2	120
Grand Total		27	2019

Dr. P. Chandrakumar, Professor & Dean - Industry Relations, moved the approval of the BoS for syllabi of the courses handled by the experts from industries, be ratified.

Dr. P. Esthar Rani, Professor & Head, Department of Electronics and Communication Engineering, seconded it.

The motion was carried.

2. List of courses handled by Experts from faculty of higher learning institutions

Dr. P. Suresh, Professor & Dean - International Relations, presented the approval of the BoS for syllabi of the courses handled by the experts from faculty of higher learning institutions during the Summer semester of the AY 21-22.

List of courses can be accessed [here](#)



Appendix Courses offered by International faculties

Summary Note:

Table 4: Summary of courses handled by Experts from faculty of higher learning institutions

S.No	Department	Country	No. of Courses	Total No. of Students Registered
1	Aeronautical Engineering	Taiwan	1	44
2	Civil Engineering	Malaysia	1	41
3	Computer Science and Engineering	Malaysia	1	80
		UK	2	97
		USA	4	152
Grand Total			9	414

Dr. P. Suresh, Professor & Dean - International Relations, moved the approval of the BoS for syllabi of the courses handled by the experts from faculty of higher learning institutions during the Summer semester of the AY 21-22, be ratified.

Dr.N. Lenin, Professor & Head, Department of Mechanical Engineering, seconded it.

The motion was carried.

D. Items for Reporting

38.12 To report the admission status of Under Graduate(UG) and Post Graduate(PG) level in Engineering and Technology/ Law / Management / Science / Humanities /Arts for the Academic Year 2021-22.

The Chair, placed before the Academic Council to report the admission status of Under Graduate(UG) and Post Graduate(PG) level in Engineering and Technology/ Law / Management / Science / Humanities /Arts for the Academic Year 2021-22.

Dr. E. Kannan, Professor & Registrar, presented the report on the admission status of Under Graduate(UG) and Post Graduate(PG) level in Engineering and Technology/ Law / Management / Science / Humanities /Arts for the Academic Year 2021-22.

The Admission status of AY 20-21 can be

accessed [here](#)



Appendix C

Dr. E. Kannan, Professor & Registrar, moved the report on the admission status of Under Graduate(UG) and Post Graduate(PG) level in Engineering and Technology/ Law / Management / Science / Humanities /Arts for the Academic Year 2021-22, be ratified.

Dr. A. T. Ravichandran, Professor & Dean Academics, seconded it.

The motion was carried.

38.13 To report the results of the Ph. D. viva voce conducted since last Academic Council held on July 16, 2021.

The Chair, placed before the Academic Council to ratify the results of the Ph.D. viva voce conducted since last Academic Council held on July 16, 2021.

Dr. R. Sivaraman, Controller of Examinations, presented the results of the Ph.D. viva voce conducted since last Academic Council held on July 16, 2021.

Ph.D. viva voce list can be accessed

[here](#)



Appendix Ph.D. List

Table 5: Ph.D viva-voce completed candidate name list

S.No	Dept	Name	Viva voce Date	Supervisor Name	Title
1	CSE	Mr. Arvind Madhukar Jagtap	15.7.2021	Dr.N.Gomathi	Energy Efficient Movement for Target Coverage and Network Connectivity in Mobile Sensor Networks for Crop Weed Classification
2	ECE	Mr.R.Sanmu-ga Sundaram	21.7.2021	Dr. S. Nata- -rajan	Design and Development of Electromagnetic Bandgap Structure based Antennas for UWB/ ISM Band Applications
3	MECH	Mr.Tesfaye Kebede Ali	22.7.2021	Dr. E.Bala-subramanian	Experimental Investigations and Optimization Studies for Enhancing Compressive and Impact Strengths of SIS Parts
4	ECE	A Maheswary	4.8.2021	Dr S. Baskar	Diagrammatic Cipher Encryption for Manets
5	ECE	Shailendra Kumar Mishra	5.8.2021	Dr. Hiran Kumar Singh	Brain Tumor Classification by the combination of Different Wavelet Transforms and Support Vector Machine
6	CIVIL	Jemal Aliy Gobena	25.8.2021	Dr. G. Kumar	Evaluation of Strength Characteristics of Tropical Expansive Soil using Different Additives
7	EEE	D.Venkata Ramana	27.8.2021	Dr. P. Chandrasekar	Development of an Early Diagnosis System for External Faults on Three Phase Inverter Fed Induction Motor Drive
8	CSE	Senthil Kumar N.K.	3.9.2021	Dr.N.Malar-vizhi	Sentiment Analysis using Convolutional Neural Networks and Bi-Directional Long Short Term Memory with Part of Speech Tagging
9	EEE	S. Siva kumar	5.9.2021	Dr. S. Baskar	Design and Development of Smart Energy Management System using IoT with Cyber Security and GSM for Hybrid Power Generation
10	CSE	N.Raj kumar	6.9.2021	Dr. E. Kannan	Security Enhancement for Collusion Resistance in Group based Cloud Data Sharing using Key Management Technique
11	PHY-SICS	C.Sarala Rubi	16.9.2021	Dr.J.Udaya Prakash	Optimization of Process Parameters in Drilling of Hybrid Aluminium Matrix Composites

Table 5: Ph.D viva-voce completed candidate name list

S.No	Dept	Name	Viva voce Date	Supervisor Name	Title
12	ECE	Mr.Murali Kalipindi	18.9.2021	Dr. Siva perumal S	Parametric Analysis of Power domain NOMA in Wireless 5G Communications
13	CSE	Mr.Wagh Mukund Baburao	23.9.2021	Dr.N.Gomathi	Design and Development of Optimization based Route Discovery Phase for Effective Routing in VANET
14	ENG-LISH	Prema S	29.9.2021	Dr. Aruna Arputhamalar	Enunciating the Quest of the Indian Society: An Analysis of Sudha Murthy's Novels
15	MATH EMATICS	S. Sree lakshmi	30.9.2021	Dr.S.Udaya baskaran	Studies on some Two-Stage Stochastic Models of Carcinogenesis
16	MECH	R.Ramesh Kumar	1.10.2021	Dr. J.M. Babu	Investigation on Mechanical Strength and Joint Behaviour of Friction Welding Process by using Ti-6Al-4V and SS304L
17	CSE	Aswathy RH	7.10.2021	Dr.N.Malar -vizhi	An IoT Based Multiphase Identity Authentication Model for E-Health Monitoring System
18	MECH	Syed Riyaz Ahammed	8.10.2021	Dr. A S Praveen	3D Printing of Multiwalled Carbon Nanotube/Polyvinyl Alcohol Composites for Electronic Circuit Applications
19	ECE	Anil G L	9.10.2021	Dr. Mazher Iqbal J L	Implementation of Secure and Energy Efficient Routing Protocol in WSN using Search and Distributed Algorithms Hybridization
20	CSE	AmolKumar N Jadhav	18.10.2021	Dr.N.Gomathi	Design and Development of Kernel-Based Data Clustering Algorithms using Hybrid Optimization Methods
21	MECH	Ajaj Rashid Attar	28.10.2021	Dr. M. Arul prakasajothi	Design and Development of Steam Community Cooking System, Integrating Reliable and Low-Cost Solar System
22	MECH	Madhu sudhana Reddy B	17.9.2021	Dr. Anand P	Development of AL 5056/ CNT Nano Composite and Process Parameter Optimization in the Wire Electrical Discharge Machining

Dr. R. Sivaraman, Controller of Examinations, moved the results of the Ph. D. viva voce conducted since last Academic Council held on July 16, 2021, be ratified.

Dr. Manoj.V.R, Head, Department of Bio Technology, seconded it.

The motion was carried.

38.14 To report and record the internship programmes of students and faculty members through the office of Industry and International relations.

The Chair, placed before the Academic Council to report and record the internship programmes of students and faculty members through the office of Industry and International relations during the AY 21-22.

1. List of students undergoing Internship through the office of Industry Relations.

Dr. P. Chandrakumar, Professor & Dean - Industry Relations, presented the list of students attending Internship through the office of Industry Relations.

Internship programmes can be accessed [here](#)



Appendix Internship programmes

Summary Note:

Table 6: Statistics of students undergoing Internship through the office of Industry Relations

S. No	Department	Industries	Students
1	CSE	18	90
2	IT	1	2
3	ECE	18	161
4	EEE	6	16
5	Biotech	2	7
6	Biomedical	2	7
7	AERO	4	25
8	AUTO	1	10
9	CIVIL	6	19
10	MECH	18	79
Total		76	416

Dr. P. Chandrakumar, Professor & Dean - Industry Relations, moved the internship programmes of students through the office of Industry relations, be reported.

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

The motion was carried.

2. List of students undergoing Internship through the office of International Relations

Dr. P. Suresh, Professor & Dean - International Relations, presented the list of students undergoing Internship through the office of International Relations during the Academic Year 21-22.

Internship programmes can be

accessed [here](#)



Appendix Internship

Summary Note:

Table 7: Statistics of students undergoing Internship through the office of International Relations

S.No	Department	Batch	Country	No of Student	Total
1	Aero	2020	France	3	14
			Singapore	1	
			Taiwan	7	
		2022	Canada	2	
			Singapore	1	
2	Auto	2020	France	1	1
3	Bio Medical	2021	Taiwan	1	2
		2022	Canada	1	
4	Biotech	2022	Canada	3	3
5	CSE	2020	Taiwan	3	11
		2021	Singapore	2	
			Switzerland	1	
			Taiwan	1	
			USA	1	
		2022	Canada	3	
6	ECE	2020	Taiwan	8	17
		2021	South Korea	6	
		2022	Canada	3	
7	EEE	2020	Taiwan	3	4
		2022	Canada	1	
8	IT	2020	Taiwan	2	3
		2022	Canada	1	
9	Mech	2020	France	1	6
			Germany	1	
			Japan	1	
			Malaysia	1	
		2022	Canada	1	
			Singapore	1	
		Total		61	

Dr. P. Suresh, Professor & Dean - International Relations, moved the internship programmes of students through the office of International relations, be reported.

Dr. G. Sasikala, Professor, Department of Electronics and Communication Engineering, seconded it.

The motion was carried.

38.15 To report the status of the on-going academic sessions of the summer semester of Academic year 2021-22.

The Chair, placed before the Academic Council to report the status of the on-going academic sessions of the summer semester of Academic year 2021-22.

Summary Note:

The academic session of the summer semester of academic year 21-22 started as per the academic calendar through Online mode for all the higher semester of UG and PG programmes on August 9, 2021 and for the UG higher semester of Arts and Sciences programmes on July 12, 2021 through MS Team app.

As per the Govt. of Tamil Nadu order, the classroom mode (physical classes) teaching has started from September 6, 2021 for all programmes by following the Covid 19 guidelines of Govt. of Tamil Nadu and Higher Education Department. The first year classes also started through physical mode from September 6, 2021. All the practical sessions were conducted in the physical mode. The semester end examinations by pen and paper method for the regular theory courses will be conducted from January 3, 2022.

Dr. A. T. Ravichandran, Professor & Dean - Academics, moved the status of the on-going academic sessions of the summer semester of Academic year 2021-22, be reported.

Dr. R. Jagan Raj, Head, Department of Aeronautical Engineering, seconded it.

The motion was carried.

38.16 To record the note on the proceedings of the "11th Convocation" held on November 6 and 7, 2021.

The Chair, placed before the Academic Council to record the note on the proceedings of the "11th Convocation" held on November 6 and 7, 2021.

Dr.E. Kannan, Professor & Registrar, presented the note on the proceedings of the "11th Convocation" held on November 6 and 7, 2021.

note on the proceedings can be accessed [here](#)



Appendix "11th Convocation" proceedings

Summary Note:

The Eleventh convocation of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology was held at the Convocation Hall of this Institution on 6th and 7th of November 2021, considering the Covid 19 protocol and large number of graduands taking part in the convocation. There were 2,541 graduands received their degrees in the convocation including 14 Gold Medalists.

- **Proceedings on 06.11.2021**

After the conventional procedures such as Assemblage of the Members, wearing robes, academic procession, the ceremony started with Invocation “Tamil Thai Vaazhthu”. It was approved for admission to the Honorary Degree to Dr. B. Venkatraman, Director, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam. The Chief Guest of the Convocation and also for admission of the candidates to medals, awards, and the various degrees of different faculty. Upon the Chancellor assenting, the supplication of graces, proceedings commenced.

Prof. S. Salivahanan, Vice Chancellor in his welcome address pointed out the achievements of the institution.

Dr. B. Venkatraman, Director, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, has been awarded with Doctor of Philosophy (Honoris Causa) at the Convocation. The Chairperson and Managing Trustee of the Institution presented the certificate to Dr B. Venkataraman. After receiving the Doctoral Certificate, Dr B Venkataraman delivered the convocation address, In his address, he praised the Institution for its achievements such as acquiring ‘A’ Grade by the NAAC, MoUs with more than 210 Industries. The Chief Guest advised the students to focus on the dreams of innovations, take calculated risk and to be sincere to the parents and the Institution which nurture them for their successful future. He congratulated the graduands a bright future and success in all their endeavors.

• **Proceedings on 07.11.2021**

Dr. V. Balamurugan, Outstanding Scientist and Director, Combat Vehicles Research & Development Establishment (CVRDE), DRDO, Ministry of Defence, Avadi, Chennai and Dr. C. Velan, City Head – Chennai Operations, CapitaLand India Limited” have been invited Chief Guest and Guest of Honour respectively for the convocation proceedings on 7 November 2021.

In his convocation speech, Dr. V. Balamurugan emphasis collaborative activity between academia and Industries to promote growth and development. He appeal to the Universities to design world class technologies to meet the challenges. He appreciated Vel Tech for the outstanding support to the researchers with the existing facilities in the campus. At this context, he specified various projects and collaborative plans that the DRDO are having at the moment DRDO is always encouraging the participation of academia and Industries in all possible ways in the modern Missile Technology and many others technologies under the thrust areas.

In his special address, Dr. C. Velan advised the graduands to focus on three aspects

- To enhance skill sets with the basic acquired education.
- To develop innovate ideas and technologies.
- To stay socilally and environmentally connected in the present digital world.

He appreciated Vel Tech for providing all possible help and support to the young generation.

He wished the graduands to excel in every walk of their professional career.

After the distribution of medals and degree certificates, the 11th convocation came to close with vote of thanks.

- **The following is the list of Degrees awarded in 11th Convocation.**

After the award of medals and degrees, the 11th convocation came to close with Vote of Thanks.

Table 8: Statistics of Graduates received their Degree in the 11th Convocation

SI.NO	CONTENTS	COUNT
1	B.TECH. REGULAR 2017- 2021 BATCH	1859
2	B.TECH. 2015 & 2016 ARREAR (PASSED OUT BATCH)	193
3	B.TECH. A&B REGULATION	87
4	B.TECH. PART-TIME 2017	48
5	B.TECH. PART-TIME PASSED OUT (ARREAR)	14
6	M.TECH. 2019 - 2021 BATCH	102
7	M.TECH. ARREAR (2016,17 & 18) PASSED OUT BATCH	17
8	M.B.A 2019 - 2021 BATCH	51
9	M.B.A PASSED OUT BATCH	1
10	B.Sc. 2018 BATCH	8
11	M.Sc. 2019 BATCH	4
12	B.B.A 2018 BATCH	23
13	B.COM 2018 BATCH	78
14	B.COM, B.B.A & B.Sc ARREAR PASSED OUT BATCH	17
15	Ph.D	39
TOTAL		2541

Dr.E. Kannan, Professor & Registrar, moved the note on the proceedings of the "11th Convocation" held on November 6 and 7, 2021, be reported.

Dr.R.S. Valarmathi, Professor & Dean - Quality Assurance, seconded it.

The motion was carried.

38.17 To record the Graduation Analysis in respect of the passed out students of 2020-21 batch.

The Chair, placed before the Academic Council to record the Graduation Analysis in respect of the passed out students of 2020-21 batch.

Dr. A. T. Ravichandran, Professor & Dean - Academics, presented the Graduation Analysis in respect of the passed out students of 2020-21 batch.

Summary Note:

Table 9: Statistics about Division awarded for B.Tech Graduates

S.No	Department	FIRST CLASS WITH DISTINCTION	FIRST CLASS	SECOND CLASS	Total
1	Aeronautical Engineering	20	48	-	68
2	Automobile Engineering	13	27	-	40
3	Biomedical Engineering	4	19	-	23
4	Biotechnology	9	21	-	30
5	Civil Engineering	13	63	-	76
6	Computer Science & Engineering	309	492	-	801
7	Electrical and Electronics Engineering	14	27	-	41
8	Electronics & Communication Engineering	128	319	-	447
9	Information Technology	2	39	-	41
10	Mechanical Engineering	73	219	-	292
	Grand Total	585	1274	-	1859

Table 10: Statistics about CGPA obtained by B.Tech. Graduates

S.No	Department	6.5 to 7.5	7.5 to 8.5	8.5 Above	Total
1	Aeronautical Engineering	13	41	14	68
2	Automobile Engineering	10	20	10	40
3	Biomedical Engineering	14	5	4	23
4	Biotechnology	7	16	7	30
5	Civil Engineering	28	40	8	76
6	Computer Science & Engineering	143	447	211	801
7	Electrical and Electronics Engineering	12	21	8	41
8	Electronics & Communication Engineering	163	214	70	447
9	Information Technology	25	15	1	41
10	Mechanical Engineering	64	180	48	292
	Grand Total	479	999	381	1859

Table 11: Statistics about Division awarded for M.Tech Graduates

S.No	Department	Name of the Programme	FIRST CLASS WITH DISTINCTION	FIRST CLASS	SECOND CLASS	Total
1	AERO	AERONAUTICAL ENGINEERING (UNMANNED AERIAL VEHICLES)	2	NIL	NIL	2
2	AUTO	AUTOMOBILE ENGINEERING	23	1	NIL	24
3	CIVIL	CONSTRUCTION ENGINEER-ING AND MANAGEMENT	2	2	NIL	4
4	CIVIL	ENVIRONMENTAL ENGINEERING	2	1	NIL	3
5	CIVIL	GEOTECHNICAL ENGINEERING	5	NIL	NIL	5
6	CIVIL	STRUCTURAL ENGINEERING	9	2	NIL	11
7	CSE	BIG DATA ANALYTICS	NIL	2	NIL	2
8	CSE	COMPUTER SCIENCE AND ENGINEERING	2	NIL	NIL	2
9	CSE	NETWORK ENGINEERING	1	NIL	NIL	1
10	ECE	EMBEDDED SYSTEMS AND TECHNOLOGIES	4	NIL	NIL	4
11	EEE	POWER ELECTRONICS	4	1	NIL	5
12	IT	INFORMATION AND CYBER SECURITY	NIL	1	NIL	1
13	MECH	CAD/CAM	1	NIL	NIL	1
14	MECH	INDUSTRIAL ENGINEERING	7	NIL	NIL	7
15	MECH	INDUSTRIAL SAFETY AND ENGINEERING	8	3	NIL	11
16	MECH	MACHINE DESIGN	5	NIL	NIL	5
17	MECH	METALLURGICAL AND MATERIAL SCIENCE EN-GINEERING	5	NIL	NIL	5
18	MECH	ROBOTICS	NIL	1	NIL	1
19	MECH	THERMAL ENGINEERING	6	2	NIL	8
Grand Total			86	16	NIL	102

Table 12: Statistics about CGPA obtained by M.Tech Graduates

S.No	Department	Name of the Programme	6.5 below	6.5 to 7.5	7.5 to 8.5	8.5 and Above	Total
1	AERO	AERONAUTICAL ENGINEERING (UNMANNED AERIAL VEHICLES)	NIL	NIL	1	1	2
2	AUTO	AUTOMOBILE ENGINEERING	NIL	NIL	4	20	24

Table 12: Statistics about CGPA obtained by M.Tech Graduates

S.No	Department	Name of the Programme	6.5 below	6.5 to 7.5	7.5 to 8.5	8.5 and Above	Total
3	CIVIL	CONSTRUCTION ENGINEERING AND MANAGEMENT	NIL	NIL	2	2	4
4	CIVIL	ENVIRONMENTAL ENGINEERING	NIL	NIL	NIL	3	3
5	CIVIL	GEOTECHNICAL ENGINEERING	NIL	NIL	NIL	5	5
6	CIVIL	STRUCTURAL ENGINEERING	NIL	NIL	2	9	11
7	CSE	BIG DATA ANALYTICS	NIL	NIL	2	NIL	2
8	CSE	COMPUTER SCIENCE AND ENGINEERING	NIL	NIL	NIL	2	2
9	CSE	NETWORK ENGINEERING	NIL	NIL	NIL	1	1
10	ECE	EMBEDDED SYSTEMS AND TECHNOLOGIES	NIL	NIL	3	1	4
11	EEE	POWER ELECTRONICS	NIL	NIL	1	4	5
12	IT	INFORMATION AND CYBER SECURITY	NIL	NIL	NIL	1	1
13	MECH	CAD/CAM	NIL	NIL	NIL	1	1
14	MECH	INDUSTRIAL ENGINEERING	NIL	NIL	NIL	7	7
15	MECH	INDUSTRIAL SAFETY AND ENGINEERING	NIL	NIL	1	10	11
16	MECH	MACHINE DESIGN	NIL	NIL	1	4	5
17	MECH	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	NIL	NIL	NIL	5	5
18	MECH	ROBOTICS	NIL	NIL	NIL	1	1
19	MECH	THERMAL ENGINEERING	NIL	NIL	1	7	8
	TOTAL		NIL	NIL	18	84	102

Table 13: Statistics about Division awarded for Arts and Science(Both UG and PG) Graduates

S.No	Programme	FIRST CLASS EXEMPLARY	FIRST CLASS WITH DISTINCTION	FIRST CLASS	SECOND CLASS	Total
1	B.Com	1	7	68	2	78
2	B.Sc	NIL	2	6	NIL	8
3	BBA	NIL	2	21	NIL	23
4	M.Sc	NIL	4	NIL	NIL	4
5	MBA	NIL	27	24	NIL	51
	Total	1	42	119	2	164

Table 14: Statistics about CGPA obtained by Arts and Science (Both UG and PG) Graduates

S.No	Programme	6.5 below	6.5 to 7.5	7.5 to 8.5	8.5 Above	Total
1	B.Com	2	31	35	10	78
2	B.Sc	NIL	NIL	2	6	8
3	BBA	NIL	7	14	2	23
4	M.A./ M.Sc.	NIL	NIL	2	2	4
5	MBA	NIL	1	35	15	51
Total		2	39	88	35	164

Dr. A. T. Ravichandran, Professor & Dean - Academics, moved the Graduation Analysis in respect of the passed out students of 2020-21 batch, be recorded.

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

The motion was carried.

38.18 To record the minutes of 17th meeting of Quality Assurance Cell.

The Chair, placed before the Academic Council to record the minutes of 17th meeting of Quality Assurance Cell.

Dr.R.S. Valarmathi, Professor & Dean Quality Assurance, presented the minutes of 17th meeting of Quality Assurance Cell.

the minutes of 17th meeting of
Quality Assurance can be accessed



**Appendix Minutes of
17th meeting of QA**

Summary Note:

- * *The 17th meeting of IQAC was called to order on October 22, 2021.*
- * *The items considered for discussion and consideration in the IQAC meeting are National Institutional Ranking Framework (NIRF 2021) – Analysis, Analysis of Academic Audit for the Academic Year 2020-21, Progress on Research & Development.*
- * *The scores obtained in all the parameters of NIRF 2021 with previous years were analyzed and necessary measures eg. Women diversity and Peer perception for improvement of ranking in the forthcoming year are discussed.*
- * *The analysis on academic audit for the academic year 2020-21 for all departments is presented by the Deans of respective School. All the School Deans concerned have assured of taking follow-up actions as recommended and ensured for quality in academic procedures.*
- * *The presentation on Research and Development focused the Research Progress on 3P's (Project, Publications and Patents). To increase the faculty publications and patent filing, the Dean R&D has discussed with the Deans of the respective Schools.*

- * *The items considered for reporting are Accreditation, Rankings Received and Participated by the institution. The Dean Quality Assurance has presented the status of submission of AQAR for academic year 2019-20, pre-qualifier for two B.Tech. Programmes, Aeronautical Engineering and Mechanical Engineering, preparedness and submission of IQA for NAAC second cycle. The Rankings received by the institution from Times Higher Education (THE) World University Rankings 2022, Times Higher Education Emerging Economies University Rankings 2022, Times Higher Education Impact Ranking. digitalLearning were presented and analyzed*

Dr.R.S. Valarmathi, Professor & Dean Quality Assurance, moved the minutes of 17th meeting of Quality Assurance Cell, be reported and recorded.

Dr.V.Jayasankar, Professor & Dean School of Electrical and Communication, seconded it.

The motion was carried.

38.19 To record the progression and achievements of the School of Mechanical & Construction and School of Management.

The Chair, placed before the Academic Council to report the progression of School of Mechanical and Construction and School of Management and their academic achievements.

A) School of Mechanical and Construction.

Dr.S.Irudayaraj, Professor & Dean School of Mechanical and Construction, presented the progression and academic achievements of the School of Mechanical and Construction.

progression of SoMC can be accessed [here](#)



**Appendix Presentation of
SoMC**

Summary Note:

- The sanctioned intake for the School of Mechanical and Construction is 2461 of which 1516 students have been admitted.
 - * 1350 students in UG programs (Aeronautical -258, Automobile - 92, Civil - 255 and Mechanical – 745)
 - * 134 students in PG programs (Aeronautical - 8, Automobile - 16, Civil - 32 and Mechanical – 78)
 - * 32 students in Ph.D. programs (Aeronautical - 9, Automobile - 4, Civil - 9 and Mechanical – 10)
- All the programs in SoMC is accredited by National Board of Accreditation (NBA).
- The accreditation of B.Tech (Mechanical) program and B.Tech (Aeronautical) program is extended till May 2022.

- School of Mechanical and Construction has well-qualified and experienced team of faculty to educate curriculum domain of the program.
- Presently, 152 full time faculty members are working in SoMC.
- * Aeronautical department - 22 faculty (including 7 Ph. D holders & 3 pursuing Ph. D degree).
- * Automobile department - 16 faculty (including 5 Ph. D holders & 9 pursuing Ph. D degree).
- * Civil department - 27 faculty (including 10 Ph. D holders & 14 pursuing Ph. D degree).
- * Mechanical department - 87 faculty (including 2 PDF holders, 39 Ph.D holders & 31 pursuing Ph.D degree).
- Faculty members are actively participating in research activities. Noble guidance is provided to all U.G. and P.G. students in their project works. Doctoral Faculty members are guiding the research scholars. Faculty members of SoMC have published 363 journal articles in reputed journals.
 - * 22 faculty of Aeronautical department published 11 SCI indexed journals and 21 scopus indexed journals.
 - * 16 faculty of Automobile department published 18 SCI indexed journals, 37 scopus indexed journals and 9 other indexed articles.
 - * 27 faculty of Civil department published 7 SCI indexed journals, 15 scopus indexed journals and 17 other indexed articles.
 - * 87 faculty of Mechanical department published 90 SCI indexed journals, 131 scopus indexed journals and 7 other indexed articles.
- Nine patents are awarded to the faculty members of SoMC.
 - * Aeronautical - 1
 - * Mechanical department – 1
 - * Automobile department - 3
 - * Civil department - 4
- A total of 5 funded projects from 5 faculty (1 Aeronautical and 4 Mechanical) worth Rs. 91.5 Lakhs were received from various funding agencies such as DST, ISRO, DRDO etc.,
- A total of 12 consultancy projects by 12 faculty (Aeronautical - 1, Civil – 2 and Mechanical – 9) to the worth Rs. 86.3 Lakhs were received from various industries.
- Eleven research scholars of SoMC have completed the Ph.D degree (Aeronautical – 1, Civil – 1, Mechanical – 9).
- A total of 156 faculty development programs (5 Day FDP) were attended by the faculty of SoMC. (Aeronautical - 16, Automobile - 26, Civil - 43 and Mechanical – 71).

- Students are continuously encouraged to participate in various events and the outcome is that our students have attended 193 competitions in 9 events in which the students of Aeronautical Engineering attended 2 competitions in 3 events, students of Automobile Engineering attended 12 competitions in 1 event, students of Civil Engineering attended 1 competition in 1 event and students of Mechanical Engineering attended 178 competitions in 5 events.
- Two teams of Mechanical Engineering Students from SoMC are undergoing internship (project work) in Abroad University.
- Students of SoMC are undergoing 211 Industry projects (Aeronautical -10, Automobile – 73 Civil – 56 and Mechanical – 72).
- Regarding placements, 346 students out of 476 graduated students are placed till date and 41 students are pursuing their higher studies in abroad and India.
- The UG students graduation is Aeronautical department - 91.8%, Automobile department - 93%, Civil department - 86.2% and Mechanical department - 89%.

Dr.S.Irudayaraj, Professor & Dean School of Mechanical and Construction, moved the progression and academic achievements of the School of Mechanical and Construction, be recorded.

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

The motion was carried.

B) School of Management

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

progression of SoM can be accessed [here](#)



Appendix Presentation of SoM

Summary Note:

The School of Management offers two UG Programmes B.Com. (General/Corporate Secretaryship/Accounting and Finance/Professional Accounting) with 120 intake and B.B.A. with 30 intake, two PG programmes – M.B.A. with 90 intake and MBA-IEV with 30 intake and a Research programme. In total, 532 students (364 in UG, 168 in PG) are pursuing their studies in School of Management. The School registered 14.4% increase in overall student strength for the AY 2021-22 as compared to the previous AY 2020-21. Nearly 4% of the students are from different parts of the country and 20 international students from 8 countries pursuing their programme in this School.

As the faculty strength stands at 31 (Professors - 2, Associate Professors – 5 and Assistant Professors- 24), it is to be noted that nearly 40% of faculty members are doctorates with an average work experience of 12+ years. Faculty members hold professional memberships from prestigious associations like AIMA, MMA, IAA, CMA, ISTE, NEN in view of staying updated and relevant.

From the Academic Year 2021-22, the new Regulations of UG programme with 120 credits, PG Programme with 102 Credits introduced with different specializations.

The School of Management was awarded 25th ranking of Outstanding B-Schools of Excellence by CSR-GHRDC B-School Survey 2021. The School has initiated to sign MOU with DMI St. John Baptist University, Malawi to facilitate opportunities in research and consultancy activities. The School has 7 Research Supervisors with 39 Research Scholars (14 Full Time, 25 Part Time) and Supervisor Ratio is 11:7. Two ICSSR proposals worth Rs.10,00,000/- and Rs.5,00,000/- were under scrutiny by ICSSR.

In the past one year 34 research publications (Scopus Indexed - 04, UGC CARE list - 03, Peer reviewed journal - 22 and book chapters 5), submission of 2 funded projects, 2 patents filing, 5 book chapters, 16 international conference presentations, 60 FDPs, 24 workshops, 137 webinars, 1 NPTEL Discipline Star, 1 Best paper award, 1 Kamban award and 8 MOOC courses completed by the faculty members. Faculty offered 22 sessions on several useful topics as a part of TEDP along with TBI. SoM Conducted 5 Events in Association with IIC in the Current Semester which helped IIC to march ahead with 4 Golden stars.

The AY starts with organising the orientation programs and a total of 133 UG students and 96 PG students successfully attended the week long programs. All in all, a total of 40 programs consisting of 5 workshops, 20 webinars, 9 guest lectures, 5 alumni interactions 1 business club event were conducted. 1 merit certificate, 1 campus reporter status, 2 certificates of appreciation were earned by students as result of event participations outside the institution. International women's violence day, Human Rights Day, International Pollution Control day were observed and students delivered their speech on various topics. An internal Database Maintenance System has been created for efficient record keeping.

The B.Com. and B.B.A. students' graduation is 94% and 96% respectively for the 2018-21 batch and M.B.A. students' graduation is 93% for the 2019-21 batch. 40% students of the PG program were placed with an average package of 3 lakhs p.a. The highest package offered stands at 6.5 lakhs p.a. for PG students. 25% students of the UG program were placed with an average package of 2.3 lakhs p.a. The highest package offered for UG students stands at 2.5 lakhs p.a

The students participated and won prizes in more than 120 events in the last two semesters. 16 NCC camps were conducted. 1 student earned runner up in sports. 90 students participated in extension activities like Unnat Bharat Abhiyan, Solar assembly and moral development program.

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

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

The motion was carried.

E. Closing

38.20 Anyother items with the permission of the Chairperson

- * **Dr. E. Balasubramanian**, Dean - R & D suggested to include Journal publications in rubrics for the Minor and Major project for UG level programme.
- * **Dr. OR. Nandagopan**, Outstanding Scientist & Director, Naval Science & Technological Laboratory, appreciates the Ranking level of the Institute and suggested few poits as follows:
 - To include Defence Technology in PG level programme.
 - To suggested students/faculties to participate various competetion.
 - To start Incubation centre in new research area.
 - Problems published in website by Research organization like DRDO may be given Research work for Ph.D. scholars.
- * **Dr. Shankar Venugopal**, Vice President, Technology Innovation & KM Dean – Mahindra Technical Academy, suggested to give Industry Problems as Ph.D research work.
- * **Prof. N.V. Ramana Rao**, Director, National Institute of Technology - Warangal, suggested to give the feedback analysis of the recently graduated students.

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

39th Regular Meeting of the Academic Council is tentatively scheduled in the month of April, 2022.

Actual date will be informed to the members well in advance.

38.22 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.

38.23 Adjournment

The meeting was adjourned at 2 PM.

Appendix E

27th FCM Minutes



**MINUTES OF THE 27th MEETING OF
FINANCE COMMITTEE
on 13.11.2021 at 10.30 A.M
Mode: Video Conference**

MEMBERS

- | | |
|--|---------------|
| 1. Prof. S. Salivahanan,
Vice Chancellor,
Vel Tech. | Chairperson |
| 2. Mrs. Rangarajan Mahalakshmi Kishore
Chairperson and Managing Trustee,
Vel Tech. | Trust Nominee |
| 3. Prof. Dr. V. Jayasankar,
Dean SoEC,
Vel Tech. | BoM Nominee |
| 4. Prof. Dr. E. Kannan,
Registrar,
Vel Tech. | BOM Nominee |
| 5. Mr. M. Mohan Kumar
Finance Officer,
Vel Tech. | Secretary |

Quorum was present.

The meeting was called to order.

The Vice Chancellor welcomed the members who were present.

The Agenda was taken up for discussion.

The Vice Chancellor presided over the meeting.

27.1 To record the notice convening the 27th Meeting of the Finance Committee scheduled on November 13, 2021.

A copy of the Meeting Notice sent to the members of the Finance committee is given in the Appendix-A.

A. 27th FC Meeting Notice

[Appendix-A Click here](#)

RESOLVED to confirm and record the Meeting Notice sent to the members for the meeting of 27th Finance Committee held on November 13, 2021.

27.2 To confirm and record the minutes of the meeting of the 26th Finance Committee held on March 29, 2021.

A copy of the Minutes of the meeting of the Finance Committee held on March 29, 2021 is given in the [Appendix-B](#).

B. 26th FCM Minutes

[Appendix-B Click here](#)

RESOLVED to approve and record the minutes of the meeting of the 26th Finance Committee held on March 29, 2021.

27.3 To review the Action Taken Report on the decisions taken at the 26th Meeting of the Finance Committee held on March 29, 2021.

Item.No	Item	Decision Taken	Action Taken
26.5	Budget proposals submitted by Deans and HoDs of sections for 2021-22.	The committee discussed the budget proposals for 2021-22 and decided to accept the same.	The budget allocations under different items have been to the Deans / HoDs and the head of sections accordingly.
26.6	Audited report for Financial Year 2019-20.	The FC approved the Audited report for Financial year 2019-20.	Approved Audited report has been recorded.

RESOLVED to approve and record the the Action Taken Report relating to the agenda items discussed at the 26th Meeting of the Finance Committee held on March 29, 2021.

27.4 To approve and record the actual expenditure and committed expenditure for the period from April 01, 2021 to October 31, 2021.

The Statement actual expenditure and committed expenditure incurred for the period from 1st April 2021 to 31st October 2021 is given in the Appendix-C.

C. Expenditure Incurred



Appendix-C Click here

The Finance Officer presented the the actual expenditure and committed expenditure for the period from April 01, 2021 to October 31, 2021 and explained in detail the expenditure incurred during the above period explained the committed expenditure under specific account heads. After elaborated discussions, the FC has accepted the actual expenditure and committed expenditure incurred for this period.

RESOLVED to approve and record the actual expenditure and committed expenditure for the period from April 01, 2021 to October 31, 2021

27.5 To approve and record the Audited Balance Sheet for the financial year 2020-21.

The Audited Balance Sheet for the financial year 2020-21 is given in the Appendix-D.

D. Audited Balance Sheet



Appendix-D Click here

The Finance Officer presented the Audited Balance Sheets schedules for discussion and approval of the Finance Committee and the FC after perusal, confirmed that the Audited Balance sheet presented by the Finance Officer was in order.

RESOLVED to approve and record the Audited Balance Sheet for the Financial Year 2020-21.

27.6 Any other subjects with the permission of the Chairperson.

No agenda other than those placed before the FC Meeting held on November 13,2021 was proposed for discussion.

27.7 To fix the date for holding the next Finance Committee Meeting

It has been decided to hold the next meeting of the Finance Committee in March 2022.

VOTE OF THANKS

The Finance Officer thanked the members for attending the Meeting and also for the valuable suggestions given by the members and with the vote of thanks, the meeting came to a close.

Appendix F

Ph.D. viva-voce Results

VEL TECH UNIVERSITY
List of Ph.D. Awarded List - ONLINE Mode - BoM Feb' 2022

S.No	ID No	Reg.No	Name	Dept	Synopsis Submission Date	Thesis Submission Date	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
1	VTD 290	14RECS1029	Mr. Wagh Mukund Baburao	CSE	10.4.2021	20.4.2021	7.9.2021	23.9.2021	Dr. Gomathi N	Design and Development of Optimization based Route Discovery Phase for Effective Routing in VANET	HO Chin Kuan, Professor, Faculty of Computing and Informatics, Multimedia University, Persiaran Multimedia, 63100 Malaysia	Dr. Sudarson Jena, Professor and Head, Dept. of CSE&A, SUIIT, Sambalpur University, Burla-768019, Odisha	5	NIL	NIL	5	NIL	1. Mukund B. Wagh, Dr. N. Gomathi, —Optimal Route Selection for Vehicular Adhoc Networks using Lion Algorithm, Journal of Engineering Research Vol. 7 No. (3) September 2019 pp. 178-189. 2. Mukund B. Wagh, Dr. N. Gomathi, —Quantitative and qualitative correlation analysis of optimal route discovery for vehicular ad-hoc networks, Journal of Central South University, 25, pages 1732– 1745(2018), Print ISSN 2095-2695. 3. Mukund B. Wagh, Dr. N. Gomathi, —Route discovery for vehicular ad hoc networks using modified lion algorithm, Alexandria Engineering Journal, Volume 57, Issue 4, December 2019, Pages 3075-3087 https://doi.org/10.1016/j.aej.2018.05.006 4. Mukund B. Wagh, Dr. N. Gomathi, —Water wave optimization-based routing protocol for vehicular adhoc networks, International Journal of Modeling, Simulation, and Scientific Computing Vol. 09, No. 05, 1850047 (2018), ISSN (print): 1793-9623 ISSN (online): 793- 9615. 5. Dr. N. Gomathi, Mukund B. Wagh, —Improved Rider for Vehicular Adhoc NETwork Routing via Neural Network, Evolutionary Intelligence Journal, Accepted for Publication, 2021.
2	VTD 611	18RHEG1002	Prema S	ENG	1.2.2021	24.2.2021	14.9.2021	29.9.2021	Dr. Aruna Arputhamalar	Enunciating the Quest of the Indian Society: An Analysis of Sudha Murthy's Novels	Dr. Mohammad Kamrul Hasan, Associate Professor, Department of Humanities, Chittagong University of Engineering & Technology (CUET), Chittagong – 4349, Bangladesh	Professor Deepti Gupta, Dept. of English & Cultural Studies, Panjab University, Chandigarh	3	NIL	1	4	NIL	1. Prema S., and Ramesh Kumar S. (2019), 'Breaking the Silence to Accentuate Outcrism: An Audacious Response of Anupama', International Journal of Innovative Technology and Exploring Engineering (IITEE), Vol. 8, Iss. 1, pp. 2098-2100. 2. Prema S., and Aruna Arputhamalar. (2020), 'Acculturating Experience In Sudha Murty's Dollar Batur: Beholding Cultural Shock', European Journal of Molecular & Clinical Medicine, Vol. 07, Iss. 3, pp. 4917-4921. 3. Prema S. (2020), 'Dissemination of Social Awareness in Sudha Murty's Mahashweta: An Inevitable Oppression of Anupama', Studies in Indian Place Names, Vol. 40, Iss. 41, pp. 221-225. 4. Prema S., and Aruna Arputhamalar. (2021), 'Mental Health Disorders in Marital Relationship: A Review of Sudha Murty's Fictional Characters', International Journal of Pharmaceutical Research, Vol. 13, Iss. 1, pp. 2345-2350.
3	VTD 0054	11RHMA1003	S. Sreelakshmi	HEMAT	4.2.2021	31.3.2021	13.9.2021	30.9.2021	Dr. S. Udayabaskaran	Studies on some Two-Stage Stochastic Models of Carcinogenesis	Dr. Olufemi Adetunji, Associate Professor, Department of Industrial and Systems Engineering, University of Pretoria, South Africa	Dr. Umesh Chandra Gupta, Professor, Department of Mathematics, Indian Institute of Technology, Kharagpur, Kharagpur – 721022, India	2	NIL	NIL	2	NIL	1. Yadavalli, V.S.S., Udayabaskaran, S., Dora Pravina, C.T., and Sreelakshmi, S., (2020), 'A two-stage mutation stochastic model of carcinogenesis driven by a two level random environment', International Journal of Mathematical, Engineering and Management Sciences, Vol. 5, pp. 1392-1408. 2. Yadavalli, V.S.S., Udayabaskaran, S., Dora Pravina, C.T., and Sreelakshmi, S., (2020), 'A two-stage mutation stochastic model of carcinogenesis driven by a three level environmental process', International Journal of Mathematical, Engineering and Management Sciences, Vol. 5, pp. 1468-1487.
4	VTD 484	17REME1017	R Ramesh Kumar	MECH	9.7.2021	28.7.2021	16.9.2021	1.10.2021	Dr. J.M. Babu	Investigation on Mechanical Strength and Joint Behaviour of Friction Welding Process by using Ti-6Al-4V and SS304L	Prof. Dong-Hwan Park, Professor, Department of Mechanical Engineering, Gyeongbuk Hybrid Technology Institute, 24-24, Goyeong 1-gil, Yeongcheon-si, Gyeongbuk-do, 38899, South Korea	Dr. V.P. Chandra Mohan, Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Warangal 506 002 Telangana	3	2	NIL	5	NIL	1. Ramesh Kumar, R. and Babu, J.M. (2020) 'Tensile strength characteristics on dissimilar metal friction welding of Ti-6Al-4V & SS304L', INCAS – National Institute for Aerospace Research. DOI: 10.13111/2066-8201.2020.12.1.15. pp. 157-166 (Scopus). 2. Ramesh Kumar, R. and Babu, J.M. (2020) 'Investigation and Joint effect Analysis of Ti-6Al-4V & SS-304L in Aerospace Applications', INCAS – National Institute for Aerospace Research. DOI: DOI: 10.13111/2066-8201.2020.12.3.16. pp. 157-166 (Scopus) 3. Ramesh Kumar, R., Babu, J.M., and Varatharajan, R. (2020), 'Computational fluid dynamics investigation on frictional heat transfer flow process by using fluid method', International Journal of Ambient Energy. DOI: 10.1080/01430750.2019.1670259 (Web of Science) 4. Ramesh Kumar, R. and Varatharajan, R. (2020) 'Investigation on the Temperature Effect of Friction Welding Process for Dissimilar Materials: Ti-6Al-4V and SS304L with Aluminium Coated', Lecture Notes in Mechanical Engineering, DOI:10.1007/978-981-15-3631-1_51. pp. 525-533. (Scopus) 5. Ramesh Kumar, R., Varatharajan, R. and Thiruvengadam, V. (2018), 'An investigation of friction welding heat dissipation in titanium alloy and stainless steel', International Journal of Ambient Energy. doi.org/10.1080/01430750.2018.1525580. (Web of Science)
5	VTD 316	14RECS1032	Aswathy RH	CSE	28.10.2020	7.1.2021	21.9.2021	7.10.2021	Dr. N. Malarvizhi	An IoT Based Multiphase Identity Authentication Model for E-Health Monitoring System	Dr. Sara Maria da Cruz Maia de Oliveira Paiva, Professor, Applied Research Center for Digital Transformation, Instituto Politécnico de Viana do Castelo, Rua Escola Industrial e Comercial Nun. Álvares, nº 34, 4900-347 Viana do Castelo, GPS Coords: 41° 41'48.9", 316°439.8'49.9"; W 9° 50'48.9", 05°48'9", Portugal	Dr. V. Vinod Kumar, Associate Professor, Department of Electronics and Communication Engineering, Government College of Engineering Kannur, Mangattuparamba, Parasankhadavu P.O. Kannur – 670563, Kerala, India.	5	1	NIL	6	NIL	1. R.H. Aswathy, N. Malarvizhi, 'A design of Light weight ECC based cryptographic algorithm coupled with Linear congruential method for resource constraint area in IoT', Journal of Ambient Intelligence and Humanized Computing, https://doi.org/10.1007/s12652-020-02788-0 , SCIE INDEXED. 2. R.H. Aswathy, N. Malarvizhi, 'An Efficient Three-way authentication factor and mutual key agreement protocol using MIAS in IoT', Journal of Computational and theoretical nano science, Vol.15, 1-7, 2018, SCOPUS INDEXED. 3. R.H. Aswathy, N. Malarvizhi, 'Internet of Things (IoT): A Survey on Protocols and Security risks', International journal of Engineering and technology, 2017, Article ID: 6380, ISSN: 2227- 524X, SCOPUS INDEXED. 4. R.H. Aswathy, N. Malarvizhi, 'An investigation on cryptographic algorithms usage in IoT context', International journal of Engineering and technology, 2017, ISSN: 2227- 524X, SCOPUS INDEXED. 5. R.H. Aswathy, N. Malarvizhi, 'Internet of Things (IoT): A survey on Key elements, Protocols, Applications, Research challenges and Fog computing', Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science, IGI Global Publications, SCOPUS INDEXED. 6. R.H. Aswathy, N. Malarvizhi, 'The performance evaluation of transport layer protocol in constrained environment of IoT' International Journal of Civil Engineering and Technology", Page no.243-258, SCOPUS INDEXED.

VEL TECH UNIVERSITY
List of Ph.D. Awarded List - ONLINE Mode - BoM Feb' 2022

S.No	ID No	Reg.No	Name	Dept	Synopsis Submission Date	Thesis Submission Date	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/ WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
6	VTD 464	17REME1022	Syed Riyaz Ahammed	MECH	15.7.2021	25.8.2021	23.9.2021	8.10.2021	Dr. A S Praveen	<i>3D Printing of Multilayered Carbon Nanotube/Polyvinyl Alcohol Composites for Electronic Circuit Applications</i>	Prof. Lung-Jieh Yang, ME, Tamkang University, Taiwan	Dr. Govind Sharan Dangayach, Professor (HAG), Department of Mechanical Engineering, Convener, NIRF, Malaviya National Institute of Technology Jaipur, India	2	2	NIL	4	NIL	1. Syed Riyaz Ahammed and Ayyappan Susila Praveen (2020), "Direct ink writing method for manufacturing electronic circuits using multi-walled carbon nanotubes and polyvinyl alcohol composites", Materials Performance and Characterization, Vol. 9, No. 1, pp. 665-674. (ESCI, Web of Science, Scopus) 2. Syed Riyaz Ahammed and Ayyappan Susila Praveen (2021), "Direct writing of electronic circuits using functionalised multi-walled carbon nanotubes and polyvinyl alcohol conductive ink", Advances in Materials and Processing Technologies, pp. 1-14. (ESCI, Scopus) 3. Syed Riyaz Ahammed and Ayyappan Susila Praveen (2021), "Optimization parameters effects on electrical conductivity of 3D printed circuits fabricated using functionalized multiwalled carbon nanotubes and polyvinyl alcohol conductive ink", International Journal for Simulation and Multidisciplinary Design Optimization, Vol. 12. (Scopus) 4. Syed Riyaz Ahammed and Ayyappan Susila Praveen (2020), "Flow Process in Fabrication of Prototypes Using 3D Printing Technology", International Journal of Advanced Science and Technology, Vol. 29, No. 3, pp. 11724 - 11729.
7	VTD 0082	11REEC1001	Anil G L	EOE	2.3.2021	1.4.2021	24.9.2021	9.10.2021	Dr. Mazher Iqbal J L	<i>Implementation of Secure and Energy Efficient Routing Protocol in WSN using Search and Distributed Algorithms Hybridization</i>	Dr. Xiaohai Wang, Associate Professor, Department of Electrical Engineering and Automation, Aalto University, AALTO, Finland	Dr. S. Varadarajan, Professor, Department of Electronics and Communication Engineering, S.V.U. College of Engineering, S.V. University, Tirupati, Andhra Pradesh, India	4	NIL	NIL	4	NIL	1. ANIL, G.L., Dr. J. L. MAZHER IQBAL, "A Novel Energy Efficient Network Routing Protocol for Lifetime Improvements in Wireless Sensor Networks" ISSN 1473-804x online, 1473-8031 print, DOI 10.5013/IJSSST.a.19.06.48 2. ANIL, G.L., Dr. J. L. MAZHER IQBAL, "Secure energy efficient network priority routing protocol for effective data collection and key management in dynamic WSNs" Int. J. Information and Computer Security, Vol. 14, No. 1, 2021 3. ANIL, G.L., Dr. J. L. MAZHER IQBAL, "Implementation of Secure Energy Efficient Network Priority Routing (SEENPR) Protocol with Secure Key Management in WSN" International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2511, September 2019 4. ANIL, G.L., Dr. J. L. MAZHER IQBAL, "Implementation of energy efficient circuit design using A* algorithm in embedded network" Microprocessors and Microsystems 74 (2020) 103034, https://doi.org/10.1016/j.micpro.2020.103034
8	VTD 279	14RECS1027	Amol Kumar N Jadhav	CSE	19.2.2020	20.10.2020	1.10.2021	18.10.2021	Dr. Gomathi N	<i>Design and Development of Kernel-Based Data Clustering Algorithms using Hybrid Optimization Methods</i>	Dr. Seyedali Mirjalili, Associate Professor, Tonnes University Australia, Unit 3205, 43 Herschel Street, 170 Kessels Road, Brisbane, QLD 4004, Australia	Dr. Anil Kumar Singh, Professor, Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology (NIT), Barrister Mulah Colony, MNIT Allahabad Campus, Telarganj, Prayagraj, Uttar Pradesh - 211004	3	NIL	NIL	3	NIL	1. Jadhav, A. N., and Gomathi, N., (2019), "EKEGWO: Enhanced Kernel-based Exponential Grey Wolf Optimizer for bi-objective data clustering", International Journal of Uncertainty, Fuzziness and Knowledge Based System (IJUFKS), Vol-27 (04), Pp. 669-688. 2. Jadhav, A. N., and Gomathi, N., (2018), "WGC: Hybridization of exponential grey wolf optimizer with whale optimization for data clustering", Alexandria Engineering Journal (AEJ), Vol 57 (3), No. 11. 3. Jadhav, A. N., and Gomathi, N., (2016), "Exponential Kernel Based Grey Wolf Optimizer for Rapid Centroid Estimation in Data Clustering", Jurnal Teknologi (University Malaysia), Vol-78 (11), pp.121-132. 4. Jadhav, A. N., and Gomathi, N., (2017), "Kernel Based EGWO for Perfect Centroid Estimation in Data Clustering", IEEE International Conference on Computing, Communication, Control and Automation (ICCCubeA-2017).
9	VTD 467	17REME1005	Ajaj Rashid Altar	MECH	12.8.2021	19.8.2021	12.10.2021	28.10.2021	Dr. M. Anurprakashaji	<i>Design and Development of Steam Community Cooking System, Integrating Reliable and Low-Cost Solar System</i>	Prof. Dr.-Ing. habil. A. C. Benim, Center of Flow Simulation (CFS), Faculty of Mechanical and Process Engineering, Dusseldorf University of Applied Sciences	Dr. CHANDRAMOHAN V.P., Associate Professor, Mechanical Engineering Department, NIT Warangal, Warangal, Telangana - 506 004.	NIL	2	NIL	2	2	1. Ajaj Altar, M Anurprakashaji, Deep Vasulkar, Nilesh Gorde Soham Kharat Siddhi Kulkarni, "Investigation of Impact of Magnetic Field through Halbach Array on hydrocarbon fuel", International Journal of Ambient Energy, Taylor Francis, ISSN 0143 0750 (2162 8246 (Journal homepage https://www.tandfonline.com/loi/taen.20 2. Ajaj Altar M Anurprakashaji, "Impact of Magnetic Field Strength Generated by Halbach Array on Hard Water for Solar Applications", International Journal of Ambient Energy, Taylor Francis, ISSN (Print) (Journal homepage https://www.tandfonline.com/loi/taen.20 1. Title- "A Halbach Array Attachment" Application Number- 202021008344 Application Areas- Treatment of hard water, to improve performance of vehicles using hydrocarbon fuels, to improve performance of VCC using hydrocarbon refrigerants 2. Title- "A Solar Fluid Heater System" Application Number Application Areas- Solar steam cooking, solar water heating, solar dryer etc
10	VTD 386	16RHMA1001	B. Komala Durga	IATHS	22.7.2021	9.8.2021	27.12.2021	12.01.2022	Dr. E. Chandrasekaran	<i>Development of Inventory Models for Substitutable and Complementary Products under Quadratic Demand</i>	Dr. Mohamed Amine Boutiche, Professor, Department of Mathematics, University of Sciences and Technology Houari Boumediene, Algeria, USTHB University	Dr. Anita Pal, Associate Professor, Department of Mathematics, National Institute of Technology, West Bengal, Durgapur- 713209	4	-	-	4	-	1. Durga, B.K. and Chandrasekaran, E., (2019), "Optimal Ordering Policy for Substitutable Products with Quadratic Demand", Jour of Adv Research in Dynamical & Control Systems, Vol. 11, No. 07, pp. 1553-1560. 2. Durga, B.K. and Chandrasekaran, E., (2020), "Optimal ordering policy for substitutable products under quadratic demand with cost of substitution", Journal of Critical Reviews, Vol. 7, No. 4, pp. 200-205. 3. Durga, B.K. and Chandrasekaran, E., (2021), "Inventory Decision for Substitutable Products Under Quadratic Demand with Quantity Discounts", ICMMS 2020, pp. 527-538. 4. Durga, B.K. and Chandrasekaran, E., (2021), "Optimal Ordering Policy for Substitutable and Complementary Products under Quadratic Demand", J. Math. Comput. Sci., Vol. 11, No. 2, pp. 1849-1867.

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11	VTD 135	12REEE1002	R Lakshmi	EEE	5.3.2020	24.9.2020	30.12.2021	20.01.2022	Dr. K Karunanithi	Investigations on Interleaved Forward DC to DC Converters	Dr.-Ing. Günter Keller, Professor, Faculty of Electrical Engineering & Media Technology, Deggendorf Institute of Technology, Dieter-Görlitz-Platz 1, 94469 Deggendorf, Bavaria, Germany	Dr. S. Nagarajan, Principal Suresh a Institute of Engineering and Management, Siliguri, Darjeeling, West Bengal	3	-	5	8	-	1. R. Lakshmi and K. Karunanithi (2019) "Analysis and Implementation of Three and Two Switch Inter-Leaved Forward Converters", Jour of Adv Research in Dynamical & Control Systems, Vol. 11, No. 8, pp. 78-85. (Scopus Indexed) 2. R. Lakshmi and K. Karunanithi (2019) "Implementation of Three and Two Switch Inter-Leaved Forward Converters", International Journal of Innovative Technology and Exploring Engineering (IJTEE) Vol.8 Issue12, October, pp. 5467-5471. (Scopus indexed) 3. R. Lakshmi and K. Rajan (2014), "Closed Loop Control of the Two Switch Serial Input Interleaved Forward Converter Fed DC Drive", The International Journal of Science & Technology, Vol. 2, Issue 3, pp. 45-48. 4. R. Lakshmi and K. Rajan (2014), "Closed Loop Control of Two Switch Serial Input Interleaved Forward Converter", International Journal of Research in Engineering & Advanced Technology, Vol. 2, Issue 1, pp. 1 to 8. 5. R. Lakshmi and K. Rajan (2014), "Comparison of Transient Responses of Closed Loop Controlled Two Switch and Three Switch Interleaved Forward Converter Systems", International Journal of Applied Engineering Research, Volume 9, Number 23 pp.20737-20804. (Scopus Indexed) 6. R. Lakshmi and K. Rajan (2014), "Comparison of Two Switch and Three Switch Serial Input Interleaved Forward Converters", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 2, pp. 9349-9359. 7. R. Lakshmi, Joseph Henry and K. Rajan (2017) "Closed Loop Control of the Three Switch Serial Input Interleaved Forward Converter Fed Dc Drive", IOSR Journal of Electrical and Electronics Engineering, Volume 12, Issue 6 Ver. III, Nov-Dec. 8. R. Lakshmi, Joseph Henry and K. Rajan (2017) "Comparison of Transient Responses of Two Switch and Three Switch Forward

Appendix G

Industry Relations

Office of the Industry Relations

Activities during the period from September 2021 to January 2022

1. Credit Course during the Summer semester of AY 2021-22

No. of courses offered: 29

No. of students registered: 2177

No. of students earned credits: 1991

S. No	Department	No. of Courses	No. of students registered	No. of Students Earned Credit
1	CSE	10	774	731
2	ECE	9	814	741
3	EEE	1	63	56
4	Biotech	1	73	67
5	Biomedical	1	48	45
6	AERO	0	0	0
7	AUTO	1	53	51
8	CIVIL	3	167	129
9	MECH	3	185	171
Total		29	2177	1991

2. Industry Projects 2021-22

No. of students registered: 480

No. of vacancies in industries: 744

No. of virtual projects: 73

No. of Physical projects: 526

No. of students mapped: 340

Department	No. of students registered	No. of vacancies in Industry	No. of virtual projects	No. of Physical projects	No. of students mapped
CSE & IT	135	232	47	185	90
ECE	87	134	25	26	51

EEE	26	35	1	14	15
Biomedical	23	44	0	16	16
Biotech	12	26	0	12	12
Auto	13	30	NA	30	13
Aero	50	55	NA	55	26
Civil	26	46	NA	46	26
Mech	108	142	NA	142	91
Total	480	744	73	526	340

3. Memorandum of Understanding (Signed)

1. AutoIntell Services
2. Nandha Infotech Pvt Ltd
3. Igarashi Motors India Limited
4. Voltme Motors Pvt Ltd
5. Magnetic FAAC India Pvt Ltd
6. Prathista Industries Limited
7. Tripura Biotech Limited
8. Vaishavi Biotech Limited
9. My Assessment India

4. Consultancy Projects

1. "Mix Design and Test Report for M25, M35 AND M45 grade of cement concrete sample". For The Divisional Engineer/ Central/ MAS / Southern Railway Chennai division, Consultancy Rs.15,000 dated 13.01.2022
2. Fire safety audit for M/s. Hetero Drugs, Choutapally, Telangana, Consultancy cost: Rs. 45000/-

5. Events (Proposed) – Date 24th Feb 2022

VISAI 2022 (Virtual) – 12th International Project Competition and Exhibition in collaboration with Indian National Commission for Cooperation with UNESCO on the Sustainable Goals.

8 Themes of SDGs

Participation from 54 Institutions

350 Abstracts received

8 Industry experts as jury on the relevant theme

Total Prize worth 2.5 Lakhs

Theme wise Three best projects.

Additionally, 10 Special Category awards:

- ⊗ Best start up idea/Business Potential award,
- ⊗ Best Interdisciplinary award,

- ⊗ Best Innovation award.
- ⊗ Best Environment Sustainability award.
- ⊗ Best Measurable award.
- ⊗ Best Prototype award.
- ⊗ Best Scalability Innovation award.
- ⊗ Best Team Work award.
- ⊗ Best Video Making award.
- ⊗ Encouragement prize award.

6. FDP

- a. One-week Faculty Development Programme from 25th to 29th October 2021 on Computer Vision and Deep Learning using NVIDIA-DGX 1 facility of Vel Tech TBI by Boston IT Solutions – 30 CSE Faculty completed the FDP.
- b. One-week Faculty Development Programme from 31st January to 4th February 2022 on Data Science with Python using NVIDIA-DGX 1 facility of Vel Tech TBI by Boston IT Solutions. - 40 ECE Faculty participating in the FDP.

50th Board of Management Meeting

Date: 04.02.2022



Office of Industry Relations

50.9 - To discuss the activities connected with Industry relations during the academic year 2021-22.



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

LIST OF ACTIVITIES

**Credit Course during
the Summer semester
of AY 2021-22**

**Industry Projects
2021-22**

**Memorandum of
Understanding**

**Skill Development
Program**

**Consultancy
Projects**

Others events



SPECIALIZED CREDIT COURSE

S. No	Department	No. of Courses	No. of students registered	No. of Students Earned Credit
1	CSE	10	774	731
2	ECE	9	814	741
3	EEE	1	63	56
4	BIOTECH	1	73	67
5	BIOMEDICAL	1	48	45
6	AERO	0	0	0
7	AUTO	1	53	51
8	CIVIL	3	167	129
9	MECH	3	185	171
Total		29	2177	1991

SOC Credit Course for AY 2021-22

Summer Semester

S.NO	DEPT	NAME OF THE CREDIT COURSE	EXPERT DETAILS	NO.OF STUDENTS REGISTERED	NO.OF STUDENTS EARNED CREDIT
1	CSE & IT	Reinforcement Learning	Dr. Shalabh Bhatnagar, Professor and Chair, Indian Institute of Science(IISc), Bangalore	75	74
2	CSE & IT	Time Series Forecasting	Mr. Krishna Mouli, Program Manager, Boston IT Solution India Pvt. Ltd, Bangalore	74	73
3	CSE & IT	Spark Data Processing on AWS	Mr. Krishna Mouli, Program Manager, Boston IT Solution India Pvt. Ltd, Bangalore	81	78
4	CSE & IT	Django – Web Framework	Mr. Kunal Kaushik, Django Specialist and Team Lead, Next Gen Pvt Ltd, Bangalore	80	75
5	CSE & IT	DEVOPS	Mr. Krinshnaa, Chief Technology Officer, SNK Market Data & Research, Malaysia	77	74

CONTINUED

S.NO	DEPT	NAME OF THE CREDIT COURSE	EXPERT DETAILS	NO.OF STUDENTS REGISTERED	NO.OF STUDENTS EARNED CREDIT
6	CSE & IT	Agile and Scrum	Mr.Vinoth Rajagopal, Project Manager, Mphasis, Bangalore	81	76
7	CSE & IT	Programming For Analytics (R And Python)	Mr.Vivek Vanavan J, Assistant Manager Data Science, Boston IT Solution India Pvt. Ltd, Bangalore	75	71
8	CSE & IT	Reactive JS	Mrs.V. Suganya, Senior Software Engineer, Societe Generale , Chennai	73	59
9	CSE & IT	Cyber Threat Intelligence	Mr. Subrahmani Babu, Senior Manager, Mphasis, Bangalore	82	79
10	CSE & IT	Mongo DB	Mr.Surya Teja Marella, CEO, Gooffer Hyperlocal Private Limited, Hyderabad	76	72

SOEC Credit Course for AY 2021-22

Summer Semester

S.N O	DEPT	NAME OF THE CREDIT COURSE	EXPERT DETAILS	NO.OF STUDENTS REGISTERED	NO.OF STUDENTS EARNED CREDIT
11.	ECE	Network Function Virtualization	Mr.M.Surya Teja CEO Gooffer Hyperlocal PVt Ltd	66	63
12.	ECE	Micro Electro Mechanical Systems(MEMS)	Dr. V. Pandiyarasan Associate Professor IIITDM, Kancheepuram	101	97
13.	ECE	Cyber Security	Mr. Himanshu Kumar Haran Scientist 'E' CAIR DRDO	91	90
14.	ECE	Software Defined Networking	Mr. Saurabh Mandal Scientist 'E' CAIR DRDO	76	57
15.	ECE	Machine to Machine Communication	Mr. Sandeep Shroff Founder & CEO Autointell Services	94	92
16.	ECE	Deep Learning	Mr. Anand Krishnan Iyer Chairman ISA	88	72

CONTINUED

S.N O	DEPT	NAME OF THE CREDIT COURSE	EXPERT DETAILS	NO.OF STUDENTS REGISTERE D	NO.OF STUDENTS EARNED CREDIT
17	ECE	Data Science	Mr.Syed Misbah Lead Data Scientist Evalueserve Pvt Ltd	98	89
18	ECE	System on Chip	Mr.Anandhavelan Senior Engineer Microchip Technologies	101	92
19	ECE	Current Trends in Communication and Diagnostics in Automotive	Mr. B. Balaji Subramanian Assistant Consultant, Tata Consultancy Services	97	89
20	EEE	Wind And Solar Power System	Dr. P. Kanagavel Director & Head SDT National Institute of Wind Energy (NIWE), Chennai	63	56
21	Bio medical	IoT using Healthcare	Mr. T. Vigneshwaran Founder & CEO Nandha Infotech Pvt Ltd	48	45
22	Bio Tech	3D Printing And Product Design	Mr.Britto Shibi, CEO 3Dverse Innovative Technologies	73	67

SOMC Credit Course for AY 2021-22

Summer Semester

S.NO	DEPT	NAME OF THE CREDIT COURSE	EXPERT DETAILS	NO.OF STUDENTS REGISTERED	NO.OF STUDENTS EARNED CREDIT
23	MECH	Artificial Intelligence in Machine Design	Mr. Ravi Rajadhiraviam & Mr. Kumaran V, Senior Data Science & RPA Trainer & AI Lead, Humintz AI Technology Private Limited	65	60
24	MECH	Advanced Additive Manufacturing of Next Generation Alloys	Mr. K. Mohan CTO, E Machine Shop, Lead Technical Manager, Axiscades, Bangalore	60	56
25	MECH	Digital Manufacturing - Recent Trends	Mr. G. B.Ponmanivannan VP and Head Technology L&T Technology Services	60	55
26	CIVIL	Latest Trends in Construction Techniques and Frame Work	Mr. Amitendra Nath Sarkar, Head Framework Sysytem L&T Limited	57	42

CONTINUED

S.NO	DEPT	NAME OF THE CREDIT COURSE	EXPERT DETAILS	NO.OF STUDENTS REGISTERED	NO.OF STUDENTS EARNED CREDIT
27	CIVIL	Building Information Modelling	Mr.B.S Mukund Sr. Deputy General Manager, Project BIM Implementation, L&T Limited	60	41
28	CIVIL	Principles Of Software Based Foundation Design For Tall And Sensitive Structures	Dr.V. Balakumar Senior Consultant, Simplex Infrastructure	50	46
29	AUTO	Future Skills For Mobility Engineers	Dr. Shankar Venugopal Vice President · Mahindra & Mahindra	53	51

INTERNSHIP/INDUSTRY PROJECTS 2021-22

Department	No. of students registered	No. of vacancies in Industry	No. of virtual projects	No. of Physical projects	No. of students mapped
CSE & IT	135	232	185	47	101
ECE	87	134	41	93	51
EEE	26	35	3	32	15
Biomedical	23	44	0	44	16
Biotech	12	26	0	26	12
Auto	13	30	NA	30	13
Aero	50	55	NA	55	26
Civil	26	46	NA	46	26
Mech	108	142	NA	142	91
Total	480	744	229	515	351

SOC - INTERNSHIP/MAJOR PROJECT

S.No	Name of the Industry	Location	Students Accepted	Dept.
1	ATS Global Techsoft Pvt Ltd	Bangalore	20	CSE & IT
2	Merck Group	Bangalore	3	CSE & IT
3	Drive sme Technologies Private Limited	Bangalore	2	CSE & IT
4	Aatral Creations	Chennai	3	CSE & IT
5	Airosspace R&d Private Limited	Chennai	4	CSE & IT
6	Ather Energy Private Limited	Chennai	2	CSE & IT
7	Esmito Solutions Pvt Ltd	Chennai	6	CSE & IT
8	Fib-sol Life Technologies Pvt. Ltd	Chennai	2	CSE & IT
9	National Informatics Centre	Chennai	6	CSE & IT
10	FXMKT Technologies	Chennai	20	CSE & IT

SOC - INTERNSHIP/MAJOR PROJECT

S.No	Name of the Industry	Location	Students Accepted	Dept.
11	SNK Market Data & Research	Chennai	15	CSE & IT
12	Sankara Nethralaya	Chennai	6	CSE & IT
13	Spritle Software	Chennai	2	CSE & IT
14	SIAM Computing	Chennai	6	CSE & IT
15	Grepthor Software Solutions Pvt Ltd	Hyderabad	3	CSE & IT
16	Novel IRS	Hyderabad	2	CSE & IT
17	Tata Consultancy Services	Hyderabad	2	CSE & IT
18	Gooffer Hyperlocal Pvt Ltd	Hyderabad	15	CSE & IT
19	Techweb Labs	Hyderabad	14	CSE & IT
20	Techimax	Hyderabad	3	CSE & IT

SOC - INTERNSHIP/MAJOR PROJECT

S.No	Name of the Industry	Location	Students Accepted	Dept.
21	Telecommunications Consultants India Ltd (TCIL)	New Delhi	2	CSE & IT
22	Railtel Corporation of India Ltd	New Delhi	3	CSE & IT
23	DRDO-DTRL	New Delhi	6	CSE & IT
24	Centre for Railway Information Systems	New Delhi	3	CSE & IT
25	Cintana Technology	Chennai	2	CSE & IT
26	Council of Scientific & Industrial Research (CSIR)	Nagpur	3	CSE & IT
27	Cuetin Private Limited	Hyderabad	3	CSE & IT
28	Gnarus Solutions Private Limited	Bangalore	12	CSE & IT
29	Indian Computer Emergency Response Team (CERT-IN)	New Delhi	9	CSE & IT
30	Indian Space Research Organisation	Ahmedabad	2	CSE & IT

SOC - INTERNSHIP/MAJOR PROJECT

S.No	Name of the Industry	Location	Students Accepted	Dept.
31	Nprodax Technologies Pvt Ltd	Hyderabad	3	CSE & IT
32	Wta technologies	Hyderabad	6	CSE & IT
33	Anicha Digital Infrastructure Private	Chennai	2	CSE & IT
34	Bewingz Electric Bikes	Chennai	4	CSE & IT
35	Kittivaasal Technologies Opc Pvt Ltd.	Chennai	3	CSE & IT
36	Pirates corp	Chennai	1	CSE & IT
37	Stay Smart Solutions Pvt Ltd	Hyderabad	1	CSE & IT
38	Voltuswave Technologies India Pvt.Ltd.	Hyderabad	1	CSE & IT
39	Pyroferous	Chennai	20	CSE & IT
40	Wolfers Technology	Chennai	10	CSE & IT

SOEC - INTERNSHIP/MAJOR PROJECT

S.No	Name of the Industry	Location	Students Accepted	Dept.
1	IIITDM	Kanchipuram	4	ECE
2	Gnarus Solutions	Bangalore	8	ECE, CSE
3	LED Chip Indus Pvt Ltd	Hyderabad	12	ECE, EEE, Biomedical, Mech
4	Azeriri Pvt Ltd	Chennai	12	EEE, ECE
5	Medcuore Medical Solutions Pvt Ltd	Chennai	19	ECE, Biotech, Biomedical
6	Amudhavel motors Pvt Ltd	Chennai	6	ECE, EEE
7	Solinas Integrity Pvt Ltd	Chennai	6	ECE, EEE
8	Tera Lumen	Chennai	3	ECE, EEE
9	Ananth Technologies	Hyderabad	3	ECE
10	Pentagon Rugged Systems	Hyderabad	6	ECE, Mech

SOEC - INTERNSHIP/MAJOR PROJECT

S.No	Name of the Industry	Location	Students Accepted	Dept.
11	Gooffer Hyperlocal Pvt Ltd	Hyderabad	3	ECE
12	NIWE	Chennai	6	ECE, EEE
13	Auto Intell Services	Pune	6	ECE
14	Ithots Technologies	Chennai	6	ECE
15	Tescom	Bangalore	3	ECE, EEE
16	Amco Batteries	Chennai	3	ECE, EEE
17	Airrospace	Chennai	4	ECE, EEE
18	Voltme motors	Hyderabad	6	ECE, EEE
19	Nanda infotech	Coimbatore	12	ECE, EEE, Biomedical
20	Datalog Controls and Solutions Pvt Ltd	Hyderabad	3	ECE, EEE

SOEC - INTERNSHIP/MAJOR PROJECT

S.No	Name of the Industry	Location	Students Accepted	Dept.
21	CAIR DRDO	Bangalore	3	ECE
22	Nucleonix Systems Pvt Ltd	Hyderabad	10	ECE, EEE
23	Ucal Fuels	Chennai	3	ECE, EEE
24	Access Solar Ltd	Hyderabad	6	ECE, EEE
25	Rd Electro Circuits Pvt Ltd	Pune	3	ECE, EEE
26	SLN Technologies	Chennai	6	ECE, EEE
27	Lab To Market	Bangalore	6	ECE
28	Zeta Smart Computing Pvt Ltd	Hyderabad	9	ECE
29	Rectifiers And Electronics Pvt Ltd	Hyderabad	3	EEE
30	CABS DRDO	Bangalore	3	ECE

SOEC - INTERNSHIP/MAJOR PROJECT

S.No	Name of the Industry	Location	Students Accepted	Dept.
31	Kone Elevators	Chennai	3	ECE
32	National Institute Of Ocean Technologies	Chennai	3	ECE, EEE
33	Amara Raja Batteries	Tirupathi	4	ECE, EEE, Mech
34	IIIT	Hyderabad	3	ECE
35	Variturn Electro Products	Hyderabad	3	ECE, EEE
36	ICMR	Chennai	1	Biotech
37	CSIR NEERI	Chennai	1	Biotech
38	Sai Mirra Innopharm Pvt Ltd	Chennai	6	Biotech
39	Green Nano Technologies Pvt Ltd	Chennai	3	Biotech
40	Parks Biolabs LLP	Chennai	6	Biotech
41	CSIR CLRI	Chennai	6	Biomedical
42	3D verse Innovative Technologies PVt Ltd	Chennai	6	Biomedical

Internship - Aeronautical

S.No	Name Of Industry	Location	Students Accepted
1	Aiotize	Bangalore	1
2	Airosspace R&d	Chennai	3
3	Airosspace R&d Pvt. Ltd	Chennai	3
4	Aswathi Industries Limited	Maharastra	2
5	Magnumwings	Guntur	6
6	Tafe	Chennai	2
7	Ucal	Chennai	6
8	Ucal	Chennai	6
9	Vaayusastra Aerospace	Chennai	14
10	Windstream Techonoliges	Hyderabad	6
11	Wish Energy Solution	Pune	6

Internship - Automobile

S.NO	Name of Industry	Location	Students Accepted
1	Deccan auto limited	Hyderabad	6
2	Kusalava international private limited	Vijayawada	1
3	India pistons limited	Chennai	3
4	Greaves cotton limited	Ranipet	2
5	Voltme motors Pvt Ltd	Hyderabad	2
6	J B M Auto Ltd	Chennai	16



Internship - Civil

S.N O	Name of Industry	Location	Students Accepted
1	Andhra Pradesh Solar Power Corporation Pvt Ltd	Andhra Pradesh	3
2	Anurag Architectural Associates Pvt Ltd	Varanasi, Up	3
3	Aparna Constructions And Estates Pvt Ltd	Telangana	6
4	BSR Infratech India Ltd	Bangalore	3
5	Central Public Works Department (CPWD)	Chennai	3
6	CPWD	Bhilai	1
7	Heliware	Haryana	1
8	L&T ECC	Chennai	3
9	PWD	Sohra, Meghalaya	3
10	PWD (Irrigation And Cad Department Sub Division Nalgonda)	Telangana	6
11	Rajparis Constructions	Chennai	6
12	Rajparis Constructions	Chennai	3
13	SRC Infra Project Pvt Ltd	Bangalore	5

Internship - Mechanical

S.NO	Name of Industry	Location	Students Accepted
1	Amudhavel Motors	Chennai	3
2	Anand Automotive Group	Chennai	6
3	Arai	Pune	11
4	Bharat Fritz Werner Limited	Bangalore	3
5	Brakes India Private Limited	Chennai	3
6	Cal-on Industries Limited	Hyderabad	2
7	CAPCP	Chennai	10
8	Deccan Auto	Hyderabad	5
9	Deccan Cements	Hyderabad	2
10	Diesel Traction Training Center South Central Railway	Guntakal	3
11	Fabforge Innovations Pvt Ltd	Coimbatore	6
12	Flowell Pump Industries	Hyderabad	3
13	GARC	Chennai	12

Internship - Mechanical

S.NO	Name of Industry	Location	Students Accepted
14	Grg Metal Finishers	Kakkalur	3
15	Haritha Seatings	Hosur	3
16	Hobel Bellows	Hyderabad	5
17	India Pistons Ltd	Chennai	6
18	Isuzu Motors India Private Limited	Sricity, Tada	1
19	Itc Paperboard	Hyderabad	1
20	Kubota Agricultural Machinery India Pvt Ltd	Sripermbudur	1
21	Kusalava International Auto Limited	Hyderabad	1
22	Led Chip	Hyderabad	3
23	Magnetic Faac	Chennai	2
24	Nassa Polymers	Kakkalur	3

Internship - Mechanical

S.NO	Name of Industry	Location	Students Accepted
25	Rakesh Machine Tools	Hyderabad	3
26	Rapid Rock Tool Pvt Limited	Hyderabad	3
27	Rayalaseema Thermal Power Plant	Kadappa	2
28	Roop Automotive	Sriperumbudur	5
29	Shardlow India Limited	Chennai	7
30	Skm Technonolgies	Hyderabad	3
31	Squaremag Systems	Hyderabad	2
32	Tata Boeing Aerospace Ltd	Hyderabad	1
33	Tata Steels Limited	Jamdeshpur	1
34	Tbi - Vel Tech	Chennai	5
35	Tvs Brakes India	Sholingur	3
36	Vizag Steel Plant	Vizag	3
37	Windstream Technologies	Hyderabad	6

MEMORANDUM OF UNDERSTANDING

<u>S.NO</u>	MoU No.	Name of the Organization	Date of Signing	Purpose of MoU	Place
1	326	Autointell Services	06.09.2021	Project, IPT,GL, IV	Pune
2	327	Nandha Infotech Pvt Ltd	29.09.2021	Project, IPT,GL, IV	Coimbatore
3	330	Igarashi Motors India Limited	25.10.2021	Academics, R&D and Consultancy	Chennai
4	331	Voltme Motors Pvt Ltd	23.09.2021	Project, IPT,GL, IV	Hyderabad
5	334	Magnetic FAAC India Pvt Ltd	08.12.2021	Project, IPT,GL, IV	Chennai
6	335	Prathista Industries Limited	14.01.2022	Project, IPT,GL, IV, Faculty exchange, joint research	Hyderabad
7	336	Tripura Biotech Limited	14.01.2022	Project, IPT,GL, IV, Faculty exchange, joint research	Hyderabad
8	337	Vaishavi Biotech Limited	14.01.2022	Project, IPT,GL, IV, Faculty exchange, joint research	Hyderabad
9	339	My Assessment India	01.10.2021	Training Program	Bangalore
10		GoOffer Hyperlocal India Pvt Ltd	Under process	Project, IPT,GL, IV	Hyderabad

SKILL DEVELOPMENT PROGRAM

1. CNC Programming & Operational techniques in VMC (Fanuc Controller)
2. CNC Programming & Operational techniques in VMC (Siemens Controller)
3. CNC Programming & Operational techniques in Turning Center (Fanuc Controller)
4. CNC Programming & Operational techniques in Turning Center (Siemens Controller)
5. CNC Programming & Operational techniques in HMC





Vel Tech
Rangarajan Dr. Sagorahala
Institute of Science and Technology
(Government Company) Chennai-600 076



**Skill Development Certification
Courses at NIDHI Centre of Excellence
Vel Tech TBI**

CNC Programming & Operational techniques in Vertical Machining Centre	Specialized Course on Welding Techniques - TIG	Specialized Course on Welding Techniques - MIG, MMG
CNC Programming & Operational techniques in Turning Center	Course's offered	Specialized Course on CNC Wire cut EDM
Specialized Course on CNC 3D Coordinate Measuring Machine (CMM)	Specialized Course on PCB design & assembly	Training on VMC and CNC Turning Machines in Both SIEMENS & FANUC Controllers

Manufacturing Centre of Excellence at Vel Tech TBI contains a wide range of High fabrication facilities and CNC Precision machining facilities. This institute has well trained and highly motivated training faculty who has certified from ASDC training institute to provide training comparable to any international standards in Vocational training. The emphasis of training is to develop clear concepts and upgrade the skills.

SKILL DEVELOPMENT PROGRAM

6. Specialized Course on Welding Techniques (TIG)
7. Specialized Course on Welding Techniques (MIG/MAG)
8. Specialized Course on CNC Wire cut EDM
9. Specialized Course on CNC 3D Co-Ordinate Measuring Machine (CMM)
10. Specialized Course on PCB Design and Assembly – 105 ECE students and 2 IT students earned one credit through this course.



SkillSonics is an international provider of apprenticeship training and professional skills development. SkillSonics implements training programs for apprentices, trainers, examiners and vocational education experts throughout the world. It is based in Switzerland and India.

Partnering for Skill Training

**Aeronautical Sector Skill Council (ASSC),
Central Board of Skill Development & Entrepreneurship,
India.**



**Aeronautical Sector
Skill Council (ASSC)**
विमानिकी क्षेत्र कौशल परिषद
Board of India Sector Skill Council

Respected Sir, Greetings from Aeronautical Sector Skill Council. We would like to collaborate with your esteemed organization for providing opportunities to your students to bridge the gap between aviation/aerospace industry requirements and their academics by developing their skills and enhancing their knowledge through various skill enhancement programs. The detailed MOU is attached in this mail. Kindly refer to it for more details.

For any further clarification, Kindly feel free to contact us

Call: +91-9497215111

Mail: info.asscindia@gmail.com

Web: www.asscindia.in



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

CONSULTANCY PROJECTS

<u>S.NO</u>	NAME OF THE FACULTY	FACULTY ID	TITLE OF THE PROJECT	CLIENT NAME	VALUE (Rs)	PAYMENT RECEIVED
1	Dr.Hari Sivasri Phanindra	TTS3195	Safety audit report of RUI Laboratories Pvt Ltd, Vishakkapatnam	S4 Scientifics Consultant Engineers, Hyderabad	15,000	15.09.2021
2	Dr.Hari Sivasri Phanindra	TTS3195	Safety Audit and review of existing OSEP for Various division in M/S. Srikalahasthi Pipes Limited	Varaanga Engineers	1,50,000	12.11.2021
3	Mr. Udhaya kumar. T	TTS2327	Mix Design and Test Report for M25, M35 AND M45 grade of cement concrete sample	The Divisional Engineer/ Central/ MAS / Southern Railway Chennai division	15,000	13.01.2022
4	Dr.Hari Sivasri Phanindra	TTS3195	Fire safety audit	Hetero Drugs, Choutapally, Telangana	45,000	31.01.2022

EVENT



8

Themes

54

Institutions

350

Abstracts

8

Corporate Juries

Rs. 2.5 Lakhs
Worth Prizes

Best start up idea/Business Potential award,
Best Interdisciplinary award,
Best Innovation award.
Best Environment Sustainability award.
Best Measurable award.
Best Prototype award.
Best Scalability Innovation award.
Best Team Work award.
Best Video Making award.
Encouragement prize award



Valedictory Chief Guest

**Shri. Sivarajah
Ramanathan**

CEO at Tamilnadu Startup and
Innovation Mission
Additional Director(in-charge), EDII
Founder & CEO - NATIVELEAD



In the Grand Finale, Winning team will offer technical solutions to real-world problems and win prizes worth up to Rs.1,00,000/-.

Perks announced for teams selected for Grand Finale of SIH 2022:

1. Convert the same problem statement and Solution as your minor Project and earn 4 Academic Credits
2. You will get a national visibility and wide range of opportunities for converting your idea into a product.
3. Winning teams will get additional cash award from the institution

Glimpse about process flow of SIH 2022

- In SIH 2022, **309** Problem Statements were posted by Central & State Ministries, Departments, PSUs, Industries & NGOs that includes 42 hardware and 267 Software categories.
 - Students has to **form a team** of 6 members, select one PS and compete in the internal hackathon
 - The best 5 teams + 2 waitlisted teams from software category and best 2 teams + 2 waitlisted teams from Hardware category of the internal hackathon will be **nominated** from the institution.
 - Minimum 85 teams are expected to compete in internal hackathon with a dept. wise target as CSE - 20 teams, IT - 5 teams, ECE – 15 teams, EEE – 5 teams, MECH – 10 teams, AERO – 5 teams, AUTO – 5 teams, CIVIL – 10 teams, Biotech – 5 teams and Biomedical – 5
-

OPEN INNOVATION CHALLENGE – 2021 (VIRTUAL)

- Focus on **Aatmanirbhar Bharat Abhiyan**
- Idea are Invited from E-waste/ Plastic Waste/ manufacturing 4.0/ 3D Printing/ Fabrication Chips/IoT/Data Science/AL&ML/Other Emerging Areas



No of Colleges	No of Teams	No of Emerging Area	No of Evaluation Round	No of Awards
66	253	10	4	28

FACULTY DEVELOPMENT PROGRAMME

- One week Faculty Development Programme from 25th to 29th October 2021 on **Computer Vision and Deep Learning using NVIDIA-DGX I** facility of Vel Tech TBI by Boston IT Solutions – 30 CSE Faculty completed the FDP. .
- One week Faculty Development Programme from 31st January to 4th February 2022 on **Data Science with Python** using NVIDIA-DGX I facility of Vel Tech TBI by Boston IT Solutions. - 40 ECE Faculty participating in the FDP.



CONTACT ESTABLISHMENTS

- Reached more than 2000 R&D institutions through email explaining the research facility at our institute and inviting them for collaboration. .
 - Every day reviewing 18 visit files and sending follow-up emails highlighting our recent achievements, show casing the facilities and inviting the industries to re-establish the contacts.
-

ZF WABCO INDIA PRIVATE LIMITED

IS ESTABLISHING CENTRE OF EXCELLENCE ON
INTERNET OF THINGS(IoT/ SMART FACTORY) WITH
THEIR CSR FUND



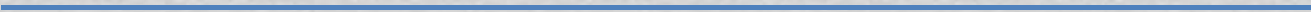
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



WABCO



Thank You



Appendix H

Faculty Selection Committee

VEL TECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

LIST OF FACULTY RECRUITED SINCE LAST BOM (25TH SEP 2021)

Sl.No	FACULTY ID	FACULTY NAME	DESIGNATION	QUALIFICATION	DEPARTMENT	DATE OF JOINING
1	TTS 3309	PREMALATHA. P	ASSISTANT PROFESSOR	B.E(MED. ELEC), M.E(MED. ELEC)	BIOMEDICAL	02-NOV-2021
2	TTS 3342	GEETHIKA. M	ASSISTANT PROFESSOR	B.TECH(BIOTECH),M.E(BIO TECH)	BIOTECH	08-JAN-2022
3	TTS 3302	Dr.JANNATH NISHA. O.S	ASSOCIATE PROFESSOR	B.E(CSE),M.E(CSE),Ph.D(CSE)	CSE	05-OCT-2021
4	TTS 3301	Dr.DEEPAK RAJ. D.M	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE),Ph.D(CSE)	CSE	06-OCT-2021
5	TTS 3305	AHAMED HARIS	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE)	CSE	20-OCT-2021
6	TTS 3321	Dr. RAMESH. P.S	ASSISTANT PROFESSOR	B.E(CSE), M.E(CSE), Ph.D(ICE)	CSE	03-DEC-2021
7	TTS 3317	Dr. GURU VIMAL KUMAR. M	ASSISTANT PROFESSOR	B.TECH(IT), M.E(CSE), Ph.D(ICE)	CSE	06-DEC-2021
8	TTS 3313	SIVARANJANI. S	ASSISTANT PROFESSOR	B.E(CSE),M.TECH(IT)	CSE	07-DEC-2021
9	TTS 3314	BHUVANESHWARI. G	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE)	CSE	07-DEC-2021
10	TTS 3318	KANIMOZHI. J	ASSISTANT PROFESSOR	B.TECH(IT),M.TECH(CSE)	CSE	14-DEC-2021
11	TTS 3325	KARPAGALAKSHMI. K	ASSISTANT PROFESSOR	B.TECH(IT),M.E(CSE)	CSE	21-DEC-2021
12	TTS 3326	BENISHA. S	ASSISTANT PROFESSOR	B.TECH(ICT),M.TECH(ICT)	CSE	21-DEC-2021
13	TTS 3327	MURUGAN. P	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE)	CSE	21-DEC-2021
14	TTS 3328	PRIYA. K	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE)	CSE	21-DEC-2021
15	TTS 3361	DIVYA SUNDAR.V.S	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE)	CSE	27-Dec-21
16	TTS 3363	D.SANTHADEVI	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE)	CSE	27-Dec-21
17	TTS 3336	RADHIKA. R	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE)	CSE	28-DEC-2021

VEL TECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY
LIST OF FACULTY RECRUITED SINCE LAST BOM (25TH SEP 2021)

SI.No	FACULTY ID	FACULTY NAME	DESIGNATION	QUALIFICATION	DEPARTMENT	DATE OF JOINING
18	TTS 3329	SURESH.K	ASSISTANT PROFESSOR	B.TECH(IT),M.E(CSE)	CSE	29-Dec-21
19	TTS 3345	Dr. GOKULNATH. C	ASSISTANT PROFESSOR	B.TECH(IT), M.TECH(NET WORK)), Ph.D(IT)	CSE	10-JAN-2022
20	TTS 3324	MANOJ.S	ASSISTANT PROFESSOR	B.E(CSE),M.E(CSE)	CSE	31-Jan-22
21	TTS 3310	Dr. BAKIYA. A	ASSOCIATE PROFESSOR	B.E(ECE), M.E(VLSI DESIGN), Ph.D((ICE)	ECE	03-NOV-2021
22	TTS 3311	Dr.SANJOY DEBNATH	ASSISTANT PROFESSOR	B.E(ECE),M.TECH(COMM. SIG. PRO. ENGG),Ph.D(E	ECE	16-NOV-2021
23	TTS 3319	SALEEMNAWAZ. M.A	ASSISTANT PROFESSOR	B.E(ECE), M.TECH(EMB SYS & TECH)	ECE	26-NOV-2021
24	TTS 3330	Dr.THENAPPAN. S	ASSISTANT PROFESSOR	B.E(ECE),M.E(VLSI DESIGN),Ph.D(ICE)	ECE	23-DEC-2021
25	TTS 3332	SUBHA. K. J	ASSISTANT PROFESSOR	B.E(ECE),M.E(COMM.SYS)	ECE	23-DEC-2021
26	TTS 3333	Dr. SASIKUMAR. A	ASSISTANT PROFESSOR	B.E(ECE),M.E(VLSI DESIGN),Ph.D(VLSI)	ECE	23-DEC-2021
27	TTS 3346	NANDHINI. K	ASSISTANT PROFESSOR	B.E(ECE),M.E(VLSI DESIGN)	ECE	27-DEC-2021
28	TTS 3347	KARTHICK. S	ASSISTANT PROFESSOR	B.E(EIE),M.E(VLSI DESIGN)	ECE	27-DEC-2021
29	TTS 3343	DASARI NAGA VINOD	ASSISTANT PROFESSOR	B.E(ECE),M.TECH(EMB SYS)	ECE	12/27/2021
30	TTS 3335	MARIYA CELIN. T. A	ASSISTANT PROFESSOR	B.E(ECE),M.E(COMM.SYS)	ECE	28-DEC-2021
31	TTS 3334	Dr.GULOTHUNGAN. G	ASSISTANT PROFESSOR	B.TECH(ECE), M.E(EMB. SYS), Ph.D(EIE)	ECE	07-JAN-2022
32	TTS 3355	RASHMITA. S	ASSISTANT PROFESSOR	B.E(ECE),M.E(VLSI DESIGN)	ECE	19-JAN-2022
33	TTS 3340	RAJESH KUMAR. D	ASSISTANT PROFESSOR	B.E(ECE), M.E(COMM SYS)	ECE	22-JAN-2022
34	TTS 3337	Dr. SILAMBARASAN. A	ASSISTANT PROFESSOR	B.SC(CHEM), M.SC(CHEM), Ph.D(CHEM)	CHEMISTRY	31-DEC-2021

VEL TECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

LIST OF FACULTY RECRUITED SINCE LAST BOM (25TH SEP 2021)

SI.No	FACULTY ID	FACULTY NAME	DESIGNATION	QUALIFICATION	DEPARTMENT	DATE OF JOINING
35	TTS 3344	Dr. GAYATHRI. J	ASSISTANT PROFESSOR	B.SC(CHEM), M.SC(CHEM), Ph.D(CHEM)	CHEMISTRY	06-JAN-2022
36	TTS 3338	SANKAR. R	ASSISTANT PROFESSOR	B.SC(MATHS),M.SC(MATHS),M.PHIL(MATHS)	MATHS	04-JAN-2022
37	TTS 3339	NAVANEETHA KRISHNAN. R	ASSISTANT PROFESSOR	B.SC(MATHS), M.SC(MATHS), M.PHIL(MATHS)	MATHS	04-JAN-2022
38	TTS 3341	Dr.MANIKANDAN. A	ASSISTANT PROFESSOR	M.A(ENG),M.PHIL(ENG), Ph.D	ENGLISH	06-JAN-2022
39	TTS 3352	VINOTHKUMAR. M	ASSISTANT PROFESSOR	B.A(Eng Lit),M.A(ENG),M.PHIL(ENG)	ENGLISH	13-JAN-2022
40	TTS 3351	Dr.JAYAPRAKASH. K	ASSISTANT PROFESSOR	M.SC(PHY),M.TECH(NANO-TECH),Ph.D	PHYSICS	21-JAN-2022
41	TTS 3308	Dr.MANOJ. G	ASSISTANT PROFESSOR	M.B.A(HRM),M.PHIL(MAGT),Ph.D	MBA	26-OCT-2021
42	TTS 3312	RAMESH KUMAR. S	ASSISTANT PROFESSOR	B.COM.,M.COM.,M.PHIL.,	BUSINESS ADMINISTRATION	15-NOV-2021
43	TTS 3349	MAHESWARI. S	ASSISTANT PROFESSOR	B.A(ENG),M.A(ENG),M.PHIL(ENG)	BUSINESS ADMINISTRATION	21-JAN-2022
44	TTS 3360	PAVETHRA. R	ASSISTANT PROFESSOR	B.COM.,M.COM.,M.PHIL.,	BUSINESS ADMINISTRATION	25-JAN-2022
45	TTS 3315	HARI HARA SUDHAN. K	ASSISTANT PROFESSOR	B.A, LL.B(LAW),L.L.M(LAW)	LAW	10-DEC-2021
46	TTS 3316	ASHOK KUMAR. R	ASSISTANT PROFESSOR	B.SC(CS),L.L.B(LAW),L.L.M(LAW)	LAW	13-DEC-2021
47	TTS 3323	Dr.SAKTHI PRIYA. K	ASSOCIATE PROFESSOR	B.A(ECO),M.A(ECO),Ph.D(ECONOMICS)	LAW	15-DEC-2021
48	TTS 3322	VARGHESE. R	ASSISTANT PROFESSOR	L.L.B(LAW),L.L.M(LAW)	LAW	15-DEC-2021
49	TTS 3331	Dr.ILLAKIYA. K	ASSISTANT PROFESSOR	B.COM, M.A(PUB. ADM), Ph.D(PUB. ADM)	LAW	22-DEC-2021
50	TTS 3356	SURENDAR.M	ASSISTANT PROFESSOR	L.L.B(LAW),L.L.M(LAW)	LAW	12/27/2021
51	TTS 3362	KRISHNA CHARAN.J	ASSISTANT PROFESSOR	L.L.B(LAW),L.L.M(LAW)	LAW	12/27/2021

VEL TECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

LIST OF FACULTY RECRUITED SINCE LAST BOM (25TH SEP 2021)

Sl.No	FACULTY ID	FACULTY NAME	DESIGNATION	QUALIFICATION	DEPARTMENT	DATE OF JOINING
52	TTS 3354	Dr.SRINIVASAN. S	PROFESSOR	M.A(ENG).,M.PHIL(ENG).,Ph.D	LAW	12-JAN-2022
53	TTS 3357	DEEPIKA. S	ASSISTANT PROFESSOR	B.A.B.L(LAW).,L.L.M(LAW)	LAW	20-JAN-2022
54	TTS 3359	SATYANARAYANA PAMARTHI	ASSISTANT PROFESSOR	L.L.B(LAW).,L.L.M(LAW)	LAW	20-JAN-2022
55	TTS 3358	VARRSHA. R.K	ASSISTANT PROFESSOR	B.A, LL.B(LAW).,L.L.M(LAW)	LAW	24-JAN-2022
56	TTS 3304	FEROZ KHAN. R	ASSISTANT PROFESSOR	B.SC(VIS. COM), M.SC(ELEC. MEDIA),	MEDIA	26-OCT-2021

Appendix I

Career Advancement Scheme(CAS)

VEL TECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

Guidelines for Promoting under CARRER ADVANCEMENT SCHEME(CAS)

- Faculty possessing Ph.D. Qualification and with Teaching experience of 13 years and above are considered for Professor Cadre.
- Faculty possessing Ph.D. Qualification and with Teaching experience of 8 years and above are considered for Associate Professor Cadre.

LIST OF FACULTY PROMOTED AS PROFESSOR THROUGH CAS w.e.from 26th Dec 2021

S.No.	ID No	Name	Dept	PRESENT DESIGNATION	PROMOTED AS	DOJ	Total Teaching Experience
1	TTS 1244	Dr.M.RAJEEV KUMAR	CSE	ASSOCIATE PROFESSOR	PROFESSOR	08-NOV-2008	13.2 Y
2	TTS 1577	DR.N. RAJKUMAR	CSE	ASSOCIATE PROFESSOR	PROFESSOR	13-DEC-2010	20 Y
3	TTS 3213	Dr.JAGAN. S	CSE	ASSOCIATE PROFESSOR	PROFESSOR	23-FEB-2021	14.9 Y
4	TTS 3217	Dr.SRIDEVI. S	CSE	ASSOCIATE PROFESSOR	PROFESSOR	03-MAR-2021	17 Y
5	TTS 3224	Dr.BHAGYALAKSHMI. A	CSE	ASSOCIATE PROFESSOR	PROFESSOR	13-MAR-2021	17.4 Y
6	TTS 3230	Dr. MUKUNTHAN. M.A	CSE	ASSOCIATE PROFESSOR	PROFESSOR	24-MAR-2021	17.8 Y
7	TTS 3208	Dr.KAVITHA. A	CSE	ASSOCIATE PROFESSOR	PROFESSOR	10-FEB-2021	13 Y
8	TTS 3255	Dr. SENTHIL KUMAR. A.M	CSE	ASSOCIATE PROFESSOR	PROFESSOR	07-MAY-2021	15 Y
9	TTS 475	Dr.V.S.HEMAKUMAR	ECE	ASSOCIATE PROFESSOR	PROFESSOR	07-APR-2004	17.8 Y
10	TTS 1863	Dr.P.CHANDRA KUMAR	MECH	ASSOCIATE PROFESSOR	PROFESSOR	26-MAR-2013	13 Y

VEL TECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

LIST OF FACULTY PROMOTED AS ASSOCIATE PROFESSOR THROUGH CAS w.e.from 26th Dec 2021

S.No.	ID No	Name	Dept	PRESENT DESIGNATION	PROMOTED AS	DOJ	Total Teaching Experience
1	TTS 2274	Dr.G. SURENDAR	AERO	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	14-OCT-2015	7.5 Y
2	TTS 2576	Dr.LOGESHWARI. J	CIVIL	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	15-SEP-2017	7.5 Y
3	TTS 1311	DR.N.K. SENTHIL KUMAR	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	07-JUL-2009	12.4 Y
4	TTS 2928	DR.J.ARUN PANDIAN	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	17-DEC-2019	6 Y
5	TTS 2947	DR.K.SEETHALAKSHMI	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	26-FEB-2020	7.8 Y
6	TTS 3205	Dr. YOGESH. C	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	01-FEB-2021	7.9 Y
7	TTS 3226	Dr.PETER SOOSAI ANANDARAJ. A	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	17-MAR-2021	9 Y
8	TTS 3231	Dr. GOKULDHEV. M	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	26-MAR-2021	9.5 Y
9	TTS 3265	Dr.VATCHALA. S	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	03-AUG-2021	10.3 Y
10	TTS 3274	Dr. MURALIDHAR. M.S	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	09-AUG-2021	11.9 Y
11	TTS 3275	Dr. RAJESH KAMBATTAN. K	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	09-AUG-2021	14 Y
12	TTS 3285	Dr.PADMANABAN. R	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	18-AUG-2021	7.4 Y
13	TTS 3302	Dr.JANNATH NISHA. O.S	CSE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	05-OCT-2021	9 Y
14	TTS 2782	Dr.VALLIAMMAI. M	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	03-JAN-2019	8 Y
15	TTS 3082	Dr. VELMURUGAN. S	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	27-JAN-2020	8.5 Y
16	TTS 3127	Dr.SUBITHA. D	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	21-AUG-2020	17 Y 10 Y
17	TTS 3128	Dr. OUDAYA COUMAR. S	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	20-AUG-2020	10.4 Y
18	TTS 3298	Dr. HELINA RAJINI SURESH	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	13-SEP-2021	24 Y

S.No.	ID No	Name	Dept	PRESENT DESIGNATION	PROMOTED AS	DOJ	Total Teaching Experienc e
19	TTS 3310	Dr. BAKIYA. A	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	03-NOV-2021	8 Y
20	TTS 2780	Dr.R. SREELAKSHMY	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	26-DEC-2018	12.5 Y
21	TTS 1899	DR. SHAIENDRA KUMAR MISHRA	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	27-JUN-2013	8.5 Y
22	TTS 2208	DR. R. SANMUGA SUNDARAM	ECE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	29-JUN-2015	10 Y
23	TTS 2611	Dr.K.VINOTH	EEE	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	20-OCT-2017	11 Y



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AGENDA OF THE 51st MEETING OF THE BOARD OF MANAGEMENT on 28th May, 2022

A. Opening

- 51.1 To record the notice convening the 51st meeting of the Board of Management scheduled on May 28, 2022.
- 51.2 To inform the board about the leave of absence of the members.
- 51.3 To report and record the minutes of the 50th meeting of the Board of Management held on February 4, 2022.
- 51.4 To inform the board about the actions taken based on the minutes of the 50th meeting of the Board of Management held on February 4, 2022.
- 51.5 To report and record the agenda for the 51st meeting of the Board of Management scheduled on May 28, 2022.

B. Items for Consideration and Approval

- 51.6 To consider and approve the minutes of 39th meeting of the Academic Council held on May 6, 2022.
- 51.7 To consider and approve the minutes of 14th meeting of the Planning and monitoring(P&M) held on March 25, 2022.
- 51.8 To consider and approve the minutes of 28th meeting of the Finance Committee held on March 30, 2022.
- 51.9 To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on February 4, 2022.



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51.10 To discuss and approve the draft Strategic Plan 2021-26 of this Institution.

51.11 To consider and approve the Academic Calendar for the Academic year 2022-23.

C. Items for Discussions and Decisions

51.12 To discuss the activities of the following Offices during the academic year 2021-22 and their proposed activities for the Academic year 2022-23.

- a) Campus to Corporate
- b) Research & Development
- c) Quality Assurance

51.13 To discuss the proposed intake of students for different degree programmes coming under Engineering and Technology, Law / Management /Science and Humanities and Arts for the academic year 2022-23 and the new programmes to be offered from the Academic Year 2022-23.

D. Items for Ratification

51.14 To ratify the Revised Academic calendar for winter semester 2021-22.

51.15 To ratify the recommendations of the Faculty Selection Committee since last meeting of the BoM held on February 4, 2022.

E. Items for Reporting

51.16 To report and record the letters received from MHRD/UGC/AICTE/BCI/STATE GOVERNMENT and action taken thereof.

51.17 To report the recognition of M.Tech. Programme (Industrial Safety and Engineering) being conducted by Vel Tech, by the Government of Tamil



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Nadu under rule 3(i) (b) of Tamil Nadu Safety Officers Rules 2005 for appointment of safety officers in Factories.

F. Concluding

51.18 Any other item with the permission of the Chairperson.

51.19 To consider and approve the date for holding the next meeting of the BoM.

Vote of Thanks



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**THIRTY NINTH MEETING
OF
THE ACADEMIC COUNCIL
Friday, May 06, 2022**

MINUTES

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39.1 Call to Order and Approval of Agenda of the 39 th meeting of the Academic Council.	1
39.2 Confirmation of the minutes of 38 th meeting of the Academic Council held on Thursday, December 23, 2021.	1
39.3 To review the Action Taken Report on the minutes of the 38 th meeting of the Academic Council held on December 23, 2021.	1
39.4 To record leave of absence of the members.	2
B. Items for Consideration	2
39.5 To consider and approve the minutes of the Board of Studies of the following discipline:	2
39.6 To discuss and approve the UG & PG programmes to be offered for the Academic Year 2022-23.	13
C. Items for Ratification	17
39.7 To ratify the admissions under Re-Admission category for Winter Semester of the Academic Year 2021-22.	17
39.8 To ratify the admissions under Institution Transfer category for Winter Semester of the Academic Year 2021-22.	17
39.9 To ratify the examination results of Semester End Examination held during the Summer Semester of AY 2021-22.	18
39.10 To ratify the admissions of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Academic Year 2021-22.	19
D. Items for Reporting	20
39.11 To report starting of new programmes and closure of a few non viable programmes with effect from the Academic Year 2022-23.	20
39.12 To report the results of the Ph.D. viva voce conducted since last Academic Council held on December 23, 2021.	22
39.13 To report the Strategic Plan 21-26 of this Institution.	23

39.14 To record the progression and achievements of the following Schools :	24
39.15 To report the activities of the office of Campus to corporate.	24
E. Closing	25
39.16 Any other items with the permission of the Chairperson	25
39.17 To decide the date of holding the next meeting of the Academic Council.	25
39.18 Vote of Thanks.	25
39.19 Adjournment	25

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MINUTES OF THE 39th MEETING OF THE ACADEMIC COUNCIL

Friday, May 06, 2022, at
10.30 a.m.

The Vice Chancellor welcomed all the members and highlighted the achievements of the Institution deemed to be university.

A. Opening

39.1 Call to Order and Approval of Agenda of the 39th meeting of the Academic Council.

The Chairperson called to order and placed the agenda for confirmation which was circulated to members by e-mail.

The Council confirmed the agenda.

39.2 Confirmation of the minutes of 38th meeting of the Academic Council held on Thursday, December 23, 2021.

The minutes of the 38th meeting of the Academic Council held on December 23, 2021 were circulated to the members.

The draft minutes of the 38th meeting of the Academic Council can be accessed [here](#)



Appendix A

The minutes were confirmed.

39.3 To review the Action Taken Report on the minutes of the 38th meeting of the Academic Council held on December 23, 2021.

The Vice Chancellor, placed before the Academic Council to consider the Action Taken Report in respect of the 38th meeting of the Academic Council as described in Table 1.

Table 1: Action Taken Report in respect of 38th meeting of the Academic Council held on December 23, 2021

S.No	Decision Taken	Action Taken Report
1	Item No 38.05 - Page 02 To consider and approve the changes proposed in Regulations of PG Arts and Science Programmes VTR - PGAS - 2022	Action is being taken to incorporate the corrections as suggested by the members in the Regulations VTR-PGAS-2022.

The Council approved the Action Taken Report.

39.4 To record leave of absence of the members.

The list of members attended the 39th meeting of the Academic Council can be accessed [here](#)



Appendix Attendance

B. Items for Consideration

39.5 To consider and approve the minutes of the Board of Studies of the following discipline:

- Engineering and Technology - Under Graduate & Post Graduate Programmes

a) B.Tech. Aeronautical Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Aeronautical Engineering for **B.Tech. Aeronautical Engineering** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.R.Jagan Raj, Associate Professor & Head, Department of Aeronautical Engineering, presented the recommendations of the Board of Studies meeting conducted on March 12, 2022.

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



Appendix Aero

Dr.R.Jagan Raj, Associate Professor & Head, Department of Aeronautical Engineering, moved the recommendations of the Board of Studies of B.Tech. Aeronautical Engineering to be implemented with effect from the Winter semester of the Academic Year 2021-22, be approved.

Dr.Manoj.V.R, Associate Professor & Head, Department of Bio Technology, seconded it.

The motion was carried

b) B.Tech. Bio Medical Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Bio Medical Engineering for **B.Tech. Bio Medical Engineering** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr. N.M. Masoodhu Banu, Professor & Head, Department of Bio Medical Engineering, presented the recommendations of the 4th meeting of the Board of Studies conducted on January 30, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix BIOMED

Dr. N.M. Masoodhu Banu, Professor & Head, Department of Bio Medical Engineering, moved the recommendations of the Board of Studies of B.Tech. Bio Medical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

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

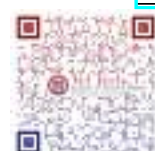
The motion was carried

c) **B.Tech. Biotechnology**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Biotechnology for **B.Tech. Biotechnology** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix BIOTECH

Dr.V.R.Manoj, Associate Professor & Head, Department of Biotechnology, moved the recommendations of the Board of Studies of B.Tech. Biotechnology to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr.P.Esther Rani, Professor & Head, Department of Electronics and Communication Engineering, seconded it.

The motion was carried

d) **B.Tech. Civil Engineering.**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Civil Engineering for **B.Tech. Civil Engineering** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.A. Geetha Selvarani, Professor & Head, Department of Civil Engineering, presented the recommendations of the Board of Studies meeting conducted on February 25, 2022.

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 Board of Studies of B.Tech. Civil Engineering to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. Masoodhu Banu.N.M, Professor & Head, Department of Biomedical Engineering, seconded it.

The motion was carried

e) B.Tech. Computer Science & Engineering.

The Vice Chancellor, placed before the Academic Council to consider the recommendation of the Board of Studies of Department of Computer Science & Engineering for **B.Tech. Computer Science & Engineering** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix CSE

Dr.V. Srinivasa Rao, Professor & Dean, School of Computing, moved the recommendations of the Board of Studies of B.Tech. Computer Science & Engineering to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. P. ChandraKumar, Professor & Dean, Industry Relations, seconded it.

f) B.Tech. Computer Science and Design.

The Vice Chancellor, placed before the Academic Council to consider the recommendation of the Board of Studies of Department of Computer Science and Design for **B.Tech. Computer Science and Design** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.V. Srinivasa Rao, Professor & Dean, School of Computing , presented the recommendations of the Board of Studies meeting conducted on March 26, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix CSE

Dr.V. Srinivasa Rao, Professor & Dean, School of Computing , moved the recommendations of the Board of Studies of B.Tech. Computer Science and Design to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. M. Sivakumar, Professor & Dean, Freshman Engineering, seconded it.

The motion was carried.

g) B.Tech. Artificial Intelligence and Machine Learning

The Vice Chancellor, placed before the Academic Council to consider the recommendation of the Board of Studies of Department of Computer Science and Engineering for **B.Tech. Artificial Intelligence and Machine Learning** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix AI&ML

Dr.V. Srinivasa Rao, Professor & Dean, School of Computing , moved the recommendations of the Board of Studies of B.Tech. Artificial Intelligence and Machine Learning to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. A. Subrahmanyam, Professor & Dean, School of Law, seconded it.

h) B.Tech. Artificial Intelligence and Data Science

The Vice Chancellor, placed before the Academic Council to consider the recommendation of the Board of Studies of Department of Computer Science and Engineering for **B.Tech. Artificial Intelligence and Data Science** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.V. Srinivasa Rao, Professor & Dean, School of Computing , presented the recommendations of the Board of Studies meeting conducted on March 26, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix AI&DS

Dr.V. Srinivasa Rao, Professor & Dean, School of Computing , moved the recommendations of the Board of Studies of B.Tech. Artificial Intelligence and Data Science to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. P. Chandrasekar, Professor & Head, Department of Electrical & Electronics Engineering, seconded it.

The motion was carried.

i) B.Tech. Electrical and Electronics Engineering.

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Electrical and Electronics Engineering for **B.Tech. Electrical and Electronics Engineering** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.P.Chandrasekar, Professor & Head, Department of Electrical and Electronics Engineering, presented the recommendations of the Board of Studies meeting conducted on February 26, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix EEE

Dr.P.Chandrasekar, Professor & Head, Department of Electrical and Electronics Engineering, moved the recommendations of the Board of Studies of B.Tech. Electrical and Electronics Engineering to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr.N. Lenin, Professor & Head, Department of Mechanical Engineering, seconded it.

The motion was carried.

j) B.Tech. Electronics and Communication Engineering.

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Electronics and Communication Engineering for **B.Tech. Electronics and Communication Engineering** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.P.Esther Rani, Professor & Head, Department of Electronics and Communication Engineering, presented the recommendations of the Board of Studies meeting conducted on February 26, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix ECE

Dr.P.Esther Rani, Professor & Head, Department of Electronics and Communication Engineering, moved the recommendations of the Board of Studies of B.Tech. Electronics and Communication Engineering to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr.Manoj.V.R, Associate Professor & Head, Department of Bio Technology, seconded it.

The motion was carried.

k) B.Tech. Information Technology.

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Information Technology for **B.Tech. Information Technology** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix IT

Dr.C.Mahesh, Professor & Head, Department of Information Technology, presented the recommendations of the Board of Studies meeting conducted on February 26, 2022.

Dr.C.Mahesh, Professor & Head, Department of Information Technology, moved the recommendations of the Board of Studies of B.Tech. Information Technology to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr.V.Jayasankar, Professor & Dean School of Electrical and Communication, seconded it.

The motion was carried.

l) B.Tech. Mechanical Engineering.

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Mechanical Engineering for **B.Tech. Mechanical Engineering** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.N. Lenin, Professor & Head, Department of Mechanical Engineering, presented the recommendations of the Board of Studies meeting conducted on February 26, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix MECH

Dr.N. Lenin, Professor & Head, Department of Mechanical Engineering, moved the recommendations of the Board of Studies of B.Tech. Mechanical Engineering to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. S.Baskar, Professor, Department of Electrical and Electronics Engineering, seconded it.

The motion was carried

• Law - Under Graduate Programmes

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

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of School of Law for **B.A.,LL.B. and B.Com., LL.B.** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix LAW

Dr. A. Subrahmanyam, Professor & Dean, School of Law, moved that "the recommendations of the Board of Studies of **B.A., LL.B. and B.Com., LL.B.** to be implemented with effect from the Winter Semester of the Academic Year 2021-22", be approved.

Dr.G.Sasikala, Professor, Department of Electronics and Communication Engineering, seconded it.

The motion was carried

• Arts and Science - Under Graduate Programmes

a) **B.Sc Multimedia.**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of School of Media Technology & Communication for **B.Sc Multimedia** to be implemented with effect from the Winter Semester

of the Academic Year 2021-22.

Dr. E. Suresh Paul, Professor & Dean - School of Media Technology & Communication, presented the recommendations of the Board of Studies meeting conducted on February 25, 2022.

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 Board of Studies of B.Sc Multimedia to be implemented with effect from the Summer Semester of the Academic Year 2021-22, be approved.

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

The motion was carried

b) B.Sc Visual Communication

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of School of Media Technology & Communication for **B.Sc Visual Communication** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr. E. Suresh Paul, Professor & Dean - School of Media Technology & Communication, presented the recommendations of the Board of Studies meeting conducted on February 25, 2022.

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 Board of Studies of B.Sc Visual Communication to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. V. Jayasankar, Professor & Dean School of Electrical and Communication, seconded it.

The motion was carried

c) B.Com.

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of School of Management for **B.Com., General**

to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.B.Jeyaprabha, Professor & Head, School of Management, presented the recommendations of the Board of Studies meeting conducted on March 03, 2022.

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



Appendix BCom_GEN

Dr.B.Jeyaprabha, Professor & Head, School of Management, moved the recommendations of the Board of Studies of B.Com. to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr.R.S. Valarmathi, Professor & Dean - Quality Assurance, seconded it.

The motion was carried

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

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of School of Management for **Bachelor of Business Administration** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.B.Jeyaprabha, Professor & Head, School of Management, presented the recommendations of the Board of Studies meeting conducted on March 03, 2022.

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



Appendix BBA

Dr.B.Jeyaprabha, Professor & Head, School of Management, moved the recommendations of the Board of Studies of Bachelor of Business Administration to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. S. Koteeswaran, Professor & Dean - Research Studies, seconded it.

The motion was carried

• Management - Post Graduate (PG) Programmes

a) Masters in Business Administration(M.B.A)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of School of Management for **Masters in Business Administration** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.M.S.R Mariyappan, Professor & Dean, School of Management, moved the recommendations of the Board of Studies of School of Management for **Masters in Business Administration** presented the recommendations of the Board of Studies meeting conducted on March 03, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix MBA

Dr.M.S.R Mariyappan, Professor & Dean, School of Management, moved the recommendations of the Board of Studies of School of Management for **Masters in Business Administration** to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr. Irudayaraj. S, Professor - Mechanical & Dean - Hostel, seconded it.

The motion was carried

b) Master of Business Administration - Innovation, Entrepreneurship and Venture Development

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of School of Management for **Master of Business Administration - Innovation, Entrepreneurship and Venture Development** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.M.S.R Mariyappan, Professor & Dean, School of Management, presented the recommendations of the Board of Studies of **Master of Business Administration - Innovation, Entrepreneurship and Venture Development** meeting conducted on February 16, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Dr.M.S.R Mariyappan, Professor & Dean, School of Management, moved the recommendations of the Board of Studies of **Master of Business Administration - Innovation, Entrepreneurship and Venture Development** to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved.

Dr.P.Esther Rani, Professor & Head, Department of Electronics and Communication Engineering, seconded it.

The motion was carried

• Arts and science- Post Graduate Programmes

a) M.A. (English)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of English for **M.A. (English)** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr. BINDU. M.R, Professor & Head, Department of English, presented the recommendations of the Board of Studies meeting conducted on February 21, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix English

Dr. BINDU. M.R, Professor & Head, Department of English, moved "that the recommendations of the Board of Studies of **M.A. (English)** to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved".

Dr. Subrahmanyam. A, Professor & Dean School of Law, seconded it.

The motion was carried

b) M.Sc. (Mathematics)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Mathematics for **M.Sc. (Mathematics)** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.SURESH. M.L, Professor & Head, Department of Mathematics, presented the recommendations of the Board of Studies meeting conducted on February 26, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix Maths

Dr.SURESH. M.L, Professor & Head, Department of Mathematics, moved "that the recommendations of the Board of Studies of **M.Sc. (Mathematics)** to be implemented with effect from the Winter Semester of the Academic Year 2021-22, be approved".

Dr. M.R. Bindu, Professor & Head, Department of English, seconded it.

The motion was carried

c) M.Sc. (Physics)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Physics for **M.Sc. (Physics)** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

Dr.D.Senthil Kumar, Associate Professor & Head, Department of Physics, presented the recommendations of the Board of Studies meeting conducted on February 25, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix Physics

Dr.D.Senthil Kumar, Professor & Head, Department of Physics, moved "that the recommendations of the Board of Studies of M.Sc in Physics to be implemented with effect from the Winter semester of the Academic Year 2021-22, be approved".

Dr.C.Mahesh, Professor & Head, Department of Information Technology, seconded it.

The motion was carried

d) M.Sc (Chemistry)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the Board of Studies of Department of Chemistry for **M.Sc. (Chemistry)** to be implemented with effect from the Winter Semester of the Academic Year 2021-22.

DR. C. Hazarathaiah Yadav, Associate Professor & Head, Department of Chemistry, presented the recommendations of the Board of Studies meeting conducted on February 26, 2022.

The Minutes of the BoS meeting

can be accessed [here](#)



Appendix Chemistry

DR. C. Hazarathaiah Yadav, Associate Professor & Head, Department of Chemistry, moved "that the recommendations of the Board of Studies of M.Sc. (Chemistry) to be implemented with effect from the Winter semester of the Academic Year 2021-22, be approved".

Dr. Irudayaraj. S, Professor - Mechanical & Dean - SOMC, seconded it.

The motion was carried

39.6 To discuss and approve the UG & PG programmes to be offered for the Academic Year 2022-23.

The Vice Chancellor, placed before the Academic Council to discuss and approve the UG & PG programmes to be offered for the Academic Year 2022-23

Dr.E. Kannan, Professor & Registrar, presented the UG & PG programmes to be offered for the Academic Year 2022-23.

UG & PG programmes can be

accessed [here](#)



Appendix UG&PG

A. Under Graduate Programme**1. New Course**

Table 2: New Course

S.No.	Name of the Course	AICTE Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	-	-	60
2	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	-	-	60
3	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	-	-	60
Grand Total		-	-	180

2. Reduction

Table 3: Reduction

S.No.	Name of the Course	AICTE Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	AERONAUTICAL ENGINEERING	90	34	60
2	ELECTRONICS & COMMUNICATION ENGINEERING	570	656	480
3	MECHANICAL ENGINEERING	120	54	60
Grand Total		780	744	600

3. Offering programme

Table 4: Offering programme

S.No.	Name of the Course	AICTE Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60	69	60
2	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60	69	60
3	COMPUTER SCIENCE AND DESIGN	60	69	60
4	COMPUTER SCIENCE & ENGINEERING	960	1104	960

5	CIVIL ENGINEERING	60	32	60
6	ELECTRICAL AND ELECTRONICS ENGINEERING	60	24	60
7	INFORMATION TECHNOLOGY	60	69	60
8	BIOTECHNOLOGY	60	53	60
9	BIOMEDICAL ENGINEERING	60	23	60
	Grand Total	1440	1512	1440

B. Post Graduate Programme

Table 5: Post Graduate Programme

S.No.	Name of the Course	AICTE Intake Applied for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	AERONAUTICAL ENGINEERING (Unmanned Aerial Vehicles)	18	6	18
2	BIG DATA ANALYTICS	18	8	18
3	BIOTECHNOLOGY	18	12	18
4	COMPUTER SCIENCE AND ENGINEERING	18	7	18
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	18	8	18
6	ENVIRONMENTAL ENGINEERING	18	6	18
7	INDUSTRIAL SAFETY AND ENGINEERING	18	18	18
8	INFORMATION AND CYBER SECURITY	18	7	18
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18	10	18
10	NETWORK ENGINEERING	18	1	18
11	POWER ELECTRONICS	18	6	18
12	STRUCTURAL ENGINEERING	18	9	18
	Grand Total	216	98	216

C. MBA - Post Graduate Programme

Table 6: MBA - Increase in Intake

S.No.	Name of the Course	AICTE Approved Intake for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	MBA	90	88	120
	Grand Total	90	88	120

D. Grand Total as per AICTE

Table 7: Grand Total

S.No	Description	No. of Courses	Total Intake 2021-22	Total Intake 2022-23
1	UG - Total No. of Courses & Intake for the Year (AICTE)	15	2220	2220
2	PG - Total No. of Courses & Intake for the Year (AICTE)	13	336	336
Grand Total		28	2556	2556

* The Institution has also applied for 15% additional Intake AICTE

E. Arts and Science Programme**1. UNDER GRADUATE - Arts and Science**

Table 8: UNDER GRADUATE - Arts and Science

S.NO	PROGRAMME	AICTE Intake Applied for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	BACHELOR OF COMMERCE	120	110	120
2	BACHELOR OF BUSINESS ADMINISTRATION	30	28	30
3	B.A.,LL.B.(Hons)	120	120	120
4	B.COM.,LL.B.(Hons)	120	91	120
5	BACHELOR OF SCIENCE (VISUAL COMMUNICATION)	30	14	30
6	BACHELOR OF SCIENCE (MULTIMEDIA)	30	9	30
Total		450	372	450

2. POST GRADUATE - Arts and Science

Table 9: POST GRADUATE - Arts and Science

S.NO	PROGRAMME	AICTE Intake Applied for 2021-22	Student admitted for 2021-22	Proposed Intake for 2022-23
1	M.A.(English)	30	14	30
2	M.SC(CHEMISTRY)	30	30	30
3	M.SC(DATA ANALYTICS)	30	12	30
4	M.SC(MATHS)	30	8	30
5	M.SC(PHYSICS)	30	22	30
Total		150	86	150

Dr.E.Kannan, Professor & Registrar, moved that "the approval of UG & PG programmes to be offered for the Academic Year 2022-23", be approved.

Dr. M. Sivakumar, Professor & Dean, Freshman Engineering, seconded it.

The motion was carried

C. Items for Ratification

39.7 To ratify the admissions under Re-Admission category for Winter Semester of the Academic Year 2021-22.

The Vice Chancellor, placed before the Academic Council to ratify the list of students admitted through "Re-Admission category" in Winter Semester of the Academic Year 2021-22.

Dr.E. Kannan, Professor & Registrar, presented that the list of students admitted through Re Admission category in Winter Semester of the Academic Year 2021-22.

Table 10: List of students admitted through Re Admission category

S.No.	Batch	ID No.	Name	Programme	Branch
1	2020-21	VTU 1115	A.PAVITHRA PRAKASH	B.Sc	Multimedia
2	2020-21	VTU 1104	S.GAIUS GOODWIN	B.Sc	Multimedia
3	2019-20	VTU 701	S.A.SWETHA	B.Sc	Visual Communication
4	2019-23	VTU 15143	AMAN MISHRA	B.TECH	CSE
5	2019-23	VTU 12631	KALIVARATHAN	B.TECH	IT
6	2020-25	VTU 1141	A.VIKRAM	B.Com LLB (Hons.)	
7	2018-20	VTP 2384	P R JEEVARATHINAM	M.TECH	POWER ELECTRONICS

Dr.E. Kannan, Professor & Registrar, moved that "the list of students admitted through Re Admission category in Winter Semester of the Academic Year 2021-22", be ratified.

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

The motion was carried and the members approved

39.8 To ratify the admissions under Institution Transfer category for Winter Semester of the Academic Year 2021-22.

The Vice Chancellor, placed before the Academic Council to ratify the list of students admitted through "Institution Transfer category" in Winter Semester of the Academic Year 2021-22.

Dr.E. Kannan, Professor & Registrar, presented that the list of students admitted through Institution Transfer category in Winter Semester of the Academic Year 2021-22.

Table 11: Institute Transfer Student List

S.NO	VTU	DEPT	NAME	Migration From	Year / Sem
1	VTU 21666	CIVIL	LOLLA VENKATA SAI VAISHNAVI	SRI CHNDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA (SCSVMV)	II/IV

Dr.E. Kannan, Professor & Registrar, moved that "the list of students admitted through Institution Transfer category in Winter Semester of the Academic Year 2021-22", be ratified.

Dr. V. Srinivasa Rao, Professor & Dean, School of Computing, Computer Science & Engineering, seconded it.

The motion was carried

39.9 To ratify the examination results of Semester End Examination held during the Summer Semester of AY 2021-22.

The Vice Chancellor, placed before the Academic Council to record the result analysis of the Semester end examination held during Summer Semester of the Academic Year 2021-22.

Dr. R. Sivaraman, Controller of Examinations, presented the UG / PG Programmes result analysis of the courses offered in Summer Semester of AY 2021-22.

result analysis of the Summer
Semester of AY 2021-22 can be

accessed [here](#)



**Appendix Result
Analysis**

Table 12: B.TECH. - Total No. of courses for which the exams are conducted

Course	AERO	AUTO	BIO MED	BIO TECH	CIVIL	CSE	ECE	EEE	IT	MECH
Foundation	47									
Programme Core	17	11	17	22	16	22	27	19	13	12
Programme Elective	12	9	7	10	4	20	21	6	2	5
Allied Elective	2	6	1	2	2	3	1	7	1	2
Institute Elective	2	7	5	9	4	3	3	6	1	2
Total	33	33	30	43	26	48	52	38	17	21
	388									

Dr. R. Sivaraman, Controller of Examinations, moved that "the result analysis of the semester end examination held during Summer Semester of the Academic Year 2021-22", be ratified.

Dr.P.Chandrasekar, Professor & Head, Department of Electrical & Electronics Engineering, seconded it.

The motion was carried

39.10 To ratify the admissions of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Academic Year 2021-22.

The Vice Chancellor, placed before the Academic Council to ratify the admissions of Doctoral (Ph.D.) level Programmes in Engineering and Technology / Science /Law / Management/ Humanities / Arts for Academic Year 2021-22.

Dr. S. Koteeswaran, Professor & Dean - Research Studies, presented the admissions of Doctoral (Ph.D.) level Programmes in Engineering and Technology / Science /Law / Management/ Humanities / Arts for Academic Year 2021-22.

1. Summary of Ph.D. National Admission AY 2021-22 (Winter Session)

Table 13: National Admission AY 2021-22 (Winter Session)

S.No	DEP'T	Research Supervisor Vacancy Positions	Appl-ied	Short-listed	Eligible for Entrance Exam	Selected in Inter-view	FT	PT - INT	PT - EXT	Total
1	AERO	1	2	2	1	1	0	0	1	1
2	AUTO	17	1	1	1	1	0	0	1	1
3	CIVIL	9	5	5	5	2	1	0	1	2
4	MECH	147	14	12	12	5	1	0	3	4
5	IT	1	1	1	1	1	0	1	0	1
6	CSE	71	35	32	29	26	1	10	9	20
7	ECE	116	20	20	20	14	2	3	7	12
8	EEE	15	6	6	6	5	0	3	1	4
9	BIO TECH	21	4	4	4	4	2	1	1	4
10	BIO MEDICAL	17	2	2	1	1	0	0	0	0
11	ENGLISH	8	4	3	2	1	0	0	0	0
12	MATHS	65	11	11	5	4	2	1	0	3
13	PHYSICS	49	4	3	0	3	0	1	2	3
14	CHEM	38	4	4	3	1	0	1	0	1
15	LAW	6	13	12	12	6	0	4	2	6
16	MBA	0	2	0	0	0	0	0	0	0
TOTAL		581	128	118	102	75	9	25	28	62

2. Summary of Ph.D. International Admission AY 2021-22 (Winter Session)

Table 14: International Admission AY 2021-22 (Winter Session)

S.No	Dept's	Research Supervisor Vacancy Positions	App- lied	Short -listed	Eligible	Selected	Full Time	Country
1	AERO	1	0	0	0	0	0	-
2	AUTO	17	0	0	0	0	0	-
3	CIVIL	9	1	1	1	1	1	Syria - 1
4	MECH	147	1	1	1	1	1	Ethiopia - 1
5	IT	1	0	0	0	0	0	-
6	CSE	71	3	2	2	0	0	-
7	ECE	116	0	0	0	0	0	-
8	EEE	15	1	1	1	0	0	-
9	BIO TECH	21	3	2	2	0	0	-
10	BIO MED	17	0	0	0	0	0	-
11	ENG	8	1	1	1	0	0	-
12	MATHS	65	1	1	1	0	0	-
13	PHYSICS	49	0	0	0	0	0	-
14	CHEM	38	0	0	0	0	0	-
15	LAW	6	0	0	0	0	0	-
16	MBA	0	9	0	0	0	0	-
TOTAL		581	20	9	9	2	2	Syria-1 Ethiopia-1

Dr.S.Koteeswaran, Professor & Dean - Research Studies, moved that "the Admissions of Ph.D Students during the Summer semester of Academic year 2021-22", be ratified.

Dr. A. Subrahmanyam, Professor & Dean, School of Law, seconded it.

The motion was carried

D. Items for Reporting

39.11 To report starting of new programmes and closure of a few non viable programmes with effect from the Academic Year 2022-23.

The Vice Chancellor, placed before the Academic Council to report starting of new programmes and closure of a few non viable programmes with effect from the Academic Year 2022-23.

Dr.E. Kannan, Professor & Registrar, presented that the list of starting of new programmes and closure of a few non viable programmes with effect from the Academic Year 2022-23.

1. Starting of New Programmes

Table 15: Starting of New Programmes

S.No	Name of the Programme	Count
1	CSE (AI & ML)	60
2	CSE (Data Science)	60
3	CSE (Cyber Security)	60
	Total	180

2. Reduction of Intake

Table 16: Reduction of Intake

S.No	Name of the Programme	From	To	Difference
1	Mechanical Engineering	120	60	60
2	Aeronautical Engineering	90	60	30
3	Electronics and Communication Engineering	570	480	90
	Total			180

3. Closure of non-viable programmes

Table 17: Closure of non-viable programmes

S.No	Name of the Programme	Count
1	MBA (IEV)	30

4. Increase of Intake

Table 18: Increase of Intake

S.No	Name of the Programme	Previous Intake	New Intake
1	MBA	90	120

5. Approval from Govt. of Tamilnadu

Table 19: Approval from Govt. of Tamilnadu

S.No	Name of the Programme	Previous Intake	New Intake
1	M.Tech (Industrial Safety and Engineering)	30	30

Applied and obtained approval from the Director of Industrial Safety and Health (FAC), Department of Labour Welfare and Skill development, Govt. of Tamilnadu on February 11, 2022.

Approval of M.Tech (Industrial Safety and Engineering) can be accessed [here](#)



**Appendix Approval of M.Tech
(Industrial Safety and
Engineering)**

Dr.E. Kannan, Professor & Registrar, moved that "the list of starting of new programmes and closure of a few non viable programmes with effect from the Academic Year 2022-23", be reported.

Dr.Carmel Mary Belinda, Professor & Dean Academics, seconded it.

The motion was carried

39.12 To report the results of the Ph.D. viva voce conducted since last Academic Council held on December 23, 2021.

The Vice Chancellor, placed before the Academic Council to ratify the results of the Ph.D. viva voce conducted since last Academic Council held on December 23, 2021.

Dr. R. Sivaraman, Controller of Examinations, presented the results of the Ph.D. viva voce conducted since last Academic Council held on December 23, 2021.

Ph.D. viva voce list can be accessed

[here](#)



Appendix Ph.D. List

Table 20: Ph.D viva-voce completed candidate name list

S.No	Name	Dept	Viva-voce Date	Supervisor Name	Title
1	B. Komala Durga	MATHS	12.01.2022	Dr. E. Chand-rasekaran	Development of Inventory Models for Substitutable and Complementary Products under Quadratic Demand
2	R Lakshmi	EEE	20.01.2022	Dr. K Karuna-nithi	Investigations on Interleaved Forward DC to DC Converters
3	Dileepan D	ECE	17.02.2022	Dr. S. Natarajan	Design of Compact CPW-FED Multiband Antennas for WLAN, WIMAX and SUB-6 GHZ 5G Applications
4	Lokhande Ramdas Alias Pravin Ravindra	MECH	01.03.2022	Dr. Sachin S.Salunkhe	Mechanical Investigations in Root Canal Preparation and Obturation Process
5	M. Sundarraj	MECH	03.03.2022	Dr. M. Mei-kandan	Conversion of Waste Plastics into Liquefied Fuel by Titanium based Catalyst
6	Mary Jiny D (FT-INT)	MATHS	09.03.2022	Dr. R. Shan-mugapriya	A Study on Fuzzy Resolving Set of Fuzzy Graphs and its Applications
7	S. Sabeetha Saraswathi	CSE	11.03.2022	Dr. N. Malar-vizhi	Secured Data Deduplication Techniques for Optimal Storage Management in Cloud

8	P Revathi	ENGLISH	06.04.2022	Dr. M.R.Bindu	Intrepid Voice of Dalits as a Tumultuous Uproar of Multitudes through Autobiography and Memoir
9	Harish Pasupulati	ECE	21.04.2022	Dr. S. Baskar	Modelling and Diagnosis of Brain Tumour using Intelligent Techniques
10	D. Sugumaran	CSE	22.04.2022	Dr. C.R. Bharathi	AMBA: Adaptive Monarch Butterfly Algorithm based Information Transfer Scheduling in cloud for Big Data Applications
11	K.A. Harish	MANA-GEMENT	26.04.2022	Dr. B. Jeya Prabha	Analysis of Teachers Stress and its Impact on Institutional Performance of Government and Private Schools in Chennai
12	K. Aanandha Saravanan	ECE	27.04.2022	Dr. P. Suresh	Energy Efficient Adaptive Quorum based MAC Protocol for Heterogeneous Wireless Sensor Network

Dr. R. Sivaraman, Controller of Examinations, moved that "the results of the Ph. D. viva voce conducted since last Academic Council held on December 23, 2021", be ratified.

Dr.C.Mahesh, Professor & Head, Department of Information Technology, seconded it.

The motion was carried

39.13 To report the Strategic Plan 21-26 of this Institution.

The Vice Chancellor, placed before the Academic Council to report the Strategic Plan 21-26 of this Institution.

Dr.E. Kannan, Professor & Registrar, presented that the report of the Strategic Plan 21-26 of this Institution.

Report of the Strategic Plan 21-26 of this Institution can be accessed



Appendix Strategic Plan

Dr.E. Kannan, Professor & Registrar, moved that "the report of Strategic Plan 21-26 of this Institution", be reported.

Dr. P. Esther Rani, Professor & Head, Department of Electronics and Communication Engineering, seconded it.

The motion was carried.

39.14 To record the progression and achievements of the following Schools :

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

A) School of Computing

Dr. V. SRINIVASA RAO, Professor & Dean School of Computing, presented the Progression of the School of Computing and academic achievements.

Dr. V. SRINIVASA RAO, Professor & Dean School of Computing, moved that "the Progression of School of Computing and academic achievements", be recorded.

Dr.V.Jayasankar, Professor & Dean School of Electrical and Communication, seconded it.

The motion was carried.

B) School of Sciences and Humanities

Dr. M. Sivakumar, Professor & Dean School of Sciences and Humanities , presented the Progression of the School of Sciences and Humanities and their academic achievements.

SoSH Presentations can be
accessed [here](#)



**Appendix
Presentation**

Dr. M. Sivakumar, Professor & Dean School of Sciences and Humanities , "moved the Progression of School of Sciences and Humanities and their academic achievements", be recorded.

Dr. A. Subrahmanyam, Professor & Dean, School of Law, seconded it.

The motion was carried

39.15 To report the activities of the office of Campus to corporate.

The Vice Chancellor, placed before the Academic Council to report the activities of the office of Campus to corporate.

Mr. P. Vijayaraman, Dean - Campus to Corporate, presented the report the activities of the office of Campus to corporate.

Presentations of campus to
corporate can be accessed [here](#)



**Appendix
Presentation**

Mr. P. Vijayaraman, Dean - Campus to Corporate, moved that "the report of the activities of office of Campus to corporate.", be reported.

Dr.P. Chandrakumar, Professor & Dean - Industry Relations,seconded it.

The motion was carried

E. Closing

39.16 Anyother items with the permission of the Chairperson

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

40th Regular Meeting of the Academic Council is tentatively scheduled on Saturday, **September 24, 2022.**

39.18 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.

39.19 Adjournment

The meeting was adjourned at 2 PM.



MINUTES OF THE 14th MEETING OF THE PLANNING AND MONITORING BOARD

on 25.03.2022 at 10.00 A.M

Mode: Video Conference

MEMBERS

- | | |
|--|-----------------|
| 1. Prof. Dr. S. Salivahanan,
Vice Chancellor,
Vel Tech. | Chairperson |
| 2. Dr. S. Shanmugavel,
Formerly Registrar of Anna University,
Director of National Engineering College,
Kovilpatti. | External Member |
| 3. Dr. B. Ramamoorthy,
Formerly Professor, IIT, Madras
Advisor (Academic)-PSG Institutions,
Coimbatore. | External Member |
| 4. Dr. Ligy Philip,
Professor, Dept. of Civil Engineering,
IIT, Madras, Chennai. | External Member |
| 5. Dr. A.T. Ravichandran,
Dean (Academics),
Vel Tech. | Internal Member |
| 6. Prof. R.S. Valarmathi,
Dean (Quality Assurance),
Vel Tech. | Internal Member |

- | | |
|--|-----------------|
| 7. Dr. S. Irudhyaraj,
Dean (SoMC),
Vel Tech. | Internal Member |
| 8. Prof. M. Sivakumar,
Dean (FME),
Vel Tech. | Internal Member |
| 9. Dr. P. Chandrakumar,
Dean (Industry Relations),
Vel Tech. | Internal Member |
| 10. Dr. B. Nagalingeswara Raju,
Dean (Hostels),
Vel Tech. | Internal Member |
| 11. Prof. Dr. E. Kannan,
Registrar,
Vel Tech. | Secretary |

A. Opening

The Chairperson, in his welcome address, conveyed thankfulness for all the members for attending the meeting. He highlighted certain important academic activities such as commencement of classes, conduct of end semester examinations, conduct of 11th convocation, award of degrees including Honorary degree to Dr. B. Venkataraman, Director, IGCAR, Kalpakkam, submission of SSR to the NAAC and SAR for NBA, He has also conveyed the message about the participation of a student of the School of Law Ms. Harini at the Republic Day ceremony at New Delhi, who is the only NCC cadet participated in the Republic Day rally on 26.01.2022 at New Delhi from the state of Tamil Nadu.

After the welcome address, the proceedings were started.

14.1 To record the notice of convening 14th Meeting of the Planning and Monitoring Board on March 25, 2022.

The meeting notice has been sent to all the members 16.09.2022 and a copy of the meeting notice is placed at Appendix-A.



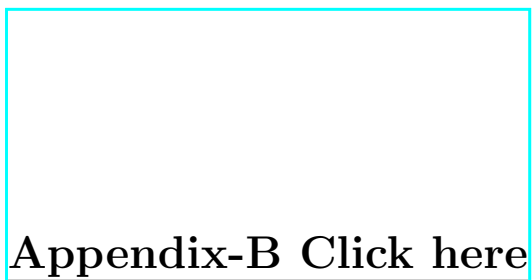
A. 14th P&M Meeting Notice



RESOLVED to record the Meeting Notice of the 14th meeting of the Planning and Monitoring Board

14.2 To consider the minutes of 13th Meeting of the Planning and Monitoring Board held on September 19, 2020.

The minutes of the 13th meeting of the Planning and Monitoring Board are placed at Appendix-B.



B. 13th P&M Meeting Minutes



RESOLVED to approve and record the minutes of the 13th meeting of the Planning and Monitoring Board.

- 14.3 To review the action taken on the decisions of the previous meeting of Planning and Monitoring Board held on September 19, 2020.**

Table 1: Action Taken Report

Item.No	Subject	Decision	Action Taken
13.7	To discuss about the new courses and facility established in the academic year 2020-21.	It has been discussed with regard to starting of MBA in Innovation, Entrepreneurship and Venture Development (IEV), M.Tech. (Specialization in Industrial Bio Technology) and also few new programmes in the emerging areas.	As per the recommendations, the following new programmes have been started in MBA Innovation, Entrepreneurship and Venture Development (IEV), M.Tech. (Specialization in Industrial Bio Technology) in the academic year 2020-21. In 2021-22 the following programmes have been started viz. 1. B.Tech. Artificial Intelligence (AI) and Data Science 2. B.Tech. Artificial Intelligence and Machine Learning 3. B.Tech. Computer Science and Design.

RESOLVED to record the action taken on the decisions of the previous meeting of Planning and Monitoring Board held on September 19, 2020.

- 14.4 To inform the board about the leave of absence of the members.**

The Chairperson informed that Dr. Ligy Philip was absent for the meeting due to some unavoidable reasons.

RESOLVED to record the leave of absence of Dr. Ligy Philip due to unavoidable reasons.

B. Items for Consideration and Approval

- 14.5 To consider and recommend the establishment of New building facilities / amenities.**

Prof. Irudayaraj, Dean (SoMC) presented the status on the establishment of New building facilities / amenities, as follows:

Table 2: Completed Building / Construction work

S.No.	Planned in P&M 2020	Building Sqft	Status as on 21.03.2022
1	Leaders Hostel C Block(G+3 Floors)	75520	Completed
2	Construction of Dining Hall in Leaders Hostel	13385	Completed
3	Shifting the 230 KV Tower lines - 3 nos. located between the towers 142 to 143 in the Institution	-	Completed

Table 3: Proposed work

S.No.	To be discussed in P&M 2021	Building Sqft	Status
1	Prince Hostel F-Block – First Floor -14 Rooms to be Completed	7322	Work in Progress and it will be completed on or before June 2022
2	Civil Engineering Department – Structural Lab (Loading Frame) Construction Work	1475	Work in Progress and it will be completed on or before June 2022

RESOLVED to record the status of establishment of New building facilities / amenities

14.6 To discuss and approve the Strategic Plan 2021-26 of this Institution.

Prof. E. Kannan presented various aspects of the Strategic Plan like Academics, Research and Industrial Relations and explained the set-out targets and goals with key indicators as in the draft copy of the Strategic Plan. He has also brought to the notice of the members regarding the previous strategic plan and achievement of proposed goals pertaining to the increase of students strength, increase in the International faculty members, creation of centres of excellence, introduction of new courses such as B.Arch., Media Studies and Law and the percentages of achievement. Prof. E. Kannan pointed out the proposed plans under various categories for achievement during the Strategic Plan period 2021-26. He also requested all the members to go through the draft Strategic Plan and to offer their valuable inputs sooner or later for incorporating them appropriately.

Dr. P. Chandrakumar, Dean (Industry Relations explained the Industry oriented activities such as TBI, Business starts-ups, Creation of Nidhi Priyas centre, Funding Projects from DST, DBT and other funding agencies. He explained how the institution is planning to achieve the better results as proposed in the Strategic Plan with the help of graphical / diagrammatic charts in his presentation.

Dr. Balasubramanian, Dean (R&D) presented the glimpse of Research and Development activities under the heads Projects, research departments / research park, promoting industry related activities, improving publications, citations, increasing funding agencies, Academic coloboration research, patents etc. highlighting the achievements and proposed goals in the Strategic Plan period 2021-26.))

Dr. P.Suresh, Dean (International Relations) explained the activities carried out in the office of the International Relations and the plan for increase the international faculty members, Student Exchange programme etc. as indicated in the Strategic Plan with future plans in improving the activities under different facets.

Prof. Shanmugavel, the external member pointed out that the progress of Faculty Exchange Programme and international collaboration appear to be moderate and emphasized the need for strengthening them. He added that focus should be given to get more active MoUs and to conduct more number of Semester abroad programmes. He appreciated that the other features mentioned in the Strategic Plan are in order.

The following are the suggestions given by Prof. Ramamurthy, the other External member:

1. Motivating the faculty members to acquire Ph.D, which should be made mandatory
2. Improvement of faculty / students self learning capacity by sponsoring them to online courses through NPTEL, an Indian learning platform for university-level science, technology, engineering, and mathematics subjects and other platforms.
3. Reimbursements of expenses incurred on sponsoring the faculty members by the institution itself to the maximum extent.
4. The percentage of placements should be calculated on the basis of admitted students as per the approved intake by AICTE and the selected students for placements and not on the basis of the participated students and selected students in the placement processes.
5. Increase and improve the number of PG Courses and students getting admission to PG Courses in the thrust areas.
6. Conduct of more number of International Conferences on yearly basis
7. To monitor the Faculty members registered for Ph.D. whether are completing the programme within the stipulated period
8. Tracking the students going for higher studies and to see how they are progressing.
9. To provide GATE coaching to the students
10. Improvement of Learning Management systems, Increasing the number of ICT enabled classes
11. Improvement of Laboratories with required budgeting and support.
12. Tracking of Alumni whereabouts and conducting Alumni meetings periodically.

C. Strategic Plan 2021-26

[Appendix-C Click here](#)



RESOLVED to approve and record the strategic plan 2021-26.

14.7 To discuss and approve the revised policies of the Institution.

Prof.E. Kannan presented different policies and procedures. Prof. E. Kannan explained as how the policies have been brought out keeping in mind, the mission and vision of this Institution and he gave a glimpse of the important policies and procedures relating to Campus Maintenance and infra structure development, Information Technology Policy, Scholarship Policy, Reservation Policy and other procedures involved in Semester registration, course registration, code of conduct, Faculty appraisal, promotions etc. as per the Appendix-D for discussion and approval.

**D. Revised Policies**

Dr. Balasubramanian, Dean (R&D) has highlighted the features of IPR Cells, guidelines of patents while presenting the IPR Policy. Dr. Chandrakumar, Dean,(industry Relations-) presented the unique features of Consultancy Policy with the explanation as how the eco system surrounded by the Automobile companies in and around the institution is conducive for promoting industry related activities at this Institution. He explained the details of the start-ups, the methodology, facilities given to the faculty members and students to motivate them to take up business start-ups in detail.

Prof. Ramamurthy, the External members suggested that it will be good if the Institution allocates sufficient grants for some important start-ups and motivate the entrepreneurs to take up more number of start-ups as it will add some colour. Secondly, he pointed out that Plagiarism mechanism should be used for all documents including M. Tech / B.Tech theses in addition to applying it in the cases of Ph.D. theses and project proposals.

Thirdly Prof. Ramamurthy suggested that the Academic Auditing should be conducted with the help of renowned academicians designated at higher levels so as to get the desired quality and outcome. In answering to the queries of Prof. Ramamurthy, Dr. Balasubramanian, Dean (R&D) replied that the plagiarism is subjected to all the documents including theses / projects submitted by the students and researchers with the admissible mismatch up to 15% . The Dean (Industry Relations) confirmed allocation of grants for start-ups.

RESOLVED to approve and record the revised policies of the Institution.

14.8 To discuss and approve the new courses and facility to be established in the academic year 2021-22.

Prof.E.Kannan reported that the AICTE, the competent authority for the grant of approval for new programs and intake of students, suggested that the proposed new courses to be offered at the Institutions/deemed to be universities shall be from the emerging areas of various disciplines as specified in the AICTE approval Handbook.

On receipt of the AICTE's approval Process Handbook, the Institution would consider the feasibility of offering new courses under the emerging areas of importance.

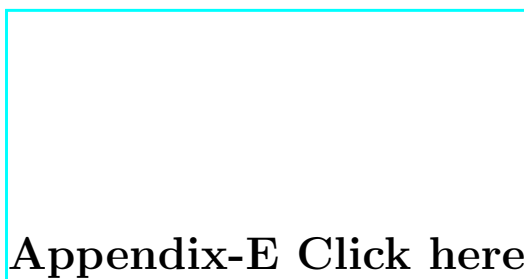
The External members have suggested to offer for new course in thrust areas citing Cyber Security is one such area. They have specifically mentioned that the courses for which the admissions are less, may be closed down. The continuity of these courses would affect the NIRF Ranking. Prof. E. Kannan pointed out that there is extraordinary demand for some courses as in the case of M.Tech. Safety Engineering, which has been approved by the Govt. of Tamil Nadu. Prof. Shanmugavel suggested that the Institution may get any inputs for the advancement of course contents of M.Tech. Safety Engineering from Prof. Sankaranarayanan who was instrumental in introducing M.Tech. in Safety Engineering at REC, Trichy (now called NIT, Trichy). The Chairperson listed out the non viable PG courses, closed down in the last academic year.

RESOLVED to approve and record approve note presented in connection with the starting of the new courses and facility in the academic year 2021-22.

C. Items for Discussion and Decision.

14.9 To discuss the activities connected with Industry relations during the academic year 2021-22.

The Dean (Industry Relations) presents various activities connected with the Industrial Relations under different headings such as Credit Course during the summer semester of the Academic Year 2021-22, Industry Projects - 2021-22, MoU signed, Consultancy Projects and FDP as in the Appendix E.



E. Industry Relations



Prof. Ramamurthy suggested that the industry experts handling one or two credit courses related to industries may be designated as Visiting Faculty members under the urgent faculty scheme in force in many institutions.

RESOLVED to record the activities connected with Industry relations during the academic year 2021-22.

D. Items for Reporting

14.10 To record the status of submission of SSR to NAAC.

Dr.Rajeevkumar of Quality Assurance Cell reported that the Institutional Information for Quality Assessment (IIQA) was submitted to the NAAC on 30.12.2021. After the initial verification, the IIQA has been accepted by the NAAC on 25.01.2022 and given approval for Self Study Report (SSR) submission. Subsequently, the SSR of the same has been submitted to NAAC on 09.03.2022.

The Student Satisfactory Survey (SSS) and clarifications on DVV are under progress.

RESOLVED to record the status of submission of SSR to NAAC.

14.11 To record the ranking and recognition to our Institution.

Dr.Rajeev kumar of Quality Assurance cell reported the ranking by International and National agencies under various categories, as given below:

1. International Ranking.

Times Higher Education (THE):

Vel Tech is ranked in the band 801-1000 in Times Higher Education World Universities Rankings 2022 for the first time out of 1662 ranked institutions in the Globe. The institution stands at 18th position out of 71 ranked institutions from India. Times Higher Education is created to assess the Universities performance on the global stage and to provide a resource for readers to understand the different missions and successes of Higher Education Institutions. THE rankings cover three main missions of Universities activities: Research, Teaching and Impact. The Times Higher Education World Universities Rankings 2022 include more than 1,600 Universities across 99 countries and territories, making them the largest and most diverse Universities rankings to date.

In addition, the institution has also been ranked in the following categories which are announced by THE.

THE Impact Ranking 2021: Vel Tech has been ranked under the following Sustainable Development Goals (SDGs)

- SDG 6: Clean Water and Sanitation – 201 to 300 band in the World
- SDG 9: Industry, Innovation and Infrastructure – 201 – 300 band in the World
- SDG 10: Reduced Inequalities – 401 – 600 band in the world
- SDG 17: Partnership for the goals – 801 – 1000 band in the world

THE World University Rankings 2022 by Subjects

- Engineering – Band 601-800
- THE Emerging Economies University Rankings 2022 - Band 301-351
- THE Young University Rankings 2022 – Band 251-300

Quacquarelli Symonds (QS)

- QS Asia University Rankings 2022 – Band 601-650

2. National Ranking.

National Institutional Ranking Framework (NIRF) India Rankings 2021: Vel Tech is ranked in top 100 with 93rd position under Engineering Category, 101-150 band under Universities Category and 151-200 band under Overall Category by NIRF India Rankings 2021. The number of institutions participated in NIRF India Rankings for 2021 under Overall Category and Engineering Category are 1657 and 1143 respectively. This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations and broad understanding arrived at by a Core Committee set up by MoU, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover Teaching, Learning and Resources, Research and Professional Practices, Graduation Outcomes, Outreach and Inclusivity and Perception.

Atal Ranking of Institutions on Innovation Achievements (ARIIA) Ranking 2021.

- Recognized in the band “EXCELLENT” under the category “University & Deemed to be University (Private/Self Financed) (Technical)”

Dataquest Top T-School in India 2021

- Top 100 T-Schools (Overall) – Government and Private sector – 15th Rank
- Top T-Schools in India 2021 (Private) – 6th Rank
- Top T-Schools in India 2021 (South Zone) – 5th Rank

digitalLEARNING Top Engineering Institutes Ranking 2021

- Tamil Nadu – AAAAAA
- 12th Rank in India

RESOLVED to record the Ranking and Recognition secured by Vel Tech. in the recent past.

E. Conclusion

14.12 Any other items with the permission of Chairperson.

No items other than those discussed in the Agenda of the 14th Meeting of the P&M has been taken up for discussion.

14.13 To fix the date for holding the next meeting of the Planning and Monitoring Board.

It has been decided to hold the 15th meeting of P&M in the month of March 2023.

VOTE OF THANKS

Prof. E. Kannan conveyed his immense pleasure and thankfulness to the members, especially the external members for taking part in the virtual meeting and offering suggestions and inputs on different agenda items. Prof. E. Kannan requested for the suggestions and inputs, of any from the members on the draft Strategic Plan 2021-26 so as to incorporate them appropriately. Prof. E. Kannan thanked all the members for active participation in the discussions and continued support all these years.

With the Vote of thanks, the meeting came to a close.



**MINUTES OF THE 28th MEETING
OF FINANCE COMMITTEE
on 30.03.2022 at 10.00 A.M
Mode: Video Conference**

MEMBERS

- | | |
|--|------------------------------|
| 1. Prof. S. Salivahanan,
Vice Chancellor,
Vel Tech. | Chairperson |
| 2. Mrs. Rangarajan Mahalakshmi Kishore
Chairperson and Managing Trustee,
Vel Tech. | Trust Nominee |
| 3. Prof. Dr. V. Jayasankar,
Dean SoEC,
Vel Tech. | BoM Nominee |
| 4. Prof. Dr. E. Kannan,
Registrar,
Vel Tech. | BOM Nominee |
| 5. UGC Nominee | Name - Not Received from UGC |
| 6. Mr. M. Mohan Kumar
Finance Officer,
Vel Tech. | Secretary |

Quorum was present.

The meeting was called to order.

The Vice Chancellor welcomed the members who were present.

The Agenda was taken up for discussion.

The Vice Chancellor presided over the meeting.

28.1 To record the notice of convening 28th Meeting of the Finance Committee scheduled on March 30, 2022.

The meeting notice has been sent to all the members and a copy of the Meeting Notice is placed at Appendix-A.

A. 28th FC Meeting Notice

RESOLVED to confirm and record the Meeting Notice sent to the members for the meeting of 28th Finance Committee held on March 03, 2022.

28.2 To consider and record the agenda of 28th Meeting of the Finance Committee held on March 30, 2022.

The Agenda of the meeting of the Finance Committee scheduled on March 30, 2022 is given in the Appendix-B.

B. 28th FC Agenda

RESOLVED to approve and record the agenda of 28th Meeting of the Finance Committee held on March 30, 2022.

28.3 To review the Action Taken Report on the decisions taken at the 27th Meeting of the Finance Committee held on November 13, 2021.

The Action Taken Report on the items of the previous Finance Committee meeting held on November 13, 2021 is given below:

Table1: Action Taken Report

Item.No	Item	Decision Taken	Action Taken
27.4	Approval of the actual expenditure and committed expenditure for the period from April 01, 2021 to October 31, 2021.	The Finance Committee discussed in detail, the actual expenditure and committed expenditure for the period from April 01, 2021 to October 31, 2021 and approved the expenditure.	The approved actual Expenditure and committed expenditure have been recorded.
27.5	Approval of the Audited Balance sheet for the Financial year 2020-21.	After elaborate discussion the Audited Balance sheet 2020-21 has been approved.	The approved Audited Balance sheet 2020-21 has been recorded.

RESOLVED to approve and record the Action Taken Report on the decisions taken at the 27th Meeting of the Finance Committee held on November 13, 2021.

28.4 To inform the Board about the leave of absence of the members.

All members were present.

28.5 To consider and approval the minutes of the 27th meeting of the Finance Committee held on November 13, 2021.

The minutes of the meeting of the 27th meeting of the Finance Committee held on November 13, 2021 are placed at Appendix-C.



C. 27th FC Minutes



RESOLVED to approve and record the minutes of the 27th meeting of the Finance Committee held on November 13, 2021.

28.6 To discuss and approve the recommendations of the Fees Fixation Committee for implementation from 2023-23 onwards.

The Fee fixation committee has considered the following aspects, based on the documentary evidence produced by the finance officer after thorough discussion, and recommended fee structure for the University programmes be approved for four years from the academic year 2022-23.

- (i) Student amenities eg: Canteen facilities, Medical facilities etc.
- (ii) The assets and liabilities of the deemed to be university.
- (iii) The various forms of recurring revenue and deposits.
- (iv) Interest earned of fixed deposits.
- (v) Expenditure of teaching staff (salaries based on category, experience, qualification of faculty available, new faculty to be recruited, faculty development namely deputation to higher studies, deputation to conference / seminars/ Workshop/ Training Programs
- (vi) Expenditure on welfare measures and retirement benefits.
- (vii) Expenditure on non-teaching staff (salaries based on qualification, technical/admi experience, deputation for training programmes. Expenditure on welfare measures and retirement benefits.

- (vi) Expenditure on academic and admin heads.
- (vii) The Unit cost of education was placed before the committee by the Finance Officer.
- (viii) Expenditure for student welfare, scholarships, cultural and sports facilities etc.
- (vii) Other-Future capital expenditure to be provided.

Based on the above, the Committee proposed fee structure for the programmes from 2022-23 onwards.



[Appendix-D Click here](#)

D. Fees Fixation Committee



RESOLVED to approve and record the minutes of the 27th meeting of the Finance Committee held on November 13, 2021.

RESOLVED to approve the recommendations of the Fees Fixation Committee

28.7 To discuss and approve the Proposed Budget for the Financial year 2022-23.

The Finance Officer informed that the Budget proposal submitted by the Heads of Department / Section were taken up for discussion after having a series of meeting with them. The Budget allocations under different accounts heads were finalized at the end and the proposed budget for 2022-23, has been prepared accordingly, as in the Appendix-E.



[Appendix-E Click here](#)

E. Proposed Budget FY 2022-23



RESOLVED to approve and record the Proposed Budget for the Financial year 2022-23.

28.8 Any other items with the permission of the Chairperson.

No items other than those listed in the approved Agenda were proposed for inclusion and discussions.

28.9 To fix the date for holding the next meeting of the Finance Committee.

It has been decided to hold the next meeting of the Finance Committee in the last week of September or the first week of October with prior notice.

VOTE OF THANKS

The Finance Officer thanked all the members for their active participation in the meeting and for their valuable suggestions. He has profusely thanked all the staff for their support and co=operation to finalise the budget for 2022-23.

With the Vote of Thanks, the meeting came to a close.



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

List of Ph.D. Awarded List - BOM 28th MAY 2022

S.No	ID No	Reg.No	Name	Dept	Circular Date	Viva-voce Date	Supervisor Name	Title	Foreign Examiner	Indian Examiner	No. of Scopus indexed Journals	No. of SCI/ESCI/WoS indexed Journals	Others	Total No. of Papers Published	Patents	List of Publications
1	VTD 383	16REEC1002	Dileepan D	ECE	29.01.2022	17.02.2022	Dr. S. Natarajan	<i>Design of Compact CPW-FED Multiband Antennas for WLAN, WIMAX and SUB-6 GHZ 5G Applications</i>	Dr. Osamah Ibrahim Khalaf, Associate Professor, Department of Computer Science, Al-Nahrain University, Baghdad, Iraq	Dr. M. Venkatesan, Professor, Department of Electrical and Electronics Engineering, Vignan's Lara Institute of Technology and Science, Vadlamudi, AP	3	-	-	3	-	1. Dileepan Dhanasekaran, Natarajan Somasundaram, and Rajkumar Rengasamy (2021) -fed wideband International Journal of Engineering Systems Modelling and Simulation (Inderscience), Vol.12, pp. 2-3. 2. Dileepan Dhanasekaran, Natarajan Somasundaram, and Rajkumar Rengasamy (2021) -shaped Multiband Antenna for WLAN/WiMAX/WAVE/Satellite of Applied Science and Engineering, Vol. 24, No. 5, pp. 757-761. 3. Dileepan Dhanasekaran, Natarajan Somasundaram, and Rajkumar Rengasamy (2021) MIMO Antenna without Decoupling Structure for in Electromagnetics Research C, Vol.112, pp. 207-219.
2	VTD 473	17REME1009	Lokhande Ramdas Alias Pravin Ravindra	MECH	14.02.2022	01.03.2022	Dr. Sachin S. Salunkhe	<i>Mechanical Investigations in Root Canal Preparation and Obturation Process</i>	Dr. Hakan Gurun, Associate Professor, Department of Manufacturing Engineering, Gazi University Ankara, Republic of Turkey, Turkey	Dr. Nitin Khedkar, Associate Professor, Department of Mechanical Engineering, Symbiosis Institute of Technology, Pune (MH), Near Lupin Research Park, Gram: Lavale, Tal: Mulshi, Pune 412 115	7	-	-	7		1. Lokhande P.R. and Balaguru S. (2020) "A Mathematical Model for Root Canal Preparation using Endodontic File" Journal of Oral Biology and Craniofacial Research., Vol. 10, No. 1, pp. 396-400. 2. Lokhande P.R. and Balaguru S. (2020) "The Quantification of Percentage Filling of Gutta-Percha in Obturated Root Canal using Image Processing and Analysis" Journal of Oral Biology and Craniofacial Research., Vol. 10, No. 2, pp. 28-32. 3. Lokhande P.R., Balaguru S. and Dayalan G. (2019) "A Comparative Micro-Leakage Assessment in Root Canals Obturated by Three Obturation Techniques using Fluid Filtration System" Biomedical and Pharmacology Journal., Vol. 12 No. 2, pp. 849-856. 4. Lokhande P.R. and Balaguru S. (2019) "A Mathematical Model for Root Canal Preparation using Endodontic File: Part B" Journal of Biomimetics, Biomaterials and Biomedical Engineering., Vol. 43, pp. 20-27. 5. Lokhande P.R., Balaguru S. and Deenadayalan G. (2019) "A Review of Contemporary Fatigue Analysis and Biomaterials Studies in Endodontics" Materials Science Forum., Vol. 969, pp.193-198. 6. Lokhande P.R., Balaguru S., Deenadayalan G. and Ghorpade, R.R. (2018) "A Review of Contemporary Researches on Biomedical Image Analysis" International Conference On Recent Trends in Image Processing and Pattern Recognition. pp. 84-96. 7. Lokhande P.R., Ghorpade R.R. and Srinidhi S.R. (2019) "A review of contemporary research on root canal obturation and related quality 144 assessment techniques" Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering (I-DAD 2018) pp. 511-525.

3	VTD 469	17REME1014	M. Sundarraj	MECH	15.02.2022	03.03.2022	Dr. M. Meikandan	<i>Conversion of Waste Plastics into Liquefied Fuel by Titanium based Catalyst</i>	Dr. Shaik Gouse Peera, Professor, Environm ental Science and Engineering, Keimyung University, 1095, Daegu, Dalseo-gu, Dalgubeol- daero, 42601, Republic of South Korea	Dr. N. Beemkumar, Associate Professor, Department of Mechanical Engineering, Jain (Deemed-to-be-University), Bengaluru, Karnataka 560069	2	1	-	3	-	1. Moorthi Sundarraj, and Meikandan Megaraj. "Indigenous development of single screw conveying machine for pyrolysis of waste plastics using nano zeolite particles in fixed bed reactor." Advances in Materials and Processing Technologies (2021): 1- 13. [Scopus] 2. Sundarraj, M., and M. Meikandan. "Liquefied Fuel from Plastic Wastes Using Nitro Cracking Method with Refinery Distillation Bubble Cap Plate Column." Chemical Industry and Chemical Engineering Quarterly 00 (2021): 14–14. IF- 0.720 3. Moorthi, Sundarraj, and Meikandan Megaraj. "Design and development of single screw conveying machine for pyrolysis of waste plastics using nano zeolite particles in fixed bed reactor." Materials Today: Proceedings (2021). [Scopus]
4	VTD 671	19RHMA1001	Mary Jiny D (FT-INT)	MATHE MATICS	14.02.2022	09.03.2022	Dr. R. Shanmugapriya	<i>A Study on Fuzzy Resolving Set of Fuzzy Graphs and its Applications</i>	Dr. Wieslaw A. Dudek, Professor, Departm ent of Mathematics, Wroclaw University of Science and Technology, Wybrzeze Stanislawa, Wspianskiego 27, 50- 370 Wroclaw, Poland	Dr. Sunil Mathew, Associate Professor, Department of Mathematics, National Institute of Technology (NIT), East Block, NIT Calicut 673601, Contact No.: 9349769083, Email ID.: sm@nitc.ac.in	3	1	1	5	-	1. R. Shanmugapriya and Mary Jiny D, 2021, "Grouping and Scheduling the Examinations Using Visual Basic and Alpha Cut of Fuzzy Graphs", Advances in Intelligent Systems and Computing, Vol. 1292, pp. 549–561. 2. R. Shanmugapriya and Mary Jiny D, 2021, "Fuzzy Super Resolving Number and Resolving number of Some Special Graphs", TWMS J. App. Eng. Math., Vol. 11(02), pp. 459-468. 3. Mary Jiny D and R. Shanmugapriya, 2021, "Properties of Fuzzy Resolving Set", Turkish Journal of Computer and Mathematics Education, Vol. 12(05), pp. 1085-1089. 4. Mary Jiny D and R. Shanmugapriya, 2020, "Modified Fuzzy Resolving Number", European Journal of Molecular & Clinical Medicine, Vol. 7(2), pp. 5047-5052. 5. R. Shanmugapriya and Mary Jiny D, 2019, "Fuzzy Super Resolving Number of Fuzzy Labelling Graphs", Journal of Advanced Research in Dynamical and Control Systems, Vol. 07, pp. 606-611.
5	VTD 272	14RECS1017	S. Sabeetha Saraswathi	CSE	24.02.2022	11.03.2022	Dr. N. Malarvizhi	<i>Secured Data Deduplication Techniques for Optimal Storage Management in Cloud</i>	Dr. Jiankun Hu, Professor, School of Engineering and Information Technology, The University of New South Wales, Defence Force Academy, PO. Box 7916, Canberra BC ACT 2610, Australia	Dr. Manjaiah D.H., Professor & Chairman, Department of Computer Science, Mangalore University, Mangalagangotri – 574 199, Karnataka , India	4	1	-	5	-	1. S. SabeethaSaraswathi, N. Malarvizhi, "Block Level Time Variant Dynamic Encryption Algorithm for Improved Cloud Security and Deduplication Using Block Level Topical Similarity", International Journal of Advanced Intelligence Paradigms, Vol. 19, Nos.3/4, pp.271-283, ISSN 1755-0394, 2021. 2. S. SabeethaSaraswathi, N.Malarvizhi, "Distributed deduplication with fingerprint index management model for big data storage in the cloud", Evolutionary Intelligence, Springer, ISSN 1864-5909, 2020. 3. S. SabeethaSaraswathi, N. Malarvizhi, "MEG- Krypto: A Modified Dynamic Elgamal Encryption Algorithm for Improved Cloud Security and Deduplication", Journal of Advanced Research in Dynamical & Control Systems, Volume 11, Special Issue-08, pp. 2483 – 2489, 2019. 4. S. SabeethaSaraswathi, N. Malarvizhi, "Data Storage and Memory Management Data in Cloud Computing Applications Using Similarity And Locality Based Deduplication", International Journal for Modern Trends in Science and Technology, Volume: 04, Issue No: 01, pp. 92 – 95, 2018 5. S. SabeethaSaraswathi, N. Malarvizhi, "Data Replication Techniques In Cloud - Survey", South Asian Journal Of Research In Engineering Science And Technology (Sajrest), Volume: 01 Special Issue: 01, pp. 107 – 113, 2016.

6	VTD 542	17RHEG1001	P Revathi	ENGLISH	16.03.2022	06.04.2022	Dr. M.R.Bindu	<i>Intrepid Voice of Dalits as a Tumultuous Uproar of Multitudes through Autobiography and Memoir</i>	Dr. T. Karunakaran, Senior Lecture Gr II, Department of English, English Language Teaching Center, University of Jaffna, P.O. Box 57, Thirunelvely, Jaffna, Sri Lanka	Dr. T. Marx, Professor, Department of English, Pondicherry University, Puducherry – 605014	6	-	3	9	-	1. Revathi, P. and Bindu, M.R., (2017), "Representation of Caste Issue In Mainstream Literature And Regional Literature", Research Journal of English Language and Literature (RJELAL), A Peer Reviewed (Refereed) International Journal, Vol.5 No.4, pp.233-237. 2. Revathi, P. and Bindu, M.R., (2019), "Om Prakash Valmiki's "Joothan": An Authentic Depiction of Dalit's Communal Space in the Artistic Endeavors of Autobiography", International Journal of Innovative Technology and Exploring Engineering (IJITEE) Vol.9 No.2, pp. 1685-1690. 3. Revathi, P. and Bindu, M.R., (2020), "Dalit Literature Acts as A Maneuver for Dalits Perspicacity and Self-Consciousness", Studies in Indian Place Names (UGC Care Journal) Vol.40 No.4, pp.241-249. 4. Revathi, P. and Bindu, M.R., (2020), "Baby Kamble: The Prisons We Broke Executes as A Contrivance to Conalesce the Oppressed", Tathapi (UGC Care Journal) Vol.19 No.18, pp. 175-185. 5. Revathi, P. and Bindu M.R., (2020), "Atavism of Social Stratum and its Absolutism in the Indian society", European Journal of Molecular & Clinical Medicine Vol.7 No.3, pp. 5918-5924. 6. Revathi P and Bindu, M.R., (2021) The Prisons We Broke Associated to Self-Reliance that Eloquent itself in the Conditions of Modernity", Psychology and Education Vol. 58. No.2, pp.5862-5865. 7. Revathi P and Bindu, M.R., (2021) "Karukku" Through Writer's Lens: Incredible Resilience in Bama's Life as A Christian Dalit", Elementary Education Online, Vol. 20 No.5, pp. 1131-1135. 223 8. Revathi, P and Bindu, M.R., (2021) "Swotting of Dalit autobiographies through Transformative Paradigm Research", Psychology and Education Vol.58 No.2, pp. 2776-2779. 9. Revathi P and Bindu M.R. (2021) "Kamble in a New Horizon:
7	VTD 281	14REEC1006	Harish Pasupulati	ECE	29.03.2022	21.04.2022	Dr. S. Baskar	<i>Modelling and Diagnosis of Brain Tumour using Intelligent Techniques</i>	Dr. Md. Shahjahan Ali, Professor, Department of Electrical and Electronic Engineering, Islamic University, House No. 94, Block – D, Housing Estate Kushtia, Kushtia – 7000, Bangladesh	Dr. K.B. Raja, Professor, Department of ECE, University Visweswaraiah College of Engineering, K R Circle, Bangalore	3	-	-	3	-	1. Harish P and Baskar S (2019) „A survey on detection, recognition, segmentation, and classification of brain tumor“, International Journal of Engineering and Advanced Technology, 8(2), pp. 249– 254. (SCOPUS INDEXED) https://www.ijeat.org/wp-content/uploads/papers/v8i2s2/B10520182S219.pdf 2. Harish P and Baskar S (2020b) „Safe engineering applications for diagnosis of brain abnormalities using adaptive local binary pattern-based texture analysis“, Journal of Green Engineering, 10(9), pp. 4727–4743. (SCOPUS INDEXED) http://www.jgenng.com/volume10-issue9.php 3. Harish Pasupulati and Baskar S (2020) „Safe engineering methods for detecting brain tumor using heat distribution merged saliency detection“, Journal of Green Engineering, 10(10), pp. 7946–7961. (SCOPUS INDEXED), http://www.jgenng.com/volume10-issue10.php
8	VTD 240	13RECS1039	D. Sugumaran	CSE	07.04.2022	22.04.2022	Dr. C.R. Bharathi	<i>AMBA: Adaptive Monarch Butterfly Algorithm based Information Transfer Scheduling in cloud for Big Data Applications</i>	Dr. Xiao-Zhi Gao, Professor, School of Computing, University of Eastern Finland, FI-70211 Kuopio, Finland	Dr. Vadivel A, Senior Professor, Department of CSE, Dean of Engineering, ICFAI Foundation or Higher Education (IFHE), Hyderabad	1	1	1	3	-	1. Sugumaran D, Bharathi C.R., "Scheduling to maximize the data transfer rate for big data applications in cloud system," International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-2S5, July 2019 2. Sugumaran D, Bharathi C.R., "Efficient data center Scheduling for Big Information application using Effective Client Handling Management Technique (ECHMT) in Cloud Computing", International Journal of Advanced Research in Engineering and Technology (IJARET), Volume 11, Issue 12, December 2020. 3. Sugumaran D, Bharathi C.R., "AMBA: Adaptive monarch butterfly algorithm based information transfer scheduling in cloud for big information application," International Journal of Advanced Computer Science and Applications (IJACSA) - Volume 12 No 2 February 2021

9	TD12	12RMBM1001	K.A. Harish	MANAGEMENT	11.04.2022	26.04.2022	Dr. B. Jeya Prabha	<i>Analysis of Teachers Stress and its Impact on Institutional Performance of Government and Private Schools in Chennai</i>	Dr. Huong Ha, Associate Professor, Head, Business Programme, School of Business, Singapore University of Social Sciences, 463, Clementi Rd, Singapore 59949	Dr. Bharati Deshpande, Associate Professor and MMS Program Head, Kohinoor Business School, Kurla (W)	2	-	10	12	-	[1] Harish, K.A., and Jeya Prabha, B., (2021). 'A predictive analysis on the annoyance of work environmental factors and its impact on the employees of private organizations during covid-19', Annals of the Romanian Society for Cell Biology, 25(4), pp.10043-10051. [2] Harish, K.A., and Jeya Prabha, B., (2021). 'Scientific assessment of stressors and identification of potential performance gap of teaching fraternity in government and private segments', Annals of the Romanian Society for Cell Biology, 25(4), pp.6532-6540. [3] K.A. Harish., and Dr.B.Jeya Prabha. (2021). 'Science of Stress - Psychological, Behavioral and Biological Determinants of Human Stressors during COVID-19', Turkish Journal of Physiotherapy and Rehabilitation, 32(3), pp.1629-1637. [4] K.A. Harish., and B. Jeya Prabha. (2020). 'Computational intelligence analysis on cumulative stressor contribution to the productivity of engineering and development process', Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2020.12.518 [5] K.A. Harish., and B. Jeya Prabha. (2020). 'Scientific assessment and evaluation of ineffectual human phenomenon in acquisition design and development', Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2020.12.1074 [6] Harish, K.A., and Jeya Prabha, B., (2020). 'Review on Impact of Quality of Work-Life Balance of Women Employees in an Organization'. International Journal on Emerging Technologies, 11(3), pp.1059-1064. [7] K.A. Harish., and Dr.B.Jeya Prabha. (2019). 'A Fact-Finding Research on the Employment Stressors and its Imprint on the Work Satisfaction of the Teaching Fraternity working in Public and 185 Private Schools', International Journal of Recent Technology and Engineering, 08(4), pp.5777-5781. [8] K.A. Harish., and Dr.B.Jeya Prabha. (2019). 'Teaching Professional Stressors: an Empirical Research with Reference to Female Teachers Working in Private Schools', International
10	VTD 309	14REEC1025	K. Aanandha Saravanan	ECE	12.04.2022	27.04.2022	Dr. P. Suresh	Energy Efficient Adaptive Quorum based MAC Protocol for Heterogeneous Wireless Sensor Network	Dr. Celestine Iwendi, Associate Professor, Department of Computer Science, University of Bolton, Bolton BL3 5AB, United Kingdom	Dr. T. Veera Kumar, Associate Professor, Department of Electronics and Communication Engineering, NIT, Goa, National Institute of Technology, Near ITI College, Farmgudi, Ponda, Goa - 403 401	3	1	-	4	-	1. Dr.P.Suresh, K. Aanandha Saravanan, Dr. Celestine Iwendi, Dr. Ebuka Ibeke, Dr. Gautam Srivastava "An Artificial Intelligence Based Quorum System for the Improvement of the Lifespan of Sensor Networks", IEEE SENSORS JOURNAL, 2021. 2. K. Aanandha Saravanan and Dr.P.Suresh "Cluster Head Election - A Novel Dynamic Methodology for Large Scale Wireless Sensor Networks", International Journal of Advanced Science and Technology Vol. 29, No. 1, (2020), pp. 1553 - 1561. 3. K. Aanandha Saravanan and Dr.P.Suresh, "Dynamic and efficient traffic load balancing strategy for real-time sensor networks", Jour of Advanced Research in Dynamical & Control Systems, Vol. 10, 02-Special Issue, 2018. 4. K. Aanandha Saravanan and Dr.P.Suresh, "Prioritized scheduling scheme for critical and non-critical information packets," International Journal of Engineering & Technology, 7 (3) (2018) 1705-1708

11	VTD 399	16RECS1004	Murali E	CSE	22.04.2022	09.05.2022	Dr. E. Kannan	Classification of Brain Tumor and Grades using Faster - Region based Convolutional Neural Network and Region Proposal Network	Dr. Lipo Wang, Professor, School of Electrical and Electronics Engineering, Nanyang Technological University, Block S1, 50 Nanyang Avenue, Singapore – 639798	Dr. Nita M. Thakare, Associate Professor & Head of the Department, Department of Computer Technology, Priyadarshini College of Engineering, Nagpur, Maharashtra	3	2	2	7	–	1. Published a paper on "Classification of brain tumor and grades using Faster Region-based Convolutional Neural Network with Region Proposal Network" in Journal of Natural Remedies" Vol. 21, Issue 9(1), ISSN No. 2320-3358, Pages 142-151, January 2021. 2. Published a paper on "Brain Tumor Detection From Mri Using Adaptive Thresholding And Histogram Based Techniques" in Scalable Computing: Practice and Experience" Vol. 21, Issue 1, ISSN No. 1895-1767, Pages 3-10, March 2020. 3. Published a paper on "A Novel Approach For Classification Of Brain Tumor Using R-CNN" in International Journal of Engineering Applied Sciences and Technology" Vol. 4, Issue 4, ISSN No. 2455-2143, Pages 360-364, August 2019. 4. Published a paper on "Stochastic Gradient Descent Optimizer for Segmentation of Brain Tumor using Mask R-CNN" in Journal of Emerging Technologies and Innovative Research" Vol. 6, Issue 6, ISSN No. 2349-5162, Pages 234-238, June 2019. 5. Published a paper on "A Hybrid Approach to the Classification Brain Tumors from MRI Images using Fast Bounding Box Algorithm" in International Journal of Simulation Systems, Science and Technology Vol. 19. Issue 04, August 2018 ISSN:1473-804X. 6. Published a paper on "A Phenomenological Survey on Various Types of Brain Diseases using Soft Computing Techniques " in 109 International Journal of Civil Engineering and Technology " Vol. 08. Issue 09, Sep 2017 ISSN:0976-6308. 7. Published a paper on "Study on Various Machine Learning Algorithms for Brain Tumor Detection" in International Journal of Pure and Applied Mathematics " Vol. 117, Issue 08, Oct 2017 ISSN:1314-3395.
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STRATEGIC PLAN 2021-26

The Path Ahead

Strategic Plan 2021–2026 sets out specific targets in every sphere of activity of the Institute academic programmes, research, collaboration with industry, human resource development, entrepreneurship, development of infrastructure and facilities, student life, placement, community outreach, international and alumni relations. These targets have been set after extensive consultation to ensure that they are both ambitious and achievable. The targets will likely be exceeded if the contributions of stakeholder's faculty, staff, students, alumni, international partners and collaborators from industry are aligned and reinforce each other.

VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

STRATEGIC PLAN 2021-26

VISION

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

MISSION

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

Vel Tech has already begun many strategic initiatives to establish itself as one of the Top multi-disciplinary and research-led institutions in India. Some of these are highlighted below.

Academic Innovations:

The institution offers 18 UG, 19 PG and 15 Ph.D. programmes. It has 10434 students and 743 faculty members. Vel Tech has established CDIO-Engineering Workspaces, which are accessible to promote and stimulate hands-on learning of products, processes, system development, disciplinary knowledge, and social learning. Adoption of Outcome Based Education and Evaluation in-line with the Washington Accord has been implemented. Professors from world-renowned premier institutions and expert members from top-tier industries visit Vel Tech on a regular basis for academic and research related discussions

Research:

Institute is pro-active in meeting the demands and goals of NEP-2020 in terms of research. Vel Tech's Research fellowships are given to the full time Ph.D. scholars. Financial incentives for the publication of research papers, consultancy works & funded projects to the faculty members, seed fund and 100% contribution to patenting fees, etc., have created a positive impact on research output. The institution has created a conducive physical ambience with four Centers of Excellence and 20 laboratories to carry out research activities in emerging areas. The institution has interaction with 3800 industries and signed 342 MoUs with

government organizations, industries/ MNCs, international universities, public sector units and R&D labs.

Research Highlights So far

- Vel Tech is a multi-disciplinary teaching and research institute pursuing research activities in more than 10 thrust research areas such as, Additive Manufacturing, Aerodynamics and Propulsion, Artificial Intelligence and Machine Learning, Bio-Nano Technology and Bio-Sensors, Composite Materials and Metallurgy, Computational Fluid Dynamics, Finite Element Analysis, Image Processing, and Deep Learning, Nano-materials and Coatings and Unmanned Aerial Vehicles, etc.
- Vel Tech Research Park houses well established National facilities, Centres of Excellence and Cutting - Edge Laboratories to promote research among students and faculty members.
- Vel Tech has received grants worth of Rs 5000+ lakhs from diverse funding agencies such as DST, SERB, DBT, DST-NSTEDB, MeitY, DRDO, ISRO, CSIR, DST-CII-GITA, ICSSR, AICTE, TNSCST, CPRI, MSME, IE and other International Collaborations (Indo – Taiwan, Indo – France, Indo – Canada, Indo – Korea).
- In association with various organizations and industries, sophisticated laboratories were established at Research Park. Over 20 research labs are fully functioning at Research park with active Industry-Academia collaboration. To name a few, the Dassault System Lab, Centre for Autonomous System Research, 3D Printing and Scanning Lab, Cyber Security Lab, Artificial Intelligence Lab and Green Synthesis and Novel Bio & Nanomaterials Lab.
- Institute provides funds for filing provisional, complete specifications until the patent is granted. Seed grant is provided to the faculty members to perform preliminary research, procurement of research equipment, software, and other research activities.
- Research team of Vel Tech involved in development of UAVs in association with University of Victoria, Canada and Daegu Gyeongbuk Institute of Science and Technology (DGIST), South Korea for bridge inspection and water quality monitoring. Indo – France research collaboration focused on the development of Electric Bike.
- High-speed bearing test facility developed with GTRE funding of 188 lakhs is well utilized for testing the bearing of HAL, CVRDE, and GE.
- 25 Research Projects worth of more than Rs. 600 lakh funded by DBT, DRDO, DST, ISRO, SERB, Central Power Research Institute, and TNSCST are ongoing.
- IPR cell has filed 141 patents and out of which 14 are granted and 114 are published.

- Vel Tech received Rs. 180+ lakh from Non-Govt. agencies and Rs. 700+ lakh from Govt. agencies for pursuit of Research in last five years.
- Institute has more than 171 MOUs with industry and established industry collaborated labs such as WABCO Centre of Excellence (WABCO India), Engine test facility (ARAI, Greaves Cotton, Ashok Leyland and TAFE), High-Speed bearing Test Facility established with the funding from GTRE, DRDO and promotes industry collaborated research with active participation of faculty members and students.
- Institute has 25 ongoing research projects worth Rs.650 lakh, 14 patents were granted and more than 50 funded projects were completed under different funding agencies.
- Knowledge Resource Centre (KRC) houses more than 200 innovation-driven PoCs and research outcomes. It provides a pipeline of innovations required for Vel Tech Technology Business Incubator.
- Vel Tech has strong international collaboration and 166 MoUs were signed between various Universities/research organizations across the globe.

What we do

- We value curiosity-driven research at VelTech and reward academic independence by providing an encouraging and supportive work environment. We are known for being passionate doers and always link an objective to an action.
- We employ the best quality people from the best institutions and provide them academic independence to set them free to carry out their research interests in well supported working ambience at VelTech. We encourage research to achieve sustainable development goals across the university.
- We can offer more efficient services with stronger faculty strength, and we would always link an objective and action.
- VelTech is so much more than a leading research-intensive university. We are an academic university, a university with values and we give importance to student experience besides education and research. Subsequently, our Strategy describes how we will build on our strengths to do more efficiently in research, education and the wider student experience. We believe and expect the best outcomes from our university.
- We will work hard for global recognition and to make VelTech a more significant player in our region, and beyond.

Infrastructure:

The institution has created a conducive physical ambience with four Centers of Excellence and 20 laboratories to carry out research activities in emerging areas. It has an excellent residential facility to 8000 students, faculty accommodation facility and sports facility.

Internationalization:

The semester abroad programme with lineage of 171 abroad university and XXX students have got opportunity to study their masters in abroad university. Professors from world-renowned premier institutions and expert members from top-tier industries visit Vel Tech on a regular basis for academic and research related discussions.

Entrepreneurship and Innovation:

the institution established the Technology Business Incubator in the year 2010 with the aim to promote entrepreneurship to bring the campus born ventures. Vel Tech Technology Incubator is an institutional mechanism which is dedicated to support entrepreneurship, promoting new technological business ideas to become a growth-oriented startup.

We are supporting startups by providing free incubation space with internet connection, mentoring support, networking support, other strategic partner offerings are from Google Cloud credits, Amazon credits, ZOHO Apps for business, RBL/BOB/DBS bank account, Paytm, Resileo Labs, YNOS venture engine, Effitrac, Stanford seed spark, Wadhwani Foundation, Math works, Sri Ramachandra Hospital, Kauvery Hospital, Sales & Marketing, Training, Workshops, Also Facility support - Manufacturing CoE, IT/ITES (AI/ML/DL - DGX - I Platform), E-Waste recycling, 3D Printing, PCB Line of Equipment and finally financial seed support.

Vel Tech Technology Incubator has been selected as “NIDHI - Centre of Excellence” catalyzed and Supported by NSTEDB Division, Department of Science and Technology (DST), GOI with funding support to scale up its activities. It has also been approved DST-NIDHI-PRAYAS, SEED SSS, MeitY TIDE 2.0, and SISFS.

Incubation Space – 30,000 Sq.ft, Office Space – 8000 Sq.ft , Thrust area equipment, Space – 64000 Sq.ft, Conference room – 10,000 Sq.ft, Meeting room – 3500 Sq.ft, Our Thrust Area Equipment Space, CoE of manufacturing, E-waste and Plastic waste recycling facility, CoE of Design, Engineering & Manufacturing – Dassault Supported, CoE of Virtual Instrumentation facility – Supported by NI, Additive Manufacturing facility, CDIO Facility – Product development, CoE for Vehicle Control Systems – Supported by Wabco, CoE for SMD & SMT Technologies, CoE for AI, ML & DL – Supported by NVIDIA

Vel tech established various support services to provide handholding support to incubated startups,

Mentoring for prototype or product development or Commercialization

- In-house 3D Printing, PCB Design and fabrication, CNC machines, CDIO lab to support prototype development
- Start-up coach – experienced teaching faculty to mentor the product development
- Demo day/ support to incubatees to participate in technical events
- Industry connect to get expert advice

Functional Support - Legal Advice, H.R. Support, Marketing support

- Associated with Rajasekaran Associates for speedy IP/Legal advice
- IPR policy in place
- Mentoring support from Chennai Patent office/NRDC – Visag
- IP Adviser – Dr BK Sahu, VIZAG to advice incubated Startups
- Regular events to educate Startups on importance of IP protection

Networking – Investor, Corporate, Government etc

- Vel Tech TBI established wide industry associations for mentorship, technical support
- Knowledge Partner of EDII TN – Voucher Programme
- Associated with FICCI, SPIN, CII, ISBA.
- Partnered with Industry Association – ACMA, AIMA, SIDCO & TIDCO

Funding done by incubator into incubatees

- NIDHI PRAYAS Scheme –funded 28 idea stage startups
- DST – SEED Support Scheme supported 13 Startups to the tune of 2.00 Cr
- EDII TN Voucher Programme – Funded One Startup worth of 3.5 lakhs
- MeitYTIDE2.0 Scheme - funded 4 idea stage startups

Ranking and Recognitions:

In recognition of competitive excellence, Vel Tech stands in the top hundred positions in 'NIRF India Ranking' under the engineering category in a row of five years. The Institute has received major awards in the recent past, including Times Higher Education Rankings for the "Young University Rankings 2022", QS Asia University Rankings 2022 and Diamond University Rating awarded by QS I-GAUGE, University of the year 2020 by Higher Education Review, Outstanding Engineering Institute for Research and Innovation in 2020 and Outstanding University in Training and Placement in 2021 by Digital Learning. In ARIIA Ranking (Innovation and Entrepreneurship), the institution bagged the Fifth position out of 800 institutions in 2019 and ranked in Excellent Band where 36 universities are listed out of 2400 institutions in 2021.

Outreach Programmes:

On par with national goals regarding social engagement and life skills, the institute is organizing many societal outreach events with NCC, NSS, UBA, SB schemes and student clubs. Also, Hackathons (Software and Hardware), SANDHAI and other prominent events are regularly organized to motivate students in developing their extracurricular activities.

VISION 2026

Strategic Plan:

The strategic plan of this Institution sets goals on major thrust areas of development. It is believed that the collective efforts of all the stakeholders will lead towards the successful achievement of goals of the strategic plan 2021-26. Several initiatives are being taken with the tremendous co-operation and support of the stake holders in order to have a better and amiable external and internal environment.

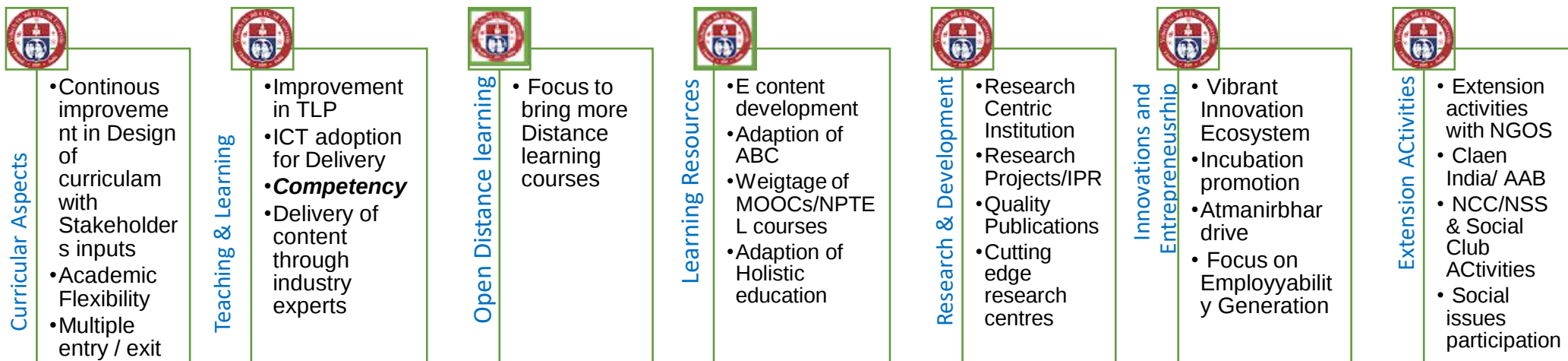
The Plan envisages focus on four major areas viz.

1. Curricular Aspects improvements
 - a. Teaching and Learning
 - b. Open Distance learning
 - c. Holistic and Multi-Disciplinary Education
 - d. Learning Resources
2. Research & Development
3. Innovation and Entrepreneurship
4. Extension Activities
5. Infrastructure Development
6. Industry Partnerships
7. Internationalization
8. Ranking and Recognitions

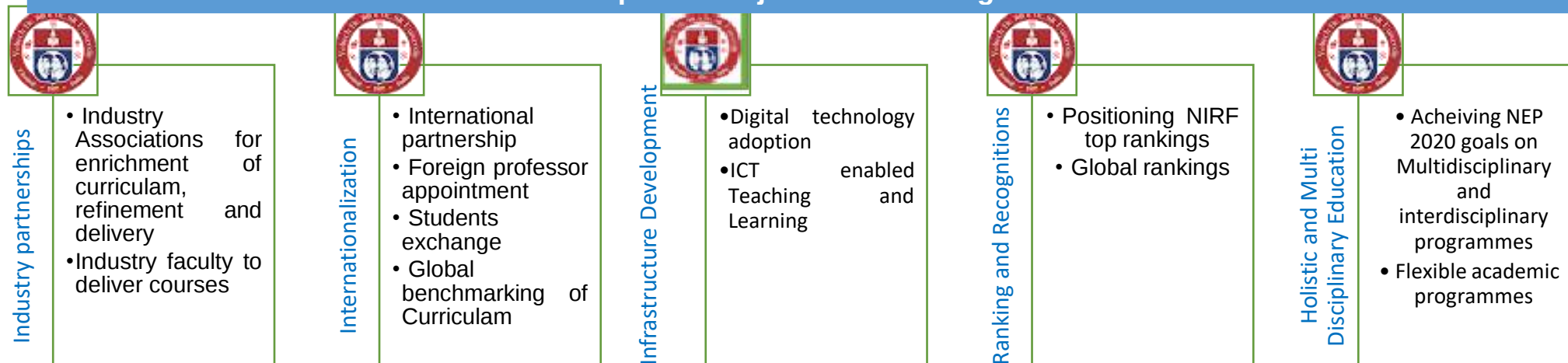
which covers all the transformational changes in the developmental processes as given hereunder:

Frame work of Vision 2026 and Strategic Plan

VISION and MISSION



Specific Objectives and Targets



Active Participation and approval



Board of Studies

Academic Council

Board of Management

Curriculum Development and Implementation of Academic reforms

(Curriculum and Teaching & Learning)

The institution has been adopting interdisciplinary programs in the thrust areas of study in the faculties of Engineering Technology, Law, Management, and Arts and Science, expanding them in a gradual manner and it is hoped that the institution can offer interdisciplinary courses more extensively. Focusing on offering market-oriented interdisciplinary programs at all levels under this facet, will be largely helpful to the students to be aware of setting trends and it enables them to build skill sets.

Falling in line with the recommendations of the National Education Policy (NEP), It has been proposed to establish a separate cell to monitor induction of a number of schools in multi-disciplinary in nature and to modify existing schools, especially the school of Basic Sciences, School of Management and Law to make them as a School of Liberal Studies and to frame modalities and guidelines as how to effectively these programs can be with the support of partner institutions, wherever, necessary. There is also a proposal to offer disciplines such as Health Economics, Data Sciences, Bioinformatics, etc. at this Institution under interdisciplinary facet, in the near future.

It is believed that the Pedagogical innovations and curriculum changes will promote more inter-disciplinary learning by using technology, involved in teaching and learning. The Institution is strongly believing that there should be a transit from the customary learning methodologies to more practical learning approaches facilitating experiential learning as it is felt that this is the need of the hour. Technology reforms such as powered classrooms allowing for innovative pedagogical approaches like (i) flipped classrooms, (ii) MOOCs, (iii) Collaborative learning, etc., will be constituted to promote education delivery towards global standards.

Hybrid learning is termed as the combination of online and offline modes of teaching and learning process. The institution is planning to set up more number of Active Learning spaces (ALSs) in the Institution. By virtue of the experience that this institution had during the COVID 19 pandemic, the faculty members have gained adequate knowledge and experience in the conduct of online classes and preparation of course materials, activities connected with the delivery of online lectures, distribution of course materials, uploading them in you tubes etc. The institution has been establishing a well-furnished media studio

in the department of media studies with an intention of uploading classic course materials, learning guidelines and principles in the national sites like NTPL and Swayam.

The CDIO (Conceive-Design-Implement-Operate) initiative engineering workspaces, established in the University as first of its kind in India, providing the real industry atmosphere to the students to perform all the duties of professional engineers during the entire programme of their study. The Vel Tech curriculum benchmarked internally with CDIO syllabus version, 2.0 fulfils the graduate attribute of National Board of Accreditation (NBA Tier 1) Washington accord and adheres to the guideline of the Choice Based Credit System (CBCS) based flexible curriculum.

The Institution is also re-modeling the curriculum to include components of Research curriculum pattern called Under Graduate Research Opportunities Program (UROP), internships, capstone project or thesis.

The Institution is planning for the Introduction and implementation of short-duration courses of with the duration of less than a year for the working people in pursuit of career growth, by assigning this responsibility to a senior faculty on a standalone basis or in collaboration with industry partners/ international academic institutions.

This institution will go for ABET accreditation for the core engineering programs in its all campuses during the plan period.

The institution has been intensively working out an intensive plan for getting NBA accreditation for all its departments within this plan period and it is also believed that the Institution will get A++ status under NAAC Accreditation.

Vel Tech is planning to establish Centres of Excellence (COE) in areas to improve the quality of research by investing in faculty development, increasing the number of post graduate and doctorate students and extensively building a network of partnerships with leading local and global institutions.

Learning Resources

Institutional library holdings in terms of books, journals, e-resources and other learning materials including technology-aided learning mechanisms which enable students to acquire information, knowledge and skills required for their study programmes are adequate. A recent development in the field due to availability of digital technologies, is in the functioning of the library which has undergone a drastic change. Automation of library using the ILMS, use of e-journals and books, providing remote access to e-resources in the library have become a matter of necessity. Providing for these and other such developments as well as utilizing them well are important indicators of the quality of an academic institution.

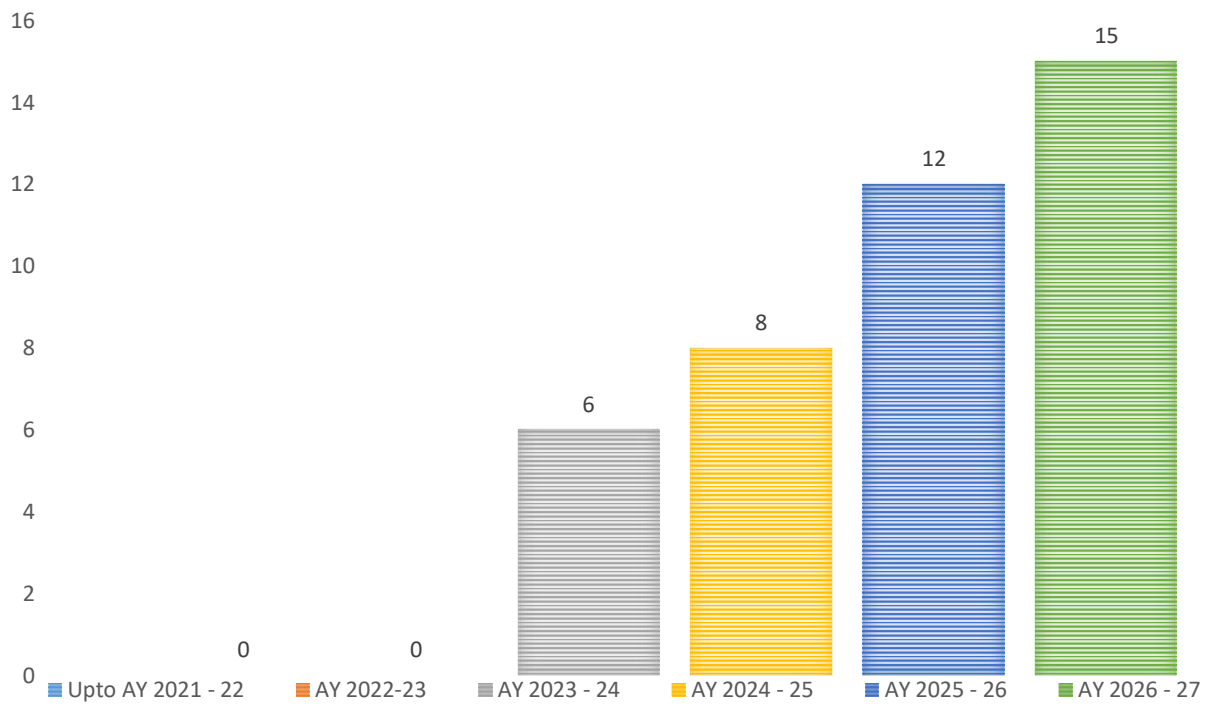
Target 1 Emergence as high rated and focused learning institution

1. Development of effective curriculum to cater to the industry needs. In consonance with the New Educational Policy
2. To Focus on Inter disciplinary and Multidisciplinary programs along with industry oriented online courses leading to graduates
3. Increase of students to 15,500 with 5% International students
4. Facilitating industrial internships / Visits for enhancing industry-readiness and employability of students.
5. ABET accreditation for core engineering programmes
5. Introducing new programmes in emerging areas and multi-disciplinary PG programs
6. Improving performance of students in competitive and professional examinations
7. Increase the number of full time Ph.D. Scholars with stipends

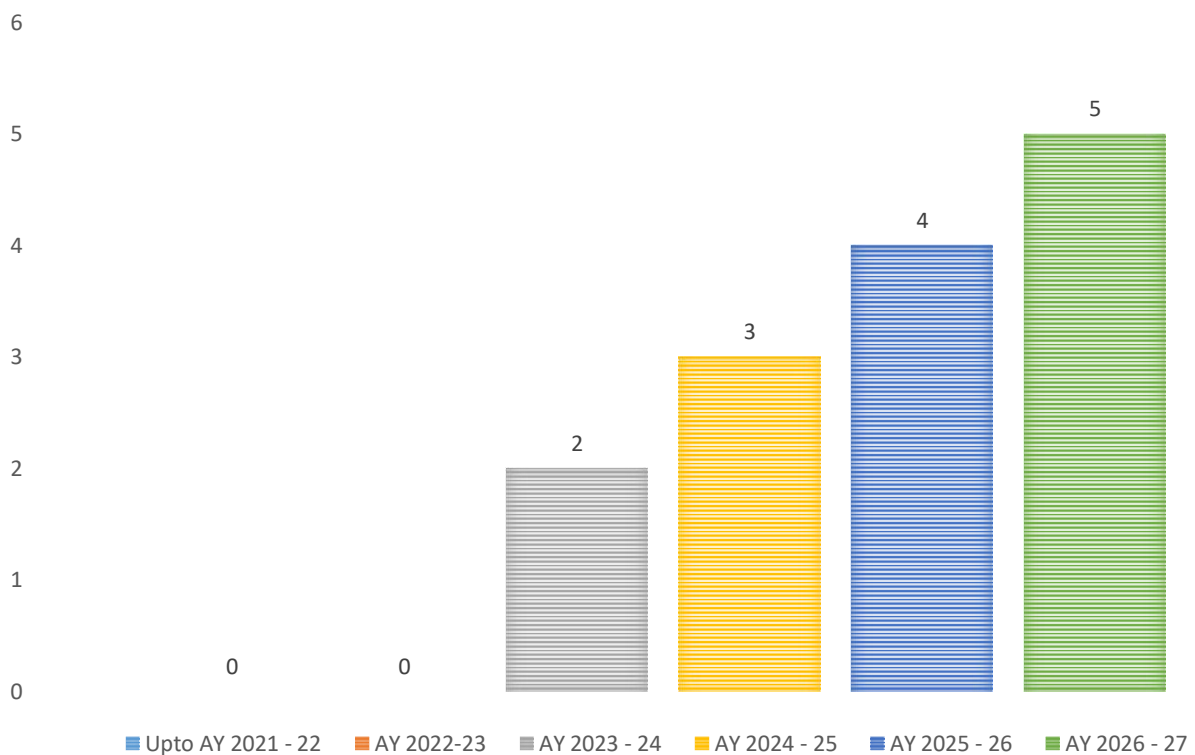
Progress in Academic reforms would be tracked on the following parameters.

Sl. No	Particulars	Upto AY 2021 - 22	AY 2022-23	AY 2023 - 24	AY 2024 - 25	AY 2025 - 26	AY 2026 - 27
1	Introduction of Multidisciplinary and ODL Programmes	-	-	6	8	12	15
2	ABET accreditation for core engineering programmes	-	-	2	3	4	5
3	Students strength	10,500	11,500	12,500	13,500	14,500	15,500
4	No. of Research Scholars to be admitted	565	640	715	790	865	940
5	No. of Scholars to be Awarded	137	177	227	287	357	437
6	Introducing new programmes in emerging areas & Multi Disciplinary Programmes	3	6	9	12	15	18
7	Increase the number of full time Ph.D. Scholars with stipends	94	124	154	189	224	264

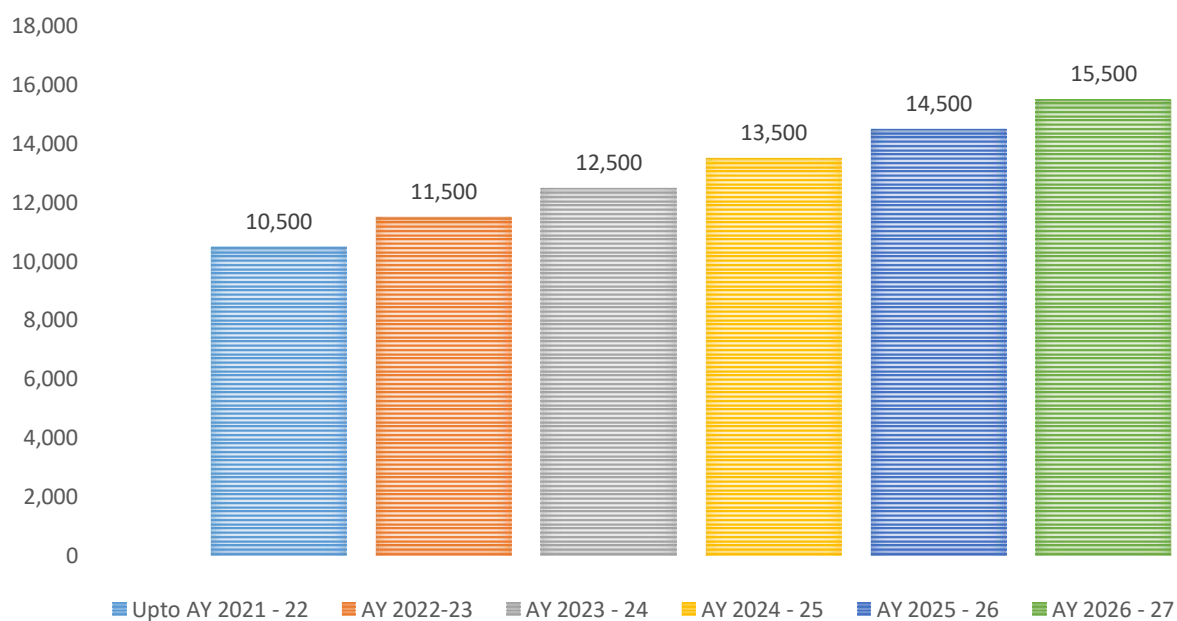
INTRODUCTION OF MULTIDISCIPLINARY AND ODL PROGRAMMES



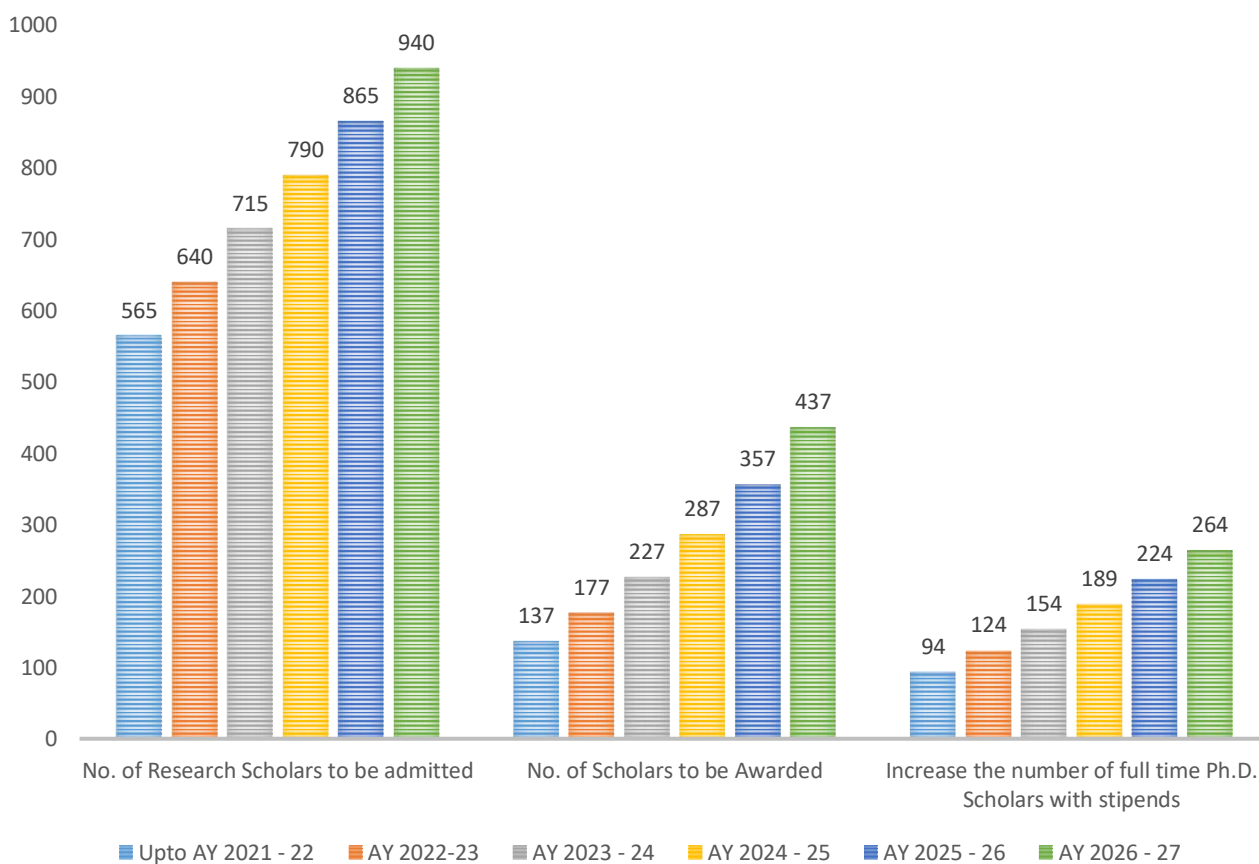
ABET ACCREDITATION FOR CORE ENGINEERING PROGRAMMES



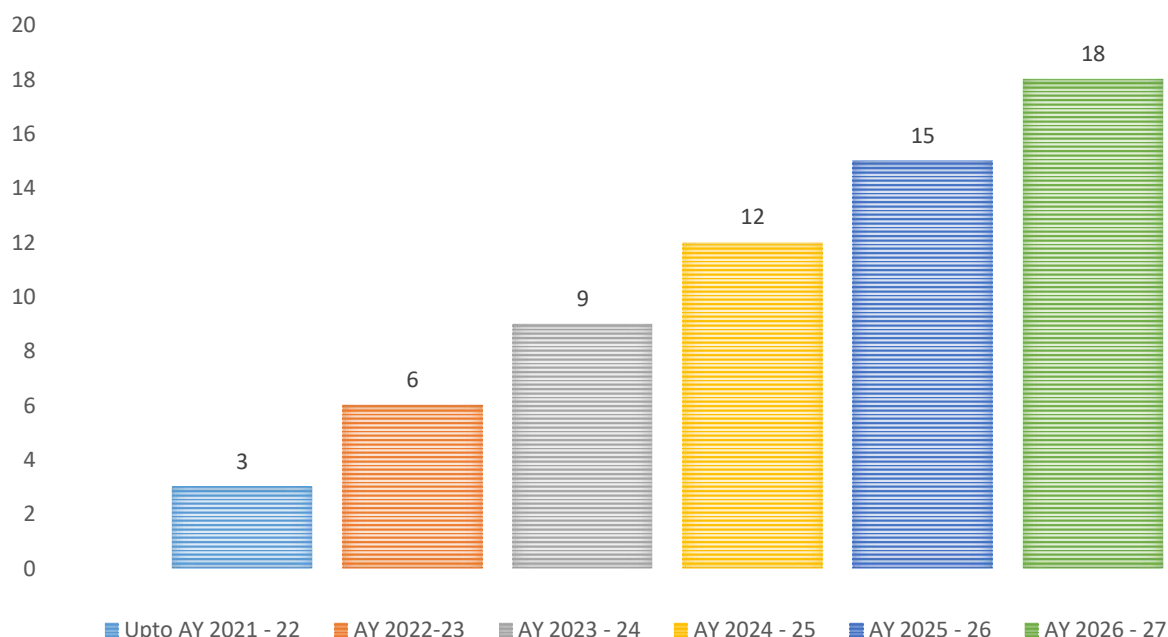
STUDENTS STRENGTH



RESEARCH SCHOLARS



INTRODUCING NEW PROGRAMMES IN EMERGING AREAS & MULTI DISCIPLINARY PROGRAMMES



Research & Development

Vel Tech has established a Research Park that houses various laboratories that carry out basic and applied research in several core domains and also inter disciplinary domains with active involvement of faculty and students.

Some of the thrust areas are - autonomous vehicles, additive manufacturing, waste management through biological treatment, advanced materials, engineering analysis, advanced materials etc. One of the most important features of the research park is the Vel Tech -France Col laboratory dedicated to the development of innovative devices and motors for medical and strategic applications.

The research Park is also the harbinger for fostering relations with the University of Victoria and Tamkang University by virtue of which projects under IC IMPACTS and also GITA are jointly carried out by Vel Tech. Vision 2021 envisages a major focus on Research Park with an estimated inflow of 4% international students and more number of MoUs with Industry and International Institution in a span of 5 years. The continued support by DRDO, DST, DAE etc. has enabled the faculty to set up well-equipped research laboratories.

Research Highlights So far

- Vel Tech is a multi-disciplinary teaching and research institute pursuing research activities in more than 10 thrust research areas such as, Additive Manufacturing, Aerodynamics and Propulsion, Artificial Intelligence and Machine Learning, Bio-Nano Technology and Bio-Sensors, Composite Materials and Metallurgy, Computational Fluid Dynamics, Finite Element Analysis, Image Processing, and Deep Learning, Nano-materials and Coatings and Unmanned Aerial Vehicles, etc.
- Vel Tech Research Park houses well-established National facilities, Centres of Excellence and Cutting - Edge Laboratories to promote research among students and faculty members.
- Vel Tech has received grants worth of Rs 5000+ lakhs from diverse funding agencies such as DST, SERB, DBT, DST-NSTEDB, MeitY, DRDO, ISRO, CSIR, DST-CII-GITA, ICSSR, AICTE, TNSCST, CPRI, MSME, IE and other International Collaborations (Indo – Taiwan, Indo – France, Indo – Canada, Indo – Korea).
- In association with various organizations and industries, sophisticated laboratories were established at Research Park. Over 20 research labs are fully functioning at Research park with active Industry-Academia collaboration. To name a few, the Dassault System Lab, Centre for Autonomous System Research, 3D Printing and Scanning Lab, Cyber Security Lab, Artificial Intelligence Lab and Green Synthesis and Novel Bio & Nanomaterials Lab.
- Institute provides funds for filing provisional, complete specifications until the patent is granted. Seed grant is provided to the faculty members to perform preliminary research, procurement of research equipment, software, and other research activities.
- Research team of Vel Tech involved in development of UAVs in association with University of Victoria, Canada and Daegu Gyeongbuk Institute of Science and Technology (DGIST), South Korea for bridge inspection and water quality monitoring. Indo – France research collaboration focused on the development of Electric Bike.
- High-speed bearing test facility developed with GTRE funding of 188 lakhs is well utilized for testing the bearing of HAL, CVRDE, and GE.
- 25 Research Projects worth of more than Rs. 600 lakh funded by DBT, DRDO, DST, ISRO, SERB, Central Power Research Institute, and TNSCST are ongoing.
- IPR cell has filed 141 patents and out of which 14 are granted and 114 are published.
- Vel Tech received Rs. 180+ lakh from Non-Govt. agencies and Rs. 700+ lakh from Govt. agencies for pursuit of Research in last five years.

- Institute has more than 171 MOUs with industry and established industry collaborated labs such as WABCO Centre of Excellence (WABCO India), Engine test facility (ARAI, Greaves Cotton, Ashok Leyland and TAFE), High-Speed bearing Test Facility established with the funding from GTRE, DRDO and promotes industry collaborated research with active participation of faculty members and students.
- Institute has 25 ongoing research projects worth Rs.650 lakh, 14 patents were granted and more than 50 funded projects were completed under different funding agencies.
- Knowledge Resource Centre (KRC) houses more than 200 innovation-driven PoCs and research outcomes. It provides a pipeline of innovations required for Vel Tech Technology Business Incubator.
- Vel Tech has strong international collaboration and 166 MoUs were signed between various Universities/research organizations across the globe.

What we do

- We value curiosity-driven research at VelTech and reward academic independence by providing an encouraging and supportive work environment. We are known for being passionate doers and always link an objective to an action.
- We employ the best quality people from the best institutions and provide them academic independence to set them free to carry out their research interests in well supported working ambience at VelTech. We encourage research to achieve sustainable development goals across the university.
- We can offer more efficient services with stronger faculty strength, and we would always link an objective and action.
- VelTech is so much more than a leading research-intensive university. We are an academic university, a university with values and we give importance to student experience besides education and research. Subsequently, our Strategy describes how we will build on our strengths to do more efficiently in research, education and the wider student experience. We believe and expect the best outcomes from our university.
- We will work hard for global recognition and to make VelTech a more significant player in our region, and beyond.

Research Excellence - Goals



Research & Engagement

We are and we will:

- Deliver an immense quantity of quality global research across all academic departments through existing in-house COEs and always prepared to establish new ones
- Produce and propagate research that has a positive impact on regional, national and international challenges where it benefits society as a whole and helps to establish a valuable economy with a decent physical environment
- Offer a productive research environment with rewards and incentives throughout the year and facilitate an outstanding research-led learning experience to workforces

People

We are and we will:

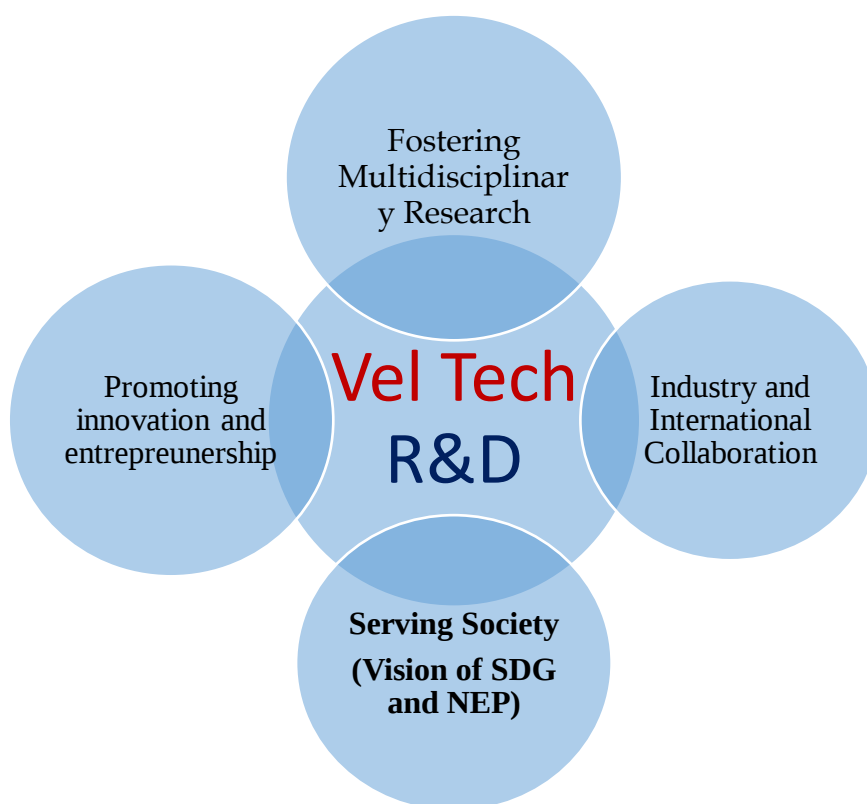
- Strengthen our manpower by steady recruitment and mentoring staff members with the highest quality professional resources.
- Foster job satisfaction, productivity and career advancement routes for employees, and constitute creative teams with colleagues where they can develop their professional expertise
- Safeguard that progressively diverse workforce is treated equally, impartially, and with respect and that all personnel are evidently valued and actively engaged

Future Prospects of Research

Vel Tech has been undertaking research in consonance with the needs of the national and international agencies involved in research and has been successfully carrying many research projects in the multiple disciplines. Hopefully, Vel Tech can handle two hundred plus research projects in the next five years successfully.

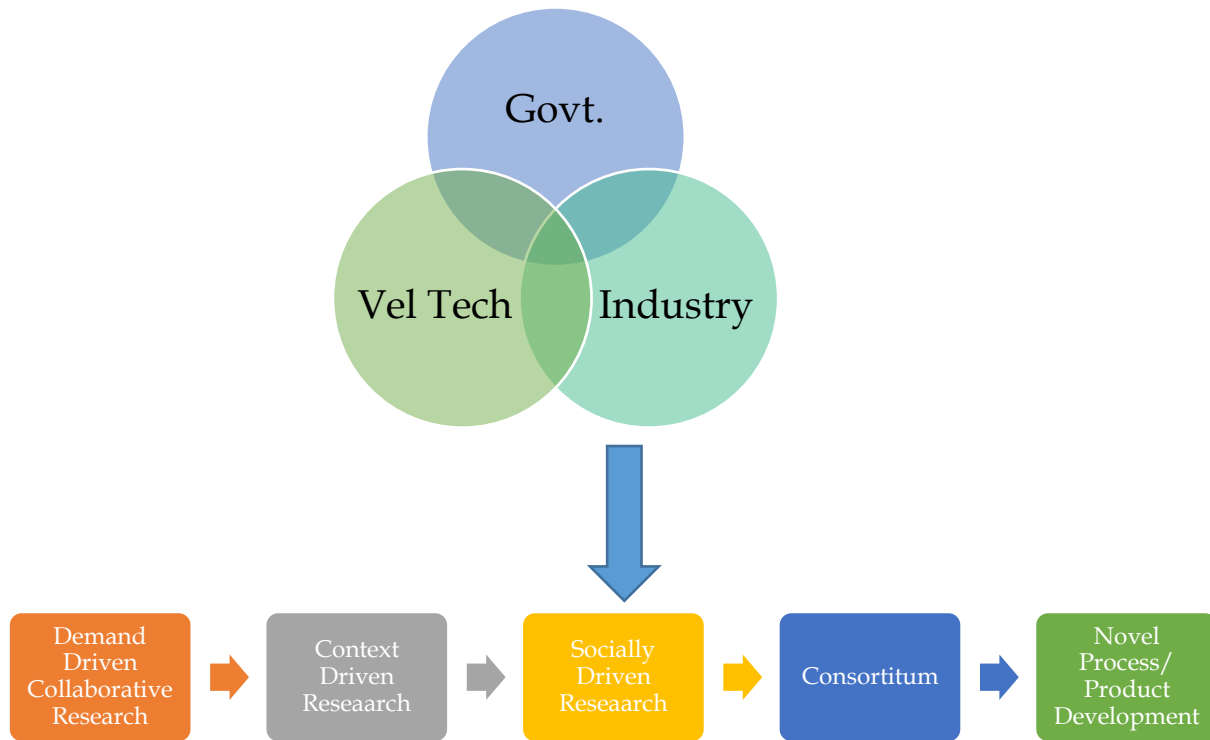
The centres of excellence in partnership with industries such as WABCO, Dassault Systems, National Instruments, IBM etc., have led to specialized facilities with dual benefits of skilling the students in high technology domains and also enabling concerted research. Vel Tech will be setting up Technology Transfer Cell for enhancing commercialization aspects with Industry-Academia Collaboration. The researchers and the faculty members who have interest in multi-disciplinary research are encouraged research under this facet.

Vel Tech R & D ecosystem will focus on four main themes



The extramural grants for specific research areas from various funding agencies, industry sponsorships, CSR funds for research, international collaborative research funds would be resourced in Five years to increase the funding of Rs 2000 lakh. The PhD qualified faculty members will be increased to 80% and number of PhD students would be 1000 in 2026 for promoting high quality research serving to societal needs. The research outcome of the faculty in terms of increase in publications, citations, patents and funded projects will be targeted.

Industry – Academia Collaborative Research



- Focusing on the translational research towards the need of the industry and society by building a well defined process model.
- Marching towards creating center of excellence in the development of bio products, innovative process development, biomedical diagnostics and green energy etc.
- Research of social relevance, which impacts society directly in terms of environment friendly technologies including safe drinking water, sanitation, organic farming, clean energy (solar energy, green fuels etc), disaster management and mitigation through Industrial collaboration.
- Center for functional material classes ranging from semiconductors to polymers and molecular crystals to nanoparticles for the industry needs will be established.
- Getting projects from BIRAC government funding agency in collaboration with industries.
- Extend our research facility for industry experts to pursue PhD in collaboration with our faculty members.
- Creating various domains for the students as per industrial demands, providing solutions, scaleup the industries for validation and implementing the techno - economic analysis.

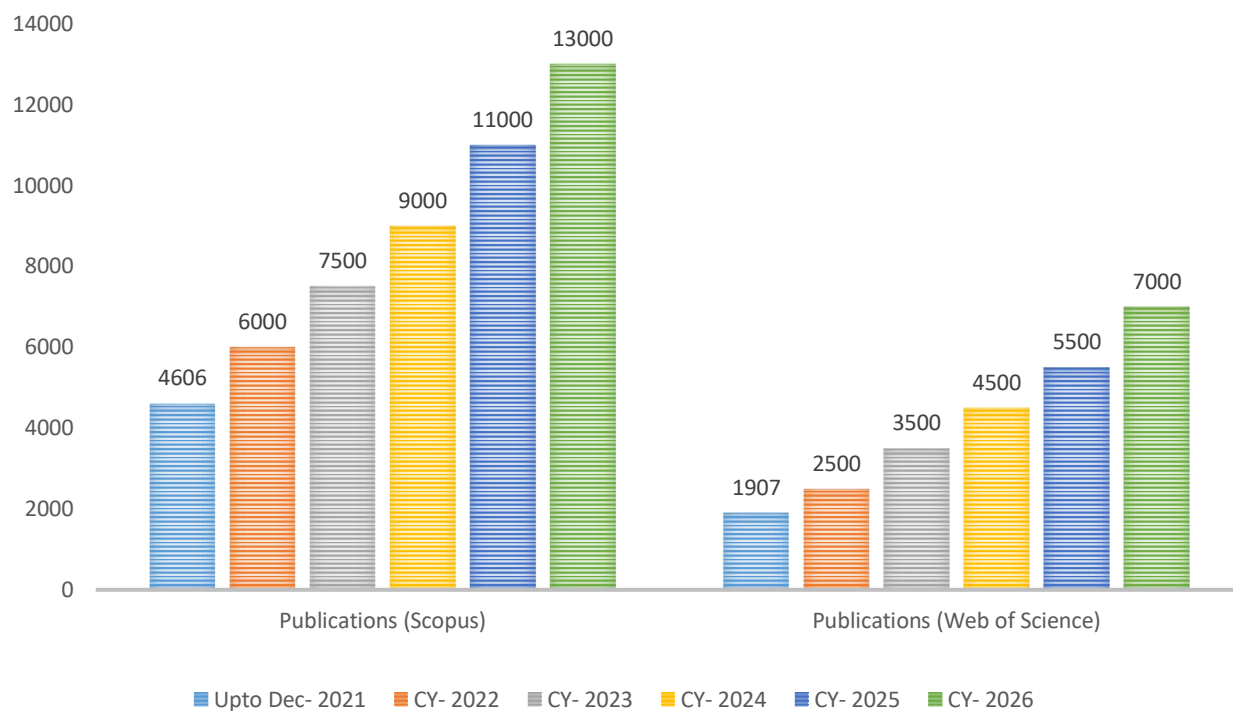
International Collaborative Research



Progress in Research & Innovation would be tracked on the following parameters

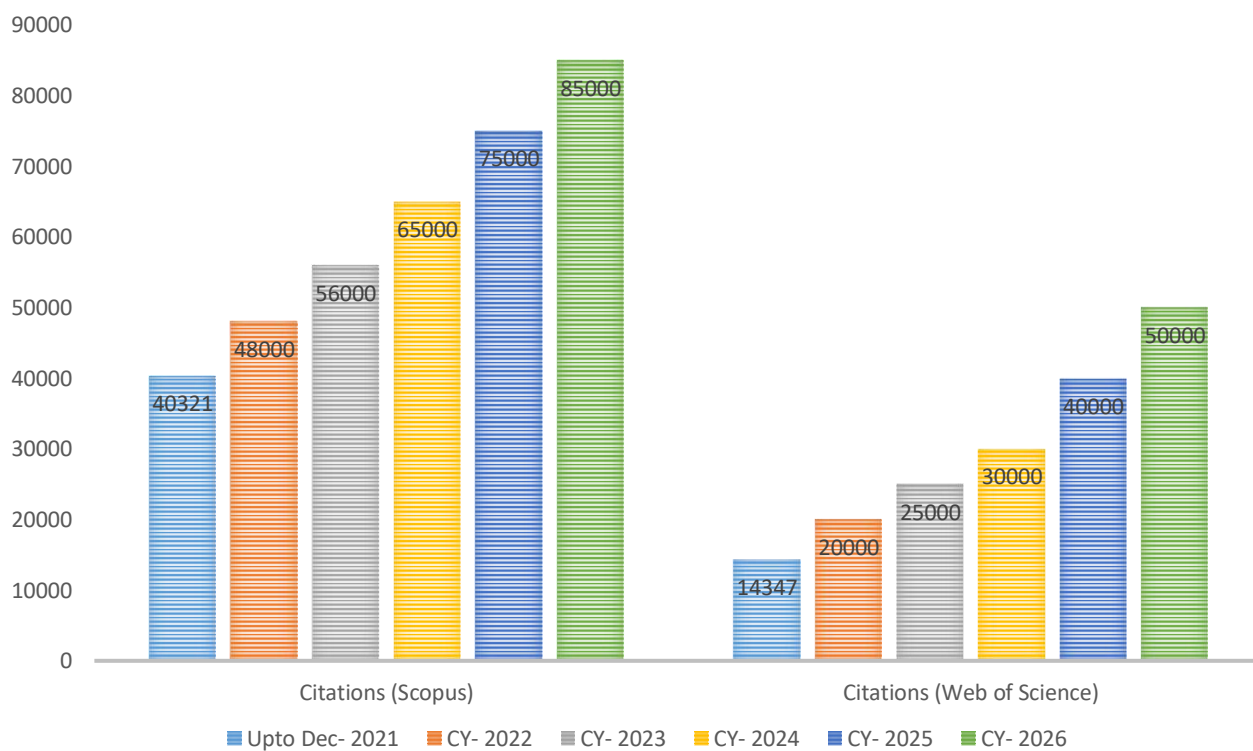
Sl.No.	Particulars	Upto Dec-2021	CY-2022	CY-2023	CY-2024	CY-2025	CY-2026
1	Publications (Scopus)	4606	6000	7500	9000	11000	13000
2	Publications (Web of Science)	1907	2500	3500	4500	5500	7000
3	Citations (Scopus)	40321	48000	56000	65000	75000	85000
4	Citations (Web of Science)	14347	20000	25000	30000	40000	50000
5	Total Number of Funded Projects	58	75	90	110	130	150
6	Funded Projects aims to vision of NEP and SDGs	5	10	15	20	30	40
7	Industry-Academia Collaborative Research	5	10	15	20	30	40
8	International Collaborative Research	4	6	8	12	16	20
9	Patents (Application / Grant)	141/14	175/20	200/ 25	225/30	250/35	275/40
10	Commercialization	1	5	10	20	35	50

PUBLICATIONS



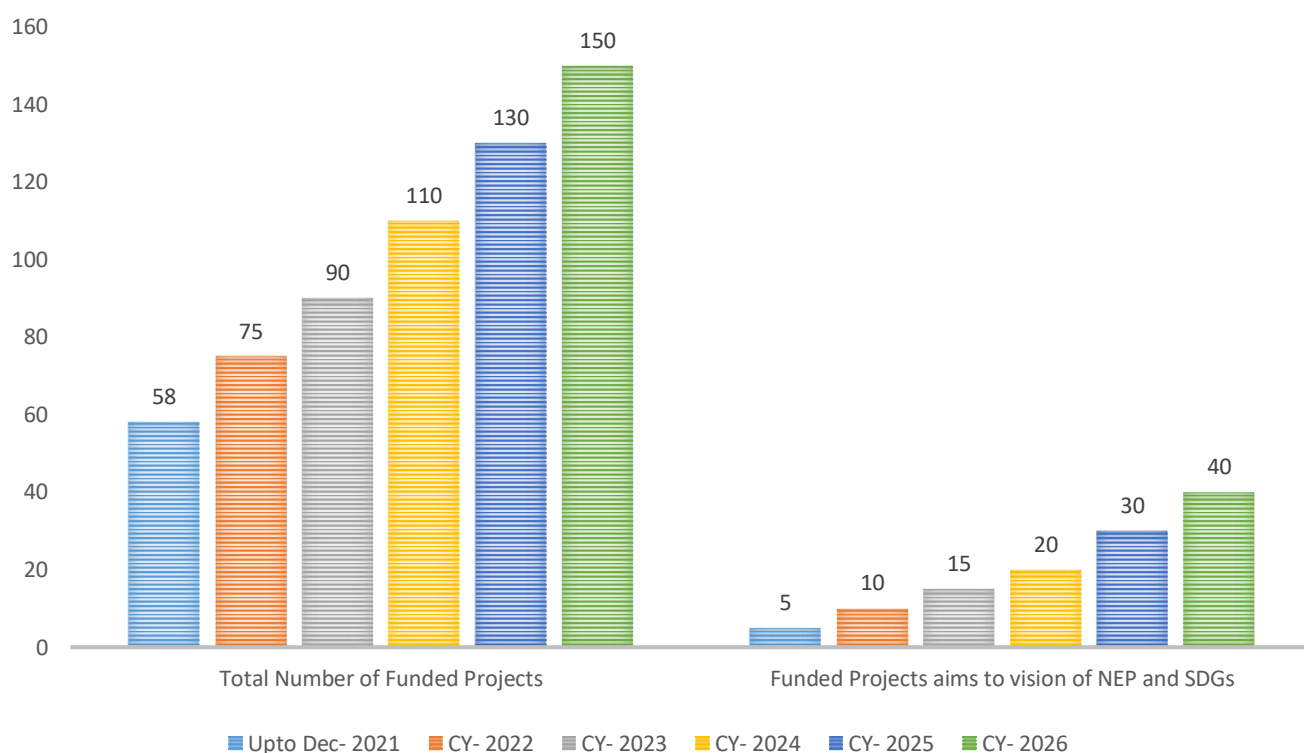
PUBLICATIONS

CITATIONS



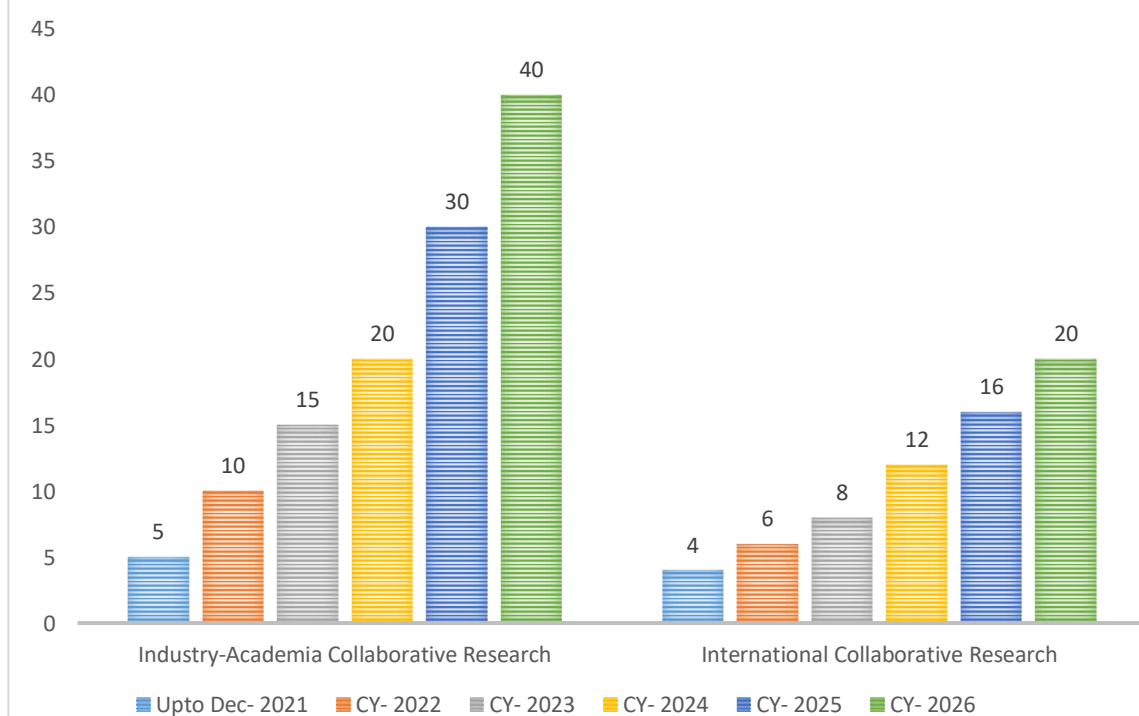
CITATIONS

FUNDED PROJECTS

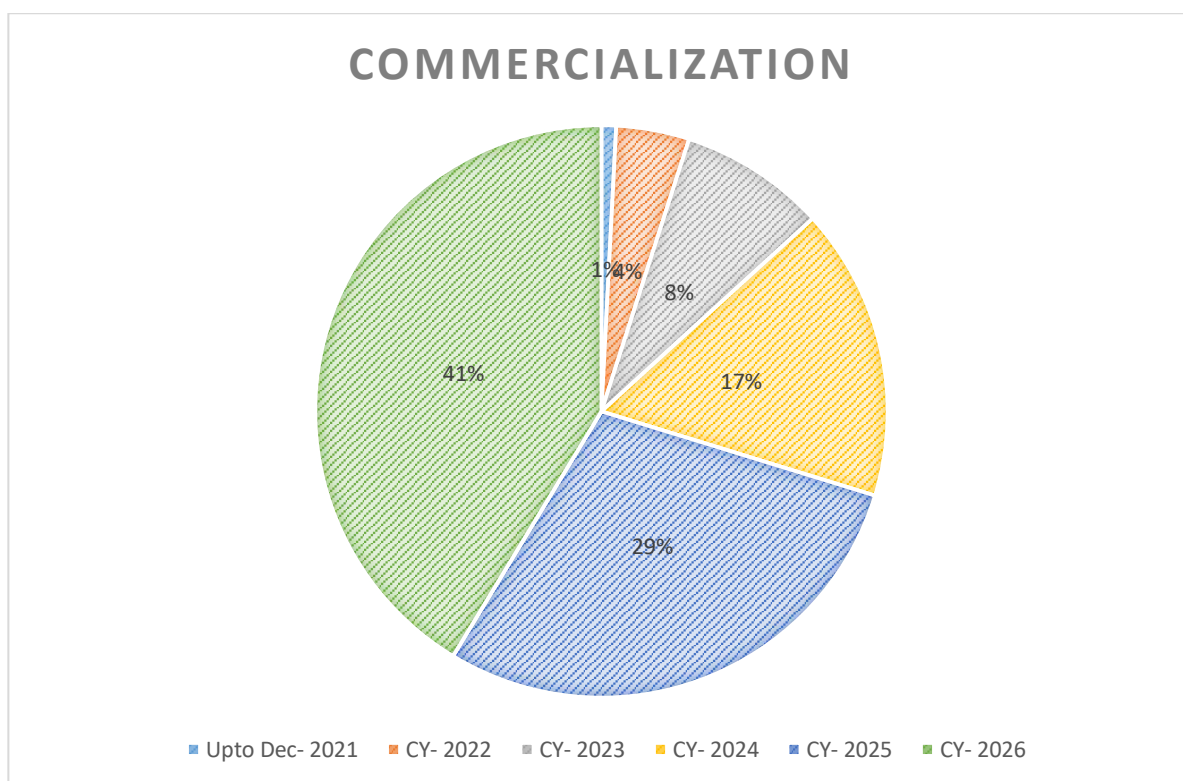


FUNDED PROJECTS

COLLABORATIVE RESEARCH



Collaborative Research



Commercialization

Innovations and Entrepreneurship

The Technology Incubator (TBI) sanctioned by DST was promoting innovations and ventures in the area of Waste Management (E-waste / Biowaste / Plastic waste), 3D Printing, Embedded systems / VLSI, Micro Air Vehicle (MAV) Automobiles and Information Technology. TBI fosters and supports technology-based knowledge-driven companies by providing around of help in terms of workspace, access to specialized equipment along with value-added services like find raising, legal services, business planning, and other technical assistance.

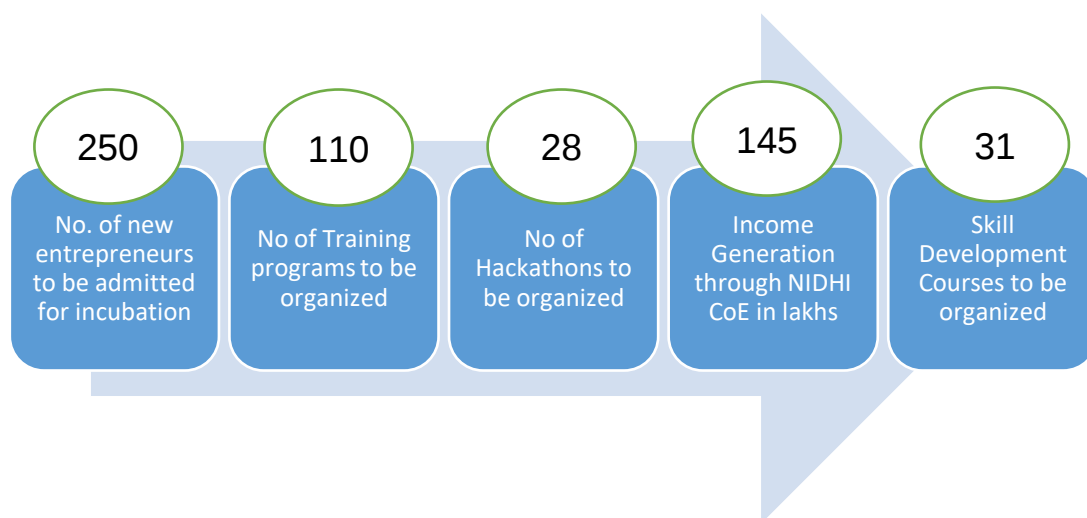
Vel Tech TBI (Technology Business Incubator) enables technology embedded and innovation powered start-ups to survive and scale across a wide-spectrum of thrust areas with funding, infrastructure, mentorship, industry networking, resources and training. Vel Tech TBI established with E-waste and Plastic waste management as its thrust area and created national recycling facility of e-waste and plastic-waste management, Bio incubator to support bio technology innovations, 3D Printing facility. It was one of the first institution from India to be a member of StEP (Solving the e-waste problem) instituted by Germany.

In the year 2015, Department of Science and Technology supported Rs. 2 Cr under DST – Seed Support System. Under this, Vel Tech TBI incubates get financial loan (Convertible debt) up to Rs. 50.00 Lakhs.

In the year 2017, Department of Science and Technology, Ministry of Science and Technology, Govt of India has recognized six existing Technology Business Incubators as Centre of excellence under NIDHI (National Initiative for Developing and Harnessing Innovations, Vel Tech TBI was recognized as one of the Centre of Excellence based on the performance and thrust area focused and received support of INR 23 Cr. In line with our National Mission “Make in India”, Vel Tech TBI has created the state of art facilities such as manufacturing facility with advanced CNC machines, NDT technology for product development & inspection, NVIDIA supported AI, ML, DL & digital services lab to support IT innovations.

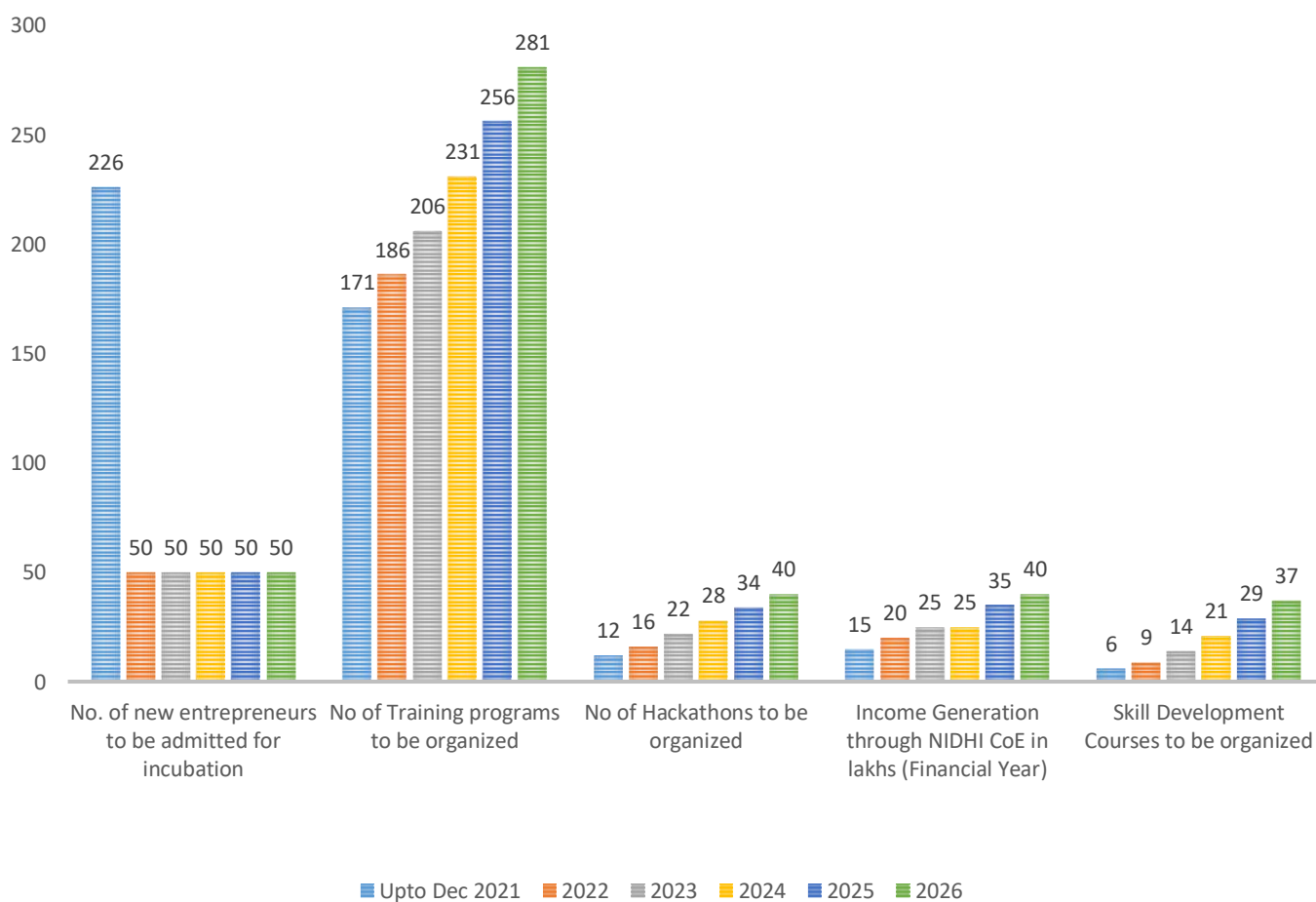
The Vel Tech TBI Ecosystem is rich in diversity with startups {Student & Alumni and external}, mentors, investors (Angel and VC’s), Trainers, thought leaders in various areas, people from industry bodies, corporate MD’s, CXO’s, People who assist in company formation (CS Professionals), Chartered Accountants, Industry professionals, various service providers, Lawyers, Technologists, Domain experts in various areas like Retail, E-commerce, Finance, Insurance, Product building and scaling, Manufacturing, Business Plan experts, Pitching to investors etc.

It is envisioned that the activities of TBI would have a profound influence on young engineering minds and transform them into employees with a positive influence on employment generation on a larger scale in the next 5 years of the strategic plan.



Outcome	Upto Dec 2021	2022	2023	2024	2025	2026
No. of new entrepreneurs to be admitted for incubation	226	50	50	50	50	50
No of Training programs to be organized	171	186	206	231	256	281
No of Hackathons to be organized	12	16	22	28	34	40
Income Generation through NIDHI CoE in lakhs (Financial Year)	15.00	20.00	25.00	25.00	35.00	40.00
Skill Development Courses to be organized	6	9	14	21	29	37

OUTCOME-INNOVATIONS AND ENTREPRENEURSHIP

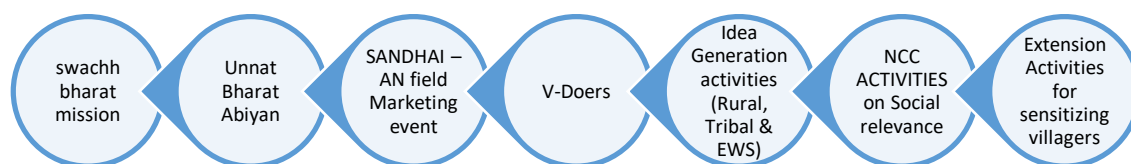


Outcome of Innovations and Entrepreneurship

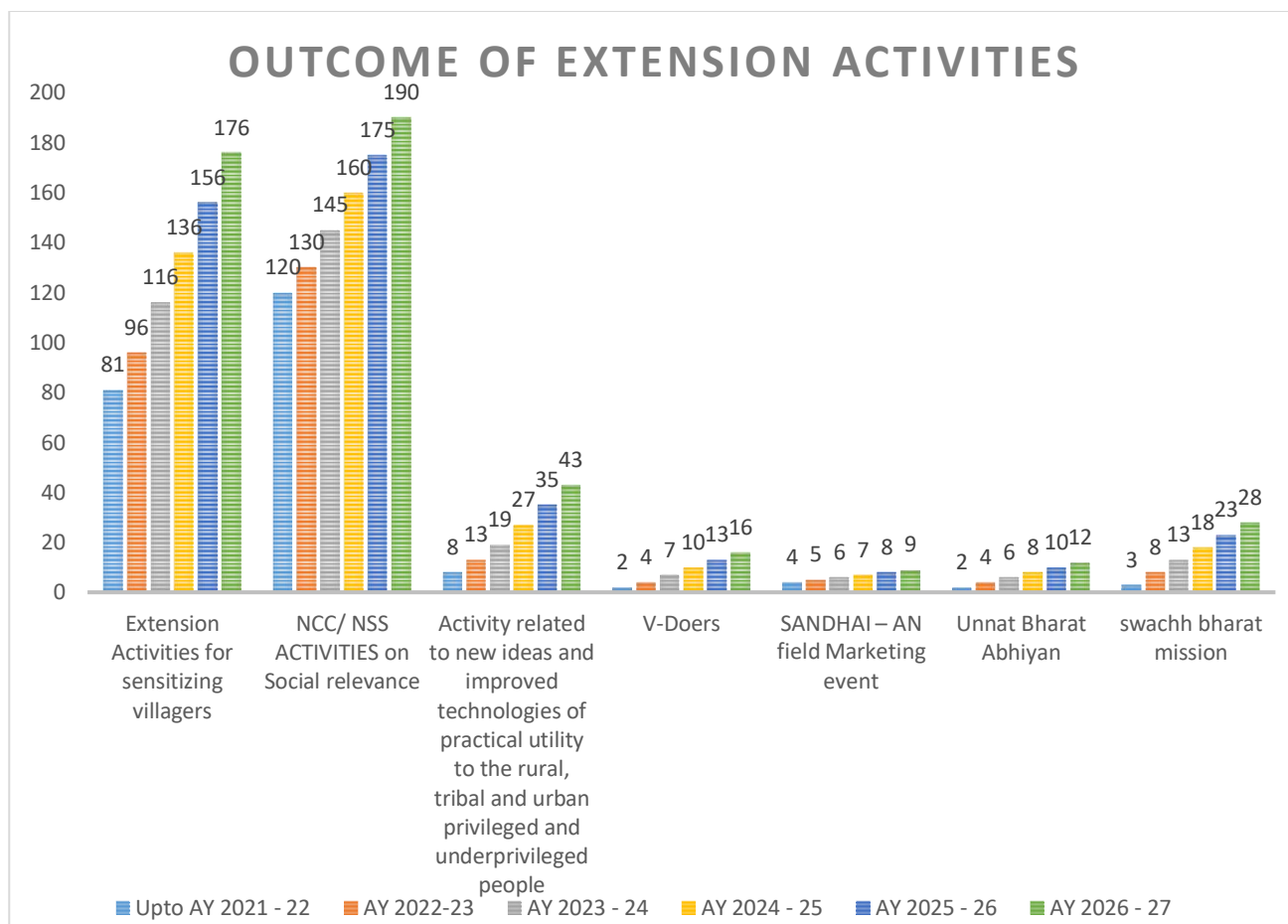
Extension Activities

Learning activities have a visible element for developing sensitivities towards community issues, gender disparities, social inequity etc. and in inculcating values and commitment to the society. Affiliation and interaction with groups or individuals who have an interest in the activities of the institution and the ability to influence the actions, decisions, policies, practices or goals of the organization lead to mutual benefit to both the parties. The processes and strategies inherent in such activities relevantly sensitize students to the social issues and contexts. Sustainable practices of the institution leading to superior performance results in successful outcomes in terms of generating knowledge useful for the learner as well as the community.

Extension also is the aspect of education which emphasizes community services. These are often integrated with curricula as extended opportunities, intended to help, serve, reflect and learn. The curriculum-extension interface has an educational value, especially in rural India.



Outcome	Upto AY 2021 - 22	AY 2022 - 23	AY 2023 - 24	AY 2024 - 25	AY 2025 - 26	AY 2026 - 27
Extension Activities for sensitizing villagers	81	96	116	136	156	176
NCC/ NSS ACTIVITIES on Social relevance	120	130	145	160	175	190
Activity related to new ideas and improved technologies of practical utility to the rural, tribal and urban privileged and underprivileged people	8	13	19	27	35	43
V-Doers	2	4	7	10	13	16
SANDHAI – AN field Marketing event	4	5	6	7	8	9
Unnat Bharat Abhiyan	2	4	6	8	10	12
swachh bharat mission	3	8	13	18	23	28



Outcome of Extension Activities

Human Resources and Infra Structure Development

The Institution is very keen on improving Human resources by recruiting highly qualified faculty at different levels such as Assistant Professors, Associate Professors, and Professors. At Present 45% of faculty in Vel Tech have Ph.D. qualified faculty and in the next five years, it will increase to 80%. The Institution would also focus on increasing the intake of faculty with Ph.D. and recruiting faculty at a senior level – Professors and Associate Professors from diverse and global background to ensure that the faculty blends in world-class curriculum and pedagogy. The institution also takes necessary steps on faculty development and retention strategy to harness its talent.

Keeping in mind, the significance of having a strong infrastructure that supports the innovative teaching and learning environment. formal and informal settings and to foster a new culture of learning, initiatives are taken to bring forth flipped classrooms, technology-enabled classrooms, etc. to attract students.

A state-of-the-art library/knowledge management system would focus on developing collaborative thinking spaces which would facilitate outside-the-box thinking and provide impetus to innovation.

Industry Partnerships & Placements

Vel Tech Industry relations a team of dedicated faculty members works towards bringing various activities/Partnerships from industry. Vel Tech has a strong Institution-Industry Cell. This office has established Interactions with more than 3119 Industries / Institutes / Organizations and has 178 MoU Signed (45 MoU's are Functional last five years) organizations for various Academic and Research Activities such as Joint Degree Programmes, In-Plant Trainings, Internships, Projects, R&D, Consultancy, Industry Recommended Electives, Curriculum Updates, Corporate Talk, Corporate Tour, Facility Creations, Value Added Courses etc. An inclusive practice of Vel Tech Industry Relations is the Industry-Institution Interaction, Partnership, and Collaboration.

One of the performance parameters that reflect the impact of this institution is providing all required training and coaching for securing employment in the leading companies. Vel Tech has been doing it excellently by having contact with the reputed IT /ITES companies including Audi, Bosch, Caterpillar, HP, MRF, HCL, Rane, Siemens, SAP, TAFE, Titans, TCS, Quest, and many others.

It is hoped that the Institution which is present, offering 80% of employability to the students will be able to provide 150% of employability in the next 5 years under the strategic plan. Some of the key targets of achievements intended in the 5-year Strategic plan are summarized hereunder:

Target -3: Enhancement of faculty performance and visibility

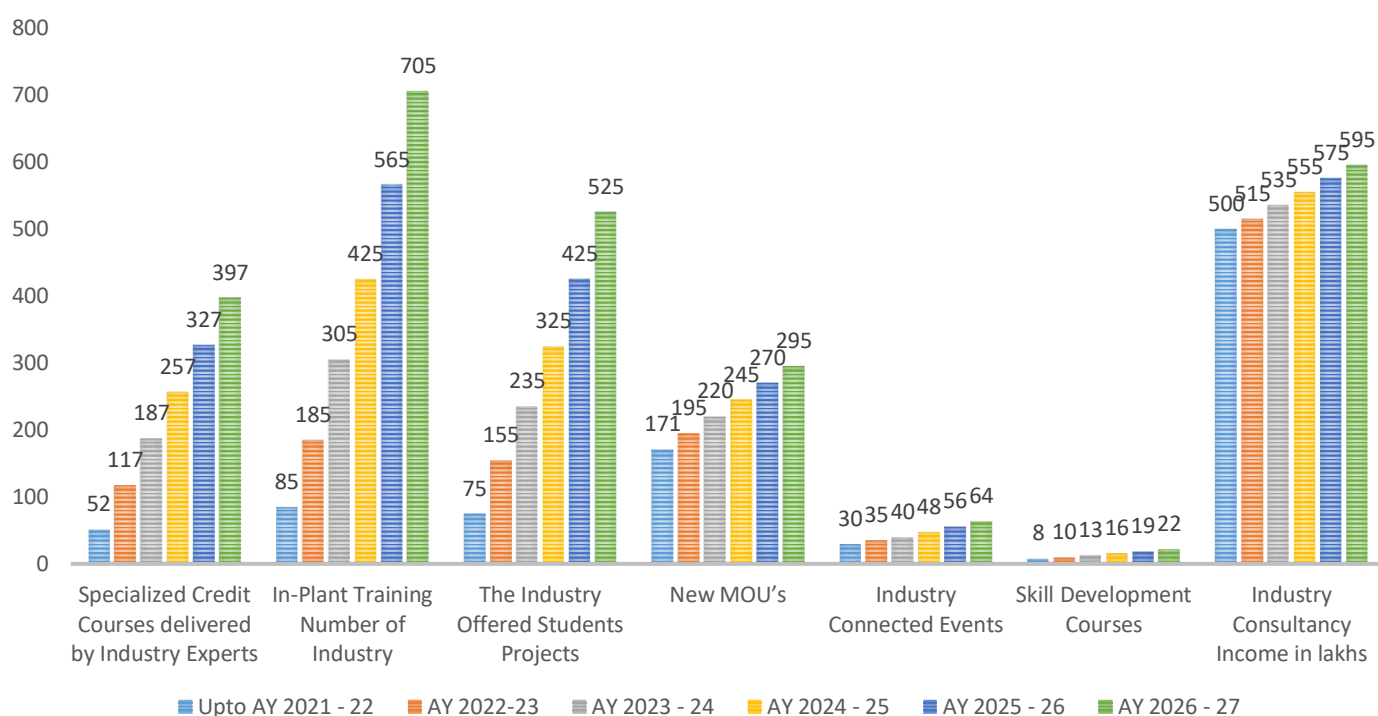
1. Improving the qualification of existing faculty members by deputing them for Postdoctoral Fellowships / Doctoral programs
2. Recruiting highly qualified faculty members through Faculty Selection Committee Interview process
3. Imparting training to faculty members through participation in industrial training, STTPs, FDPs, workshops, seminars, refresher courses, etc.
4. Encouraging faculty to participate in various academic and professional activities (outside Vel Tech) for better visibility and recognition.
5. Deployment of 170 International visiting faculty members
6. Maintenance of 1:10 Faculty-Student (FSR) Ratio

Contribution of Vel Tech Industry Relations

- Makes available the updated database and profile of the companies (Large industries / MNCs /SMEs) and helps each student analyze and choose the company of his specialization/interest for In-Plant Training / Student Projects.
- Facilitates in curriculum improvement by way of periodical feedback and involving industry experts from the industries.
- Organize events such as Hackathon / VISAI / International Conference etc. to inculcate a culture of product innovation and a mindset of problem solving.
- Work towards continuous improvement of faculty members by way of Faculty Training / Research and Consultancy / Training of employees in Industries.
- Setting up Centre of excellence Facilities in collaboration with Government & Industries to promote Research Activities / Incubation Startups / Skill Development Programme (ASDC) etc.

Outcome	Upto AY 2021 - 22	AY 2022 - 23	AY 2023 - 24	AY 2024 - 25	AY 2025 - 26	AY 2026 - 27
Specialized Credit Courses delivered by Industry Experts	52	117	187	257	327	397
In-Plant Training Number of Industry	85	185	305	425	565	705
The Industry Offered Students Projects	75	155	235	325	425	525
New MOU's	171	195	220	245	270	295
Industry Connected Events	30	35	40	48	56	64
Skill Development Courses	8	10	13	16	19	22
Industry Consultancy Income in lakhs	500	515	535	555	575	595

OUTCOME OF INDUSTRY PARTNERSHIPS & PLACEMENTS

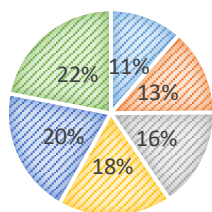


Outcome OF Industry Partnerships & Placements

Placement & Training Table:

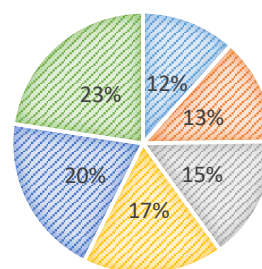
Sl.No.	Particulars	Upto AY 2021 - 22	AY 2022 - 23	AY 2023 - 24	AY 2024 - 25	AY 2025 - 26	AY 2026 - 27
1	No. of Training Activities to be Organized	27	32	37	42	47	52
2	No of Companies visiting Placement	221	250	290	330	380	430
3	Percentage of Placement Offers	138	143	148	153	158	163

NO. OF TRAINING ACTIVITIES TO BE ORGANIZED

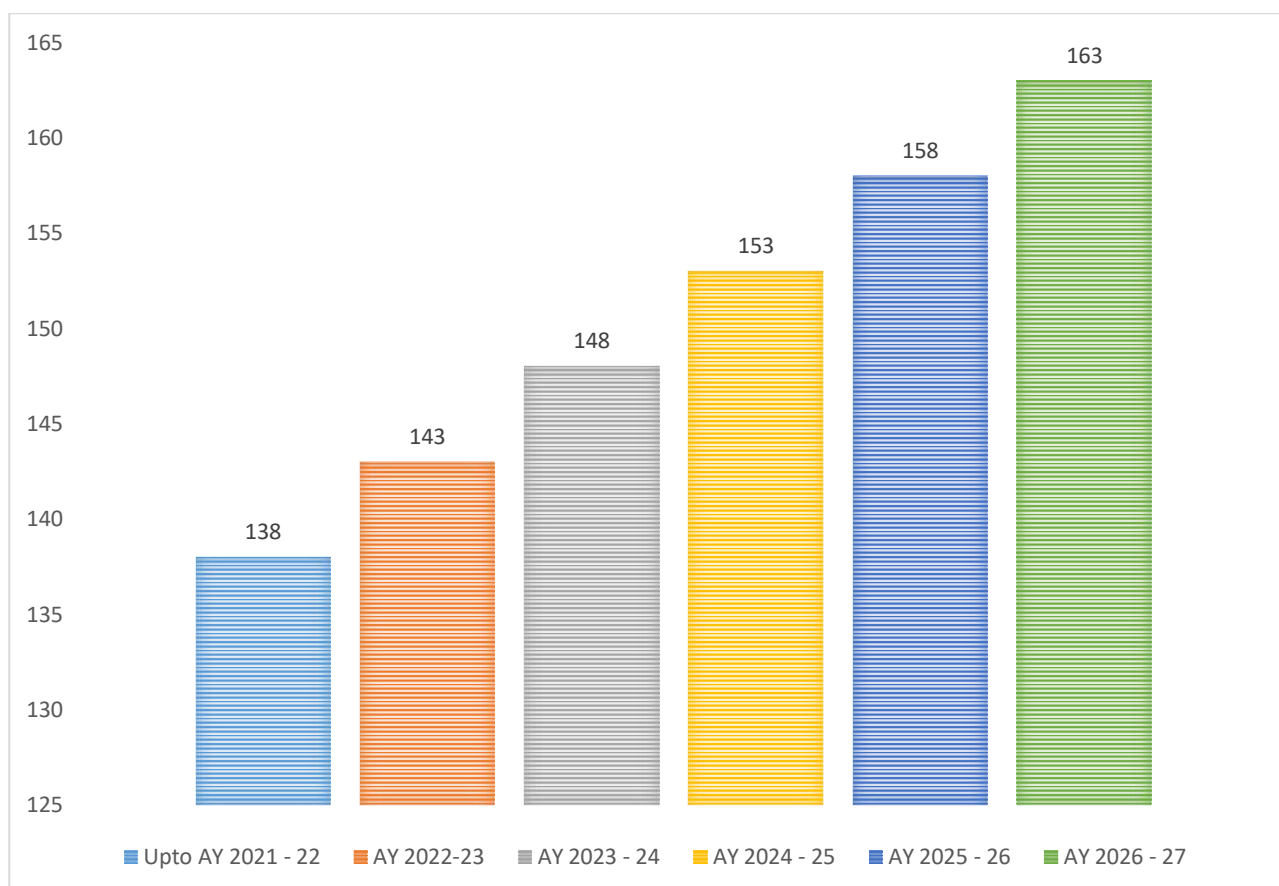


■ Upto AY 2021 - 22
 ■ AY 2022-23
 ■ AY 2023 - 24
■ AY 2024 - 25
 ■ AY 2025 - 26
 ■ AY 2026 - 27

NO OF COMPANIES VISITING PLACEMENT



■ Upto AY 2021 - 22
 ■ AY 2022-23
 ■ AY 2023 - 24
■ AY 2024 - 25
 ■ AY 2025 - 26
 ■ AY 2026 - 27



Internationalization

Vel Tech has given immense importance to the development of international partners from several countries such as Germany, Taiwan, USA, Canada, Singapore etc. in the process of strengthening the activities under the following perspectives:

- Student interdisciplinary instructional laboratories
- Joint Research projects like IC IMPACT, Indo Taiwan program
- Semester abroad programs
- International collaboration through broad-based MoUs
- Setting up joint laboratories like Vel Tech Francecol laboratory
- Enabling transformative teaching-learning methodologies like CDIO
- International competitions
- Faculty Exchange
- Student Exchange

Globalization and digitisation bring international knowledge and education to our doorstep. With the proverbial press of a button, our students have access to lectures from all corners of the globe. The international mobility of students and staff has grown immensely in recent decades. Students from all over the world study in Utrecht and international staff are part of

our university community. Their knowledge and cultural backgrounds enrich our education and research and their different perspectives add value to the academic debate.

By systematically organizing these activities in a well-planned manner, it is hoped that in the next 5 years, Vel Tech would have more than 170 faculty members from international institutions apart from 5% of the international student strength.

The targets of the Institution under the Strategic Plan 2021-26 are summed up as detailed below:

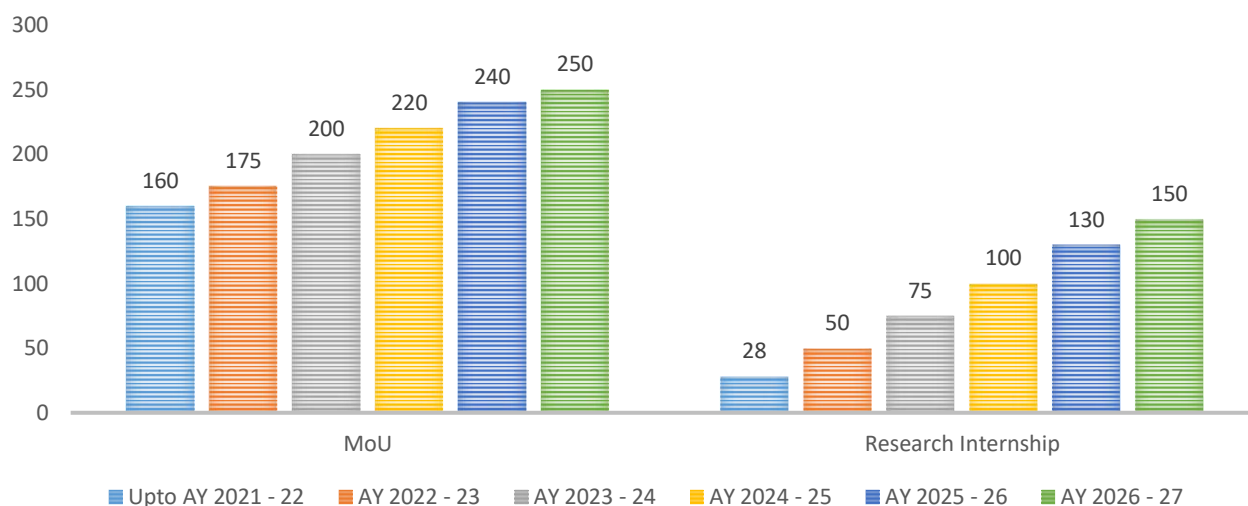
Target -4: Expansion of international relations

1. Frequent conduct of study abroad programs, internships at Universities / organizations internationally.
2. Attracting more international students
3. To facilitate interface /internships /projects and inviting foreign faculty/experts for long/short term assignments
4. Enhancing Institute collaborations with international institutions
5. Preparing for international level accreditation and ranking
6. Faculty exchange and student exchange
7. Masters Progression, Summer program
8. Joint research publication with international experts

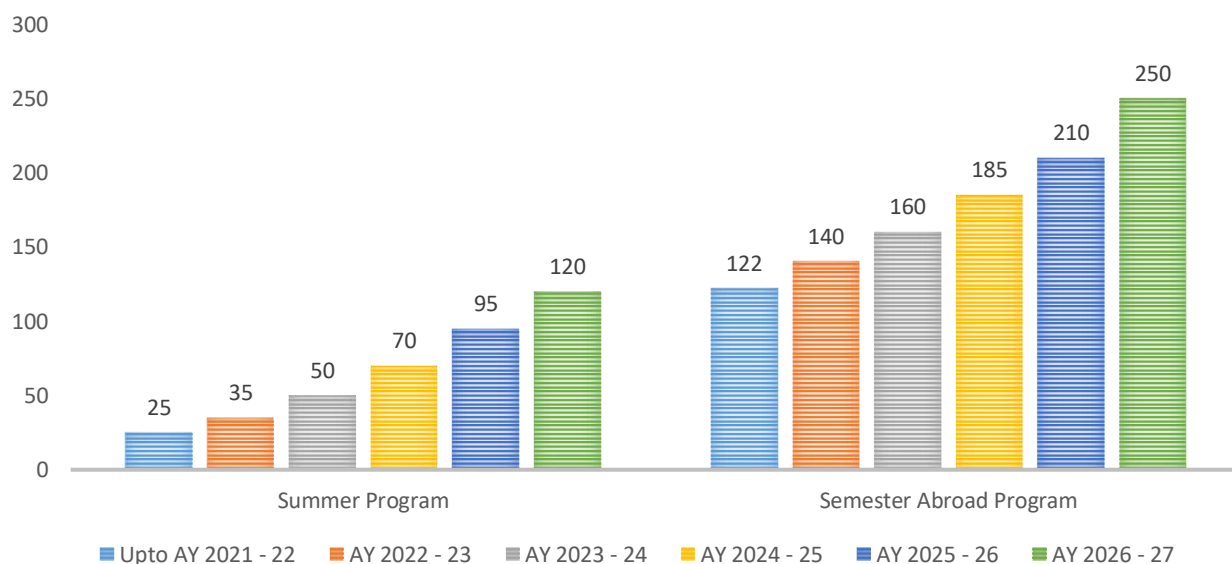
Progress in International relations would be tracked on the following parameters.

Sl.No.	Particulars	Upto AY 2021 - 22	AY 2022 - 23	AY 2023 - 24	AY 2024 - 25	AY 2025 - 26	AY 2026 - 27
1.	MoU	160	175	200	220	240	250
2.	Research Internship	28	50	75	100	130	150
3.	Summer Program	25	35	50	70	95	120
4.	Semester Abroad Program	122	140	160	185	210	250
5.	Visiting Professor	132	152	182	225	275	350
6.	Masters Progression	422	522	670	800	950	1200
7.	3 + 2 Program	-	10	15	20	25	25
8.	2 + 2 Program		-	5	10	15	20
9.	1+1 Program		-	-	5	10	10
10.	Faculty Outgoing	2	5	8	10	15	20
11.	International academic Program	-	-	-	1	2	5
12.	Incoming International student	88	100	115	130	150	175
13.	Abroad Project	122	150	180	225	275	350

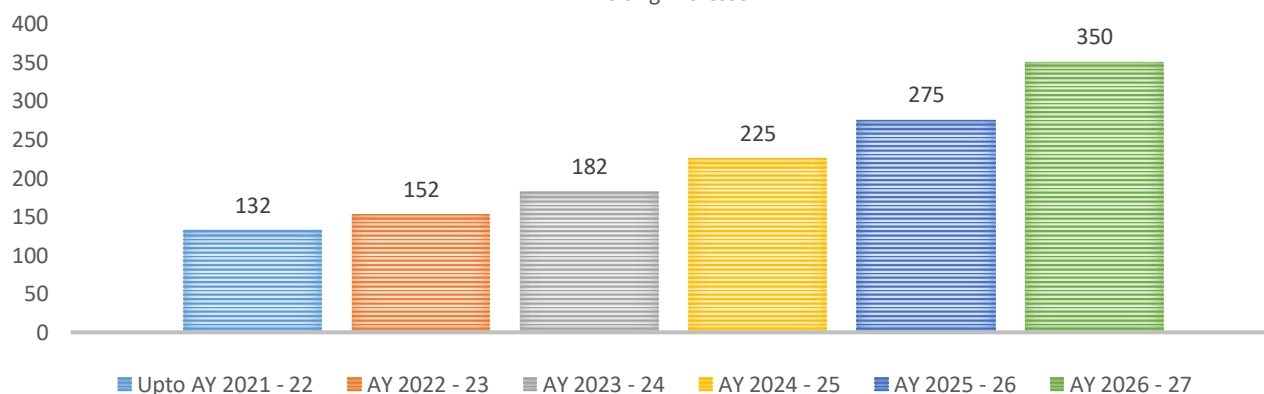
MOU & RESEARCH INTERNSHIP



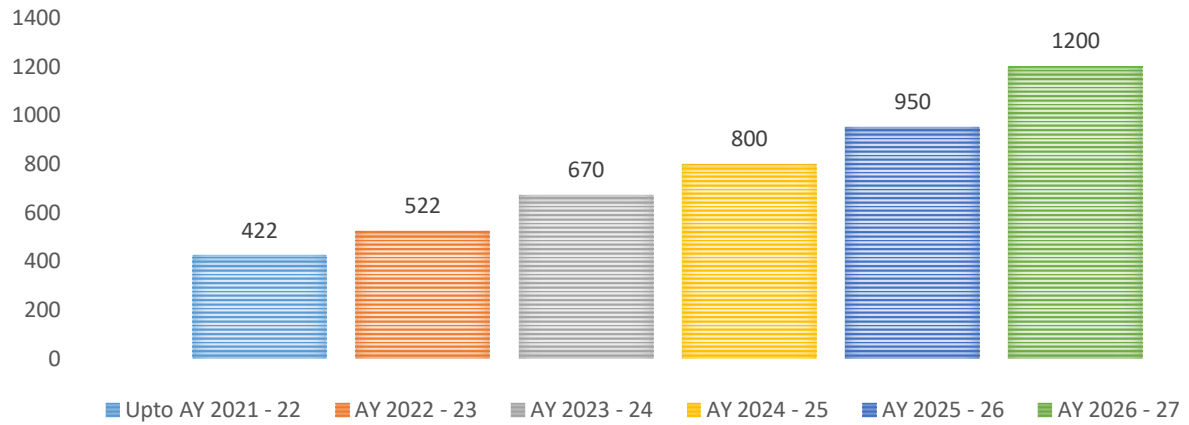
SUMMER & SEMESTER ABROAD PROGRAM



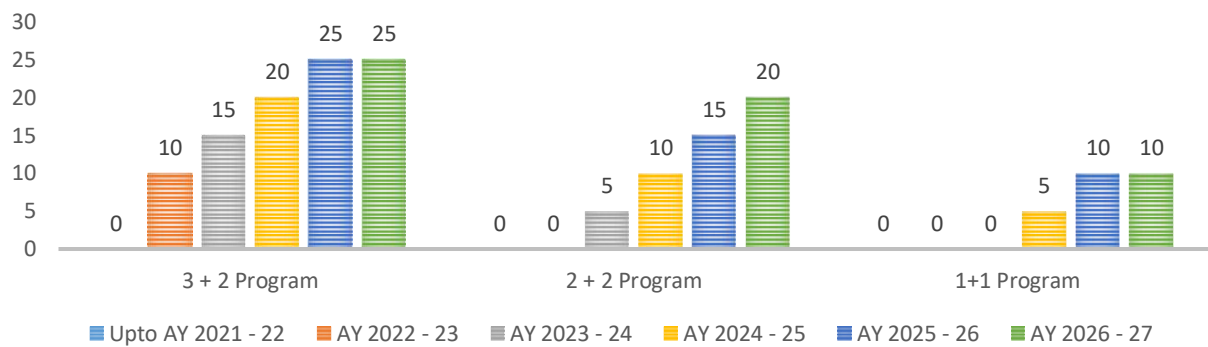
Visiting Professor



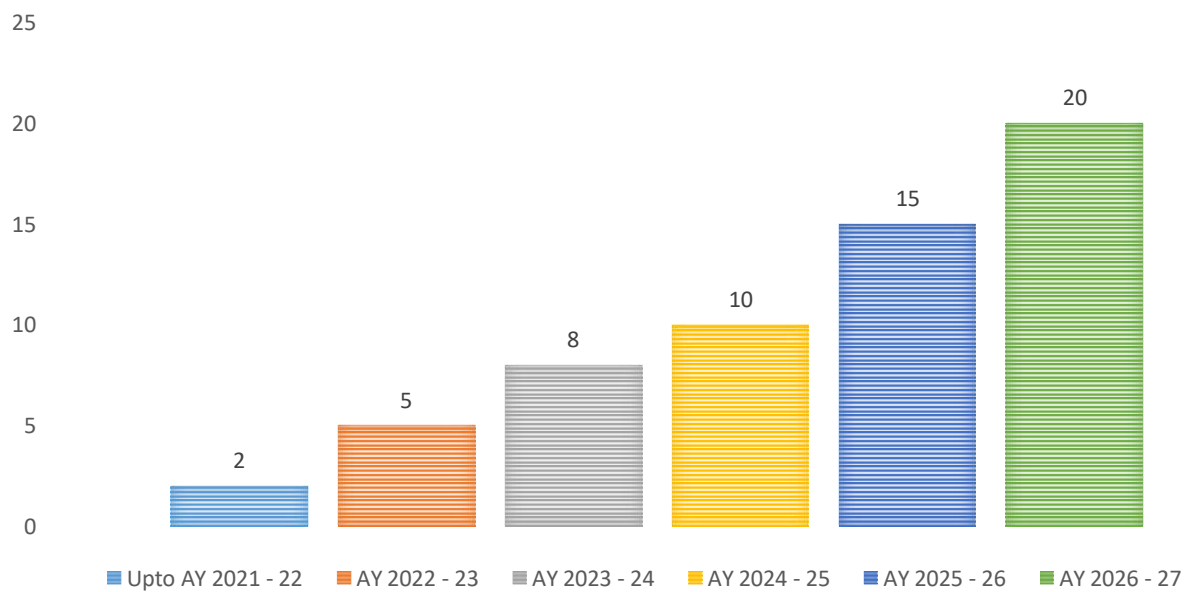
MASTERS PROGRESSION



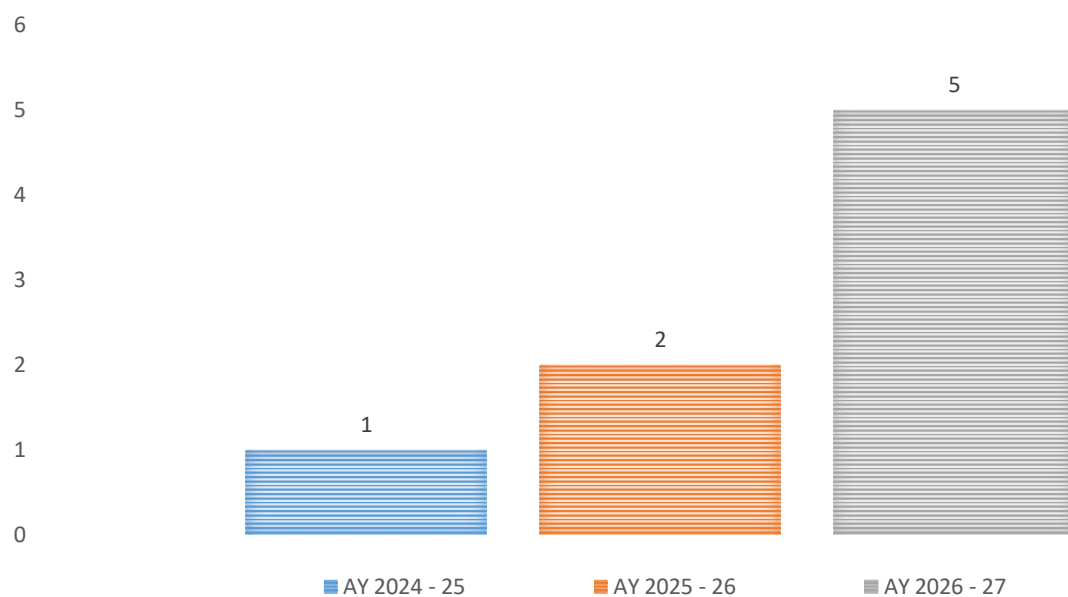
3+2, 2+2, 1+1 PROGRAM



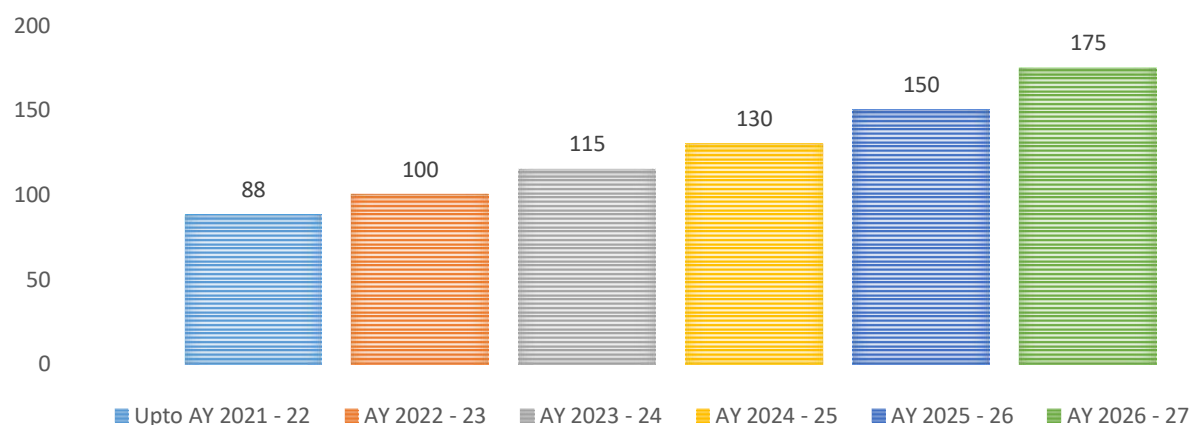
FACULTY OUTGOING



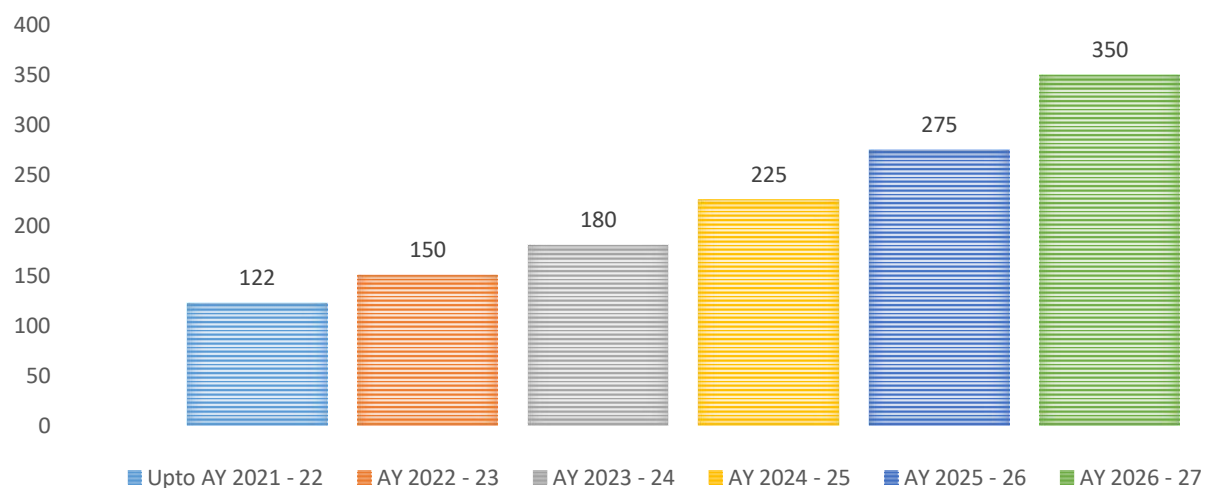
INTERNATIONAL ACADEMIC PROGRAM



INCOMING INTERNATIONAL STUDENT



ABROAD PROJECT



Rankings and Recognitions

To Achieving excellence holistically by 2026 we are marching together to realize our dreams.

- NBA – Tier I Accreditation for all eligible UG Engineering programs by 2024
- NBA – Tier I Accreditation for the emerging PG Engineering programs by 2025
- ABET Accreditation for core Engineering programs by 2025
- NIRF – All India top 75 in Engineering category and top 100 in Overall & University category by 2025
- Top position in Times Higher Education (THE) World University Ranking, Young University Rankings and Asia University Rankings
- Top position in Quacquarelli Symonds (QS) World University Rankings and Asia University Rankings
- QS Stars University Rating by 2024



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19-05-2022

Date:

The Academic Calendar for the Academic Year 2022-23

ACADEMIC CALENDAR		
AY 2022-23		
B.Tech. – II YEAR	SUMMER SEMESTER	WINTER SEMESTER (Tentatively)
Commencement of Student Semester Registration	28-Jun-22	15-Dec-22
Commencement of Course Registration	18-Jul-22	26-Dec-22
Commencement of Class Work	25-Jul-22	02-Jan-23
Last Date for Semester Registration	01-Aug-22	09-Jan-23
Last Date for Semester Registration with late fee / Course Registration	08-Aug-22	19-Jan-23
Test - 1 (Theory Courses)	22-Aug-22	31-Jan-23
Mid Term Test - 1 (Integrated Courses)	19-Sep-22	25-Feb-23
Test - 2 (Theory Courses)	17-Oct-22	24-Mar-23
Model-Practical Exam	02-Nov-22	11-Apr-23
Test-3 (Theory Courses) / Mid Term Test - 2 (Integrated Courses)	07-Nov-22	17-Apr-23
Last Instructional Day	12-Nov-22	25-Apr-23
EXAMINATIONS		
Semester End Exam Timetable notification	31-Oct-22	04-Apr-23
Commencement of Semester End Practical/Viva-voce Examination	14-Nov-22	27-Apr-23
Commencement of Semester End Theory Examination	24-Nov-22	10-May-23
Declaration of Semester End Examination Results	One week from the date of Last Examination	One week from the date of Last Examination
HOLIDAYS		
LIST OF PUBLIC HOLIDAYS	AS PER TAMIL NADU STATE GOVERNMENT PUBLIC HOLIDAYS	
DUSSEHRA HOLIDAYS	01-Oct-22 to 05-Oct-22	
INPLANT TRAINING	18 – Jul-22 to 25 – Jul-22	15-Dec-22 to 31-Dec-22
Commencement of the Next Academic Year (2023-24) is 26-JUNE-2023 (Tentatively)		

*First and Third Saturday – Non Instructional day



Dr. M. J. Carmel Mary Belinda
20/05/22
Dr. M. J. Carmel Mary Belinda
Dean - Academics
In-charge

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S. Salivahan
Prof. S. Salivahan
Vice Chancellor

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400 Feet Outer Ring Road, Avadi,
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19-05-2022
Date:

The Academic Calendar for the Academic Year 2022-23

ACADEMIC CALENDAR		
AY 2022-23		
B.Tech. – III and IV YEAR	SUMMER SEMESTER	WINTER SEMESTER (Tentatively)
Commencement of Student Semester Registration	28-Jun-22	15-Dec-22
Commencement of Course Registration	18-Jul-22	26-Dec-22
Commencement of Class Work	25-Jul-22	02-Jan-23
Last Date for Semester Registration	01-Aug-22	09-Jan-23
Last Date for Semester Registration with late fee / Course Registration	08-Aug-22	19-Jan-23
Unit Test-1 / Project Review-1	• 22-Aug-22	31-Jan-23
Mid Term Test-1	19-Sep-22	25-Feb-23
Unit Test – 2 / Project Review – 2	17-Oct-22	24-Mar-23
Model Practical Exam	02-Nov-22	11-Apr-23
Mid Term Test – 2	07-Nov-22	17-Apr-23
Last Instructional Day	12-Nov-22	25-Apr-23
EXAMINATIONS		
Semester End Exam Timetable notification	31-Oct-22	04-Apr-23
Commencement of Semester End Practical/Viva-voce Examination	14-Nov-22	27-Apr-23
Commencement of Semester End Theory Examination	24-Nov-22	10-May-23
Declaration of Semester End Examination Results	One week from the date of Last Examination	One week from the date of Last Examination
HOLIDAYS		
LIST OF PUBLIC HOLIDAYS	AS PER TAMIL NADU STATE GOVERNMENT PUBLIC HOLIDAYS	
DUSSEHRA HOLIDAYS	01-Oct-22 to 05-Oct-22	
INPLANT TRAINING	18 – Jul-22 to 25 – Jul-22	15-Dec-22 to 31-Dec-22
Commencement of the Next Academic Year (2023-24) is 26-JUNE-2023 (Tentatively)		

*First and Third Saturday – Non Instructional day



C.M. Balinda
20/5/22

Dr. M. J. Carmel Mary Balinda
Dean - Academics
in-charge

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R&D Institute of Science and Technology

S. Saliva
Prof. S. Salivahanan
Vice-Chancellor

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Date: 05-2022

The Academic Calendar for the Academic Year 2022-23

ACADEMIC CALENDAR		
AY 2022-2023		
B.Com\B.B.A – II YEAR	SUMMER SEMESTER	WINTER SEMESTER (Tentatively)
Commencement of Student Semester Registration	23-Jun-22	12-Dec-22
Commencement of Course Registration	27-Jun-22	19-Dec-22
Commencement of Class Work	04-Jul-22	26-Dec-22
Last date for Semester Registration	11-Jul-22	02-Jan-23
Last date for Semester Registration with Late fee / Course Registration	18-Jul-22	09-Jan-23
Test - 1	* 08-Aug-22	02-Feb-23
Test - 2	26-Sep-22	09-Mar-23
Model Practical Examination	27-Oct-22	11-Apr-23
Test - 3	01-Nov-22	18-Apr-23
Last Instructional Day	08-Nov-22	03-May-23
EXAMINATIONS		
Semester End Exam Time Table Notification	10-Oct-22	03-Apr-23
Commencement of Semester End Practical/Project Examination	09-Nov-22	04-May-23
Commencement of Semester End Theory Examination	24-Nov-22	22-May-23
Declaration of Semester End Examination Results	Within one week from the date of last examination	Within one week from the date of last examination
HOLIDAYS		
List of Public Holidays	As per Tamil Nadu State Government Public Holidays	
DUSSEHRA Holidays	01-Oct-22 to 05-Oct-22	
In-Plant Training	NIL	12-Dec-22 to 24-Dec-22
Commencement of the Next Academic Year (2023-24) is 26-JUNE-23 (Tentatively)		

* All Saturday – Non Instructional day



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

Date: 18-05-2022

The Academic Calendar for the Academic Year 2022-23

ACADEMIC CALENDAR		
2022-2023		
B.Com\B.B.A – III YEAR	SUMMER SEMESTER	WINTER SEMESTER (Tentatively)
Commencement of Student Semester Registration	25-May-22	21-Nov-22
Commencement of Course Registration	01-Jun-22	28-Nov-22
Commencement of Class Work	08-Jun-22	05-Dec-22
Last date for Semester Registration	15-Jun-22	12-Dec-22
Last date for Semester Registration with Late fee / Course Registration	22-Jun-22	19-Dec-22
Cycle Test I	20-Jul-22	19-Jan-23
Cycle Test II	06-Sep-22	01-Mar-23
Model-Practical Exam	26-Sep-22	23-Mar-23
Model Examination	06-Oct-22	30-Mar-23
Last Instructional Day	12-Oct-22	10-Apr-23
EXAMINATIONS		
Commencement of Semester End Exam Time Table Notification	03-Sep-22	13-Mar-23
Commencement of Semester End Practical/Project Viva voce Examination	14-Oct-22	12-Apr-23
Commencement of Semester End Theory Examination	28-Oct-22	26-Apr-23
Declaration of Semester End Examination Results	Within one week from the date of last examination	Within one week from the date of last examination
HOLIDAYS		
List of Public Holidays	As per Tamil Nadu State Government Public Holidays	
DUSSEHRA Holidays	01-Oct-22 to 05-Oct-22	
In-Plant Training	25-May-22 to 07-Jun-22	21-Nov-22 to 04-Dec-22

* All Saturday – Non Instructional day

S. Salim

Prof. S. Salivahanan
Vice Chancellor

No.42, Avadi-Vel Tech Road, Vel Nagar,
Avadi, Chennai - 600 062, Tamil Nadu, India.
Landline : +91 44 2684 0262 / 2684 0605
Toll Free : 1800 212 7669
Email : registrar@veltech.edu.in
Website : www.veltech.edu.in



Dr. H. J. Carmel Mary Belinda
Dean - Academics
In-charge
18/5/22

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Date:
19-05-2022

The Academic Calendar for the Academic Year 2022-23

ACADEMIC CALENDAR		
AY 2022-2023		
B.Sc. – II YEAR	SUMMER SEMESTER	WINTER SEMESTER (Tentatively)
Commencement of Student Semester Registration	23-Jun-22	12-Dec-22
Commencement of Course Registration	27-Jun-22	19-Dec-22
Commencement of Class Work	04-Jul-22	26-Dec-22
Last date for Semester Registration	11-Jul-22	02-Jan-23
Last date for Semester Registration with Late fee / Course Registration	* 18-Jul-22	09-Jan-23
Test - 1	08-Aug-22	02-Feb-23
Test - 2	26-Sep-22	09-Mar-23
Model Practical Examination	27-Oct-22	11-Apr-23
Test - 3	01-Nov-22	18-Apr-23
Last Instructional Day	08-Nov-22	03-May-23
EXAMINATIONS		
Semester End Exam Time Table Notification	10-Oct-22	03-Apr-23
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HOLIDAYS		
List of Public Holidays	As per Tamil Nadu State Government Public Holidays	
DUSSEHRA Holidays	01-Oct-22 to 05-Oct-22	
In-Plant Training	NIL	12-Dec-22 to 24-Dec-22
Commencement of the Next Academic Year (2023-24) is 26-JUNE-23 (Tentatively)		

* All Saturday – Non Instructional day



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Date: 18-05-2022

The Academic Calendar for the Academic Year 2022-23

ACADEMIC CALENDAR		
AY 2022-2023		
B.Sc. – III YEAR	SUMMER SEMESTER	WINTER SEMESTER
Commencement of Student Semester Registration	25-May-22	21-Nov-22
Commencement of Course Registration	01-Jun-22	28-Nov-22
Commencement of Class Work	08-Jun-22	05-Dec-22
Last date for Semester Registration	15-Jun-22	12-Dec-22
Last date for Semester Registration with Late fee / Course Registration	22-Jun-22	19-Dec-22
Unit Test I	06-Jul-22	02-Jan-23
Mid Term Test I	03-Aug-22	03-Feb-23
Unit Test II	06-Sep-22	02-Mar-23
Model-Practical Exam	26-Sep-22	23-Mar-23
Mid Term Test II	06-Oct-22	30-Mar-23
Last Instructional Day	12-Oct-22	10-Apr-23
EXAMINATIONS		
Semester End Exam Time Table Notification	03-Sep-22	13-Mar-23
Commencement of Semester End Practical/ Project Viva-voce Examination	14-Oct-22	12-Apr-23
Commencement of Semester End Theory Examination	28-Oct-22	26-Apr-23
Declaration of Semester End Examination Results	Within one week from the date of last examination	Within one week from the date of last examination
HOLIDAYS		
List of Public Holidays	As per Tamil Nadu State Government Public Holidays	
DUSSEHRA Holidays	01-Oct-22 to 05-Oct-22	
In-Plant Training	25-May-22 to 07-Jun-22	21-Nov-22 to 04-Dec-22

* All Saturday – Non Instructional day

Dr. M. C. Carmel Mary Belkale
Dean - Academics

S. P. Subramanian
Vice Chancellor

Dr. E. Suresh Paul
Dean School of Media Technology
and Communication

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Date:

19-05-2022

The following is the Academic Calendar for the Academic Year 2022-23

ACADEMIC CALENDAR		
AY 2022-2023		
B.A., LL.B./ B.Com., LL.B. – Higher Semesters	SUMMER SEMESTER	WINTER SEMESTER (Tentatively)
Commencement of Student Semester Registration	23-Jun-22	28-Nov-22
Commencement of Course Registration	27-Jun-22	05-Dec-22
Commencement of Class Work	04-Jul-22	12-Dec-22
Last Date for Semester Registration	11-Jul-22	19-Dec-22
Last Date for Semester Registration with Late Fee	18-Jul-22	26-Dec-22
Unit-Test	22-Aug-22	30-Jan-23
Mid-Test	26-Sep-22	13-Mar-23
Project Work Presentations Starting date	10-Oct-22	29-Mar-23
Last Instructional Day	26-Oct-22	18-Apr-23
EXAMINATIONS		
Semester End Exam Time Table Notification	10-Oct-22	20-Mar-23
Commencement of Semester End Theory Examination	11-Nov-22	03-May-23
Declaration of Semester End Examination Results	Within one week from the date of last examination	Within one week from the date of last examination
HOLIDAYS		
List of Public Holidays	As per Tamil Nadu State Government Public Holidays	
DUSSEHRA Holidays	01-Oct-22 to 05-Oct-22	
Commencement of the Next Academic Year (2023-24) is 05-JUN-2023 (Tentatively)		

First and Third Saturday – Non Instructional day



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Date:

18-05-2022

The Academic Calendar for the Academic Year 2022-23

ACADEMIC CALENDAR		
AY 2022-2023		
M.Tech.\M.A.\M.Sc. - Higher Semesters	SUMMER SEMESTER	WINTER SEMESTER
Commencement of Student Semester Registration	18-Jul-22	26-Dec-22
Commencement of Course Registration	25-Jul-22	02-Jan-22
Commencement of Class Work	01-Aug-22	09-Jan-23
Last Date for Semester Registration	08-Aug-22	19-Jan-23
Last Date for Semester Registration with late fee / Course Registration	* 16-Aug-22	24-Jan-23
Unit Test-1 / Project Review-1	29-Aug-22	07-Feb-23
Mid Term Test-1	26-Sep-22	06-Mar-23
Unit Test – 2 / Project Review – 2	26-Oct-22	31-Mar-23
Model Practical Exam	14-Nov-22	18-Apr-23
Mid Term Test – 2	18-Nov-22	28-Apr-23
Last Instructional Day	25-Nov-22	05-May-23
EXAMINATIONS		
Semester End Exam Timetable notification	31-Oct-22	10-Apr-23
Commencement of Semester End Practical/Viva-voce Examination	28-Nov-22	08-May-23
Commencement of Semester End Theory Examination	12-Dec-22	23-May-23
Declaration of Semester End Examination Results	One Week from the date of Last Examination	One Week from the date of Last Examination
HOLIDAYS		
List Of Public Holidays	AS PER TAMIL NADU STATE GOVERNMENT PUBLIC HOLIDAYS	
DUSSEHRA Holidays	01-Oct-22 to 05-Oct-22	

*First and Third Saturday – Non Instructional day



Dr. P. J. Carmel Mary Belinda
Dean - Academics
in-charge

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

C. M. Belinda
19/5/22
Prof. S. Sathish
30/5/22

S. Sathish
Prof. S. Sathish
Vice Chancellor

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

Office of Campus to Corporate

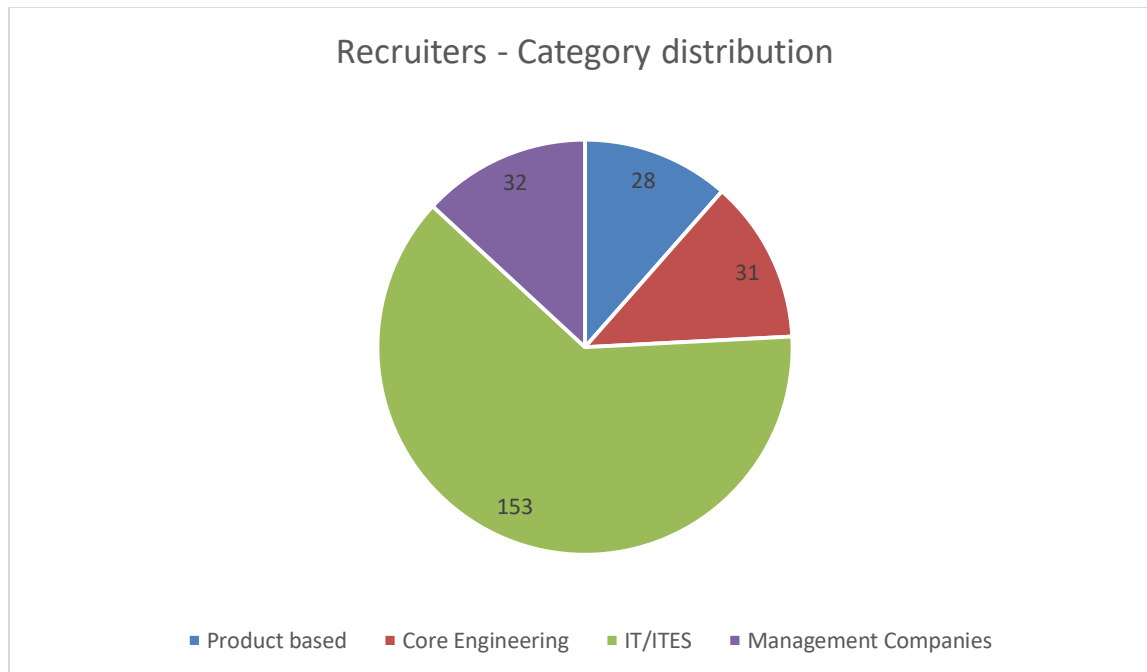
Report on Placements during 2021-22

VelTechRangarajan Dr. Sagunthala R&D Institute of Science and Technology has a vibrant Campus to Corporate Team which has made 74.41% placements of the 2022 batch till May 2022. Overall placement information of 2022 year of passing students follows;

Approved Intake	2646
Students admitted	2195
Students enrolled for placements	1935
Students placed	1440
Total offers	2051
Total recruiters	216
Placement % against approved intake	54.42
Placement % against students admitted	65.60
Placement % against placement enrolments	74.41
Highest Salary	25.0 LPA
Average Salary	4.5 LPA
Median Salary	4.0 LPA
Lowest Salary	2.5 LPA

Eminent Recruiters;





Best practices;

- Monthly competitions (Coding/Aptitude/GD/PI)
- Frequent interview preparation sessions for the test(round1) shortlists
- Gamified placement platform

Proposed Activities for AY 2022-23

- Career Competency training (Aptitude & Coding) – 120 hours
- Intensive coding training to a group of 100 students
- Cognizant Digital Nurture 2.0 – Java, .NET, Temenos & Salesforce practices
- Wipro Talent Next – J2EE
- PLM training – Mechanical / Automobile Engineering
- Mendix low-code training

The following are the various R & D accomplishments and activities for the academic year 2021-2022:

1. Funded Research Projects - Sanctioned

S.No	Title of the Project	Funding Agency	Associate Department	Collaborative Institute	Amount
1	Seaweeds Cultivation and Utilization in Odisha coast including Chilika Lake for Ecological Restoration and Livelihood Generation	DBT	CSE, Bio-Medical, Bio-Tech, Mechanical	University of Delhi	₹68,22,000
2	Development of 3D printed flexible patch antennas for enhancement of communications range in UAV.	DRDO	Mechanical, ECE	NAL-Bangalore	₹28,02,600
3	Precision brackish water aquaculture technology using Machine Intelligence	DBT	CSE	CIBA & ICAR	₹68,65,854
4	Minimizing the post harvesting loss in ware houses through examining rice kernel/paddy quality using infrared measurements, image processing algorithms and IoT platform	TNSCST	Mechanical, CSE	Tamil Nadu Warehouse Corporation	₹2,00,000
5	Optimizing Supersonic Co-Axial Nozzle design for Mixing Enhancement	SERB	Aeronautical	IIT Madras	₹8,25,000
6	Additive manufacturing of Osteogenic and infection resistant bone tissue engineering scaffolds	SERB	Mechanical	IIT Madras	₹8,25,000

7	Fabrication of Graphene coated Cu heat sink for electric vehicle battery thermal management	SERB	Mechanical	IIT Mandi	₹8,25,000
8	High strain rate characterization of additive manufactured materials for ballistic loading applications	SERB	Mechanical	Central Manufacturing Technology Institute	₹8,25,000
9	Optimization of Solar photovoltaic based water pumping performance with DC Motor	SERB	Mechanical	National Institute Of Solar Energy	₹8,25,000
10	UAV Based In-situ Measurements and Hyper spectral Analysis for Water Quality Mapping and Developing Remediation Strategies	SERB	Mechanical	PWD, NRSC	₹42,54,035
11	Microbial Recovery of Biogenic Methane from Coal Rejects with CO2 Sequestration using Noval Hybrid Geo-photo Bio Reactor and Reclamation of the Site	DST	Bio-Technology	NIT-Calicut & SCCL Mines	₹1,02,50,000
12	Development of sensing systems for rapid and in situ quality assessment of black rice, ginger(Zingiber Officinale), Elsholtzia griffithii and Cinnamomum zelanicum of north East India using Spectroscopic (NIR and Raman) technologies	DBT	ECE	Jadavpur University-Kolkata & DBT-Institute of Bioresources and Sustainable Development-Imphal	₹29,98,560

13	Design of Cascaded Adaptive Control with O ₂ and Temperature data of Combustion Images for Optimization of Boiler Combustion Processes in a Thermal Power Plant.	CPRI	ECE	NLC	₹29,88,000
Total					₹4,10,56,049

2. Funded Research Projects – Submitted

Dept.	No. of Faculty Members	No. of Proposal Submitted (Jun. 2021 to till date)	No. of total faculty members involved (incl. as Co-PI)
Aero	6	2	1
Auto	5	0	1
Biomedical	6	1	2
Biotech	9	9	9
Civil	10	6	0
CSE	70	5	7
EEE	11	5	3
ECE	55	24	13
IT	1	0	0
LAW	6	0	0
MBA	12	1	1
Mech	45	32	14
Media	1	0	0
S&H	80	5	0

3. Publications : Scopus (CY)

Year	As on 29 th June 2021	As on 17 th May 2022
2022	0	384
2021	374	710
2020	629	647
2019	719	693
2018	733	735

Total	4267	4984
Citation	37586	43825
h-index	110	112

4. Publications : Web of Science (CY)

Year	As on 29 th June 2021	As on 17 th May 2022
2022	0	142
2021	208	465
2020	374	384
2019	283	287
2018	185	185
Total	1644	2059
H-index	56	61
Citations	11986	15781

5. Publication Incentive

Dept	Number of Publications	Amount (Rs)	No. of Faculty
Aero	18	26832	2
Auto	89	112700	5
Biomedical	15	9583	2
Biotech	8	6250	1
Chemistry	7	8333	1
Civil	12	2165	1
CSE	181	271454	9
ECE	115	116415	9
EEE	16	38333	1
IT	12	17500	1
Maths	86	158740	2
Mech	614	867063	37
Physics	34	34570	3
Grand Total	1207	1669938	74

6. Books publication Incentive

Dept	No. of Faculty Involved	No. of Books Published	Amount (Rs)
Bio Tech	1	1	2000

Chemistry	1	8	40000
Civil	1	2	3334
CSE	1	1	5000
EEE	2	2	3750
English	2	1	5000
Mechanical	1	1	7500
Physics	2	2	3334
ECE	1	1	15000
Grand Total	20	19	84918

7. Funded Projects Incentive

Dept	Number of Projects	No. of Faculty Involved	Amount (Rs)
Aero	1	1	85160
Biomedical	1	1	74925
Biotech	4	2	480033
Chemistry	1	1	15650
CSE	3	2	438325
ECE	2	1	77080
EEE	2	1	102130
Mech	5	5	315450
Grand Total	19	14	1588754

8. Patents Incentive

Dept	Number of Patents	No. of Faculty Involved	Amount (Rs)
Civil	2	3	16666
ECE	1	1	3333
Physics	1	1	3333
EEE		3	9999
Mech	1	1	10000
Grand Total	5	9	43331

9. Vel Tech Seed Fund (2020 – 21)

S.No	Dept	Faculty ID	Faculty Name	Project Title	Budget
1	AERO	TTS2696	Dr .R. Naren Shankar	Hypersonic shock Tunnel	Rs.199214
2	BME	TTS2704	Dr. Thiyam Deepa Beeta	Multiclass motor imagery EEG signal classification	Rs.190960

				for brain computer interface systems.	
3	BME	TTS2721	Dr. Saranya G	Compressed Sensing Using Optimization Technique.	Rs.26000
4	CSE	TTS1435	Dr.R.Kavitha	Determination of Organic matter and pH value of the Soil using Deep Learning Techniques	Rs.10500
5	CSE	TTS2803	Dr.D.Uma Nandhini	AI Enabled Mobile Application for Utilization of Traditional Medicine and Farming from Tribes.	Rs.142000
6	CSE	TTS2304	DR K Meena	An automated system to monitor student attention in class room	Rs.51632
7	ECE	TTS2196	Dr.T.Kavitha	Optical Fiber Sensing Technology for Real Time Environmental Monitoring Applications	Rs.195000
8	ECE	TTS2198	Dr.S.Shiyamala	Design and development of proto type model of Heart disease detection by adopting CORDIC architecture using FPGA	Shared with SI no:10
9	ECE	TTS2809	Dr.S.Sridevi	Redundant diagnostic system to predict PCOD from ultrasound images and biomarkers	Rs.185691
10	ECE	TTS2719	Dr.J.Mohanraj	Synthesis and characterization of the TMD nanomaterials for the optical sensing applications	Rs.195623
11	ECE	TTS2782	Dr. M.Valliammai	Development of a cost effective fiber-optic bio-sensor for PCOS diagnosis	Rs.179174
12	ECE	TTS2421	Dr. J L Mazher Iqbal	Implementation of Enhancement, Filtering, Blind Deconvolution Algorithms in FPGA	Shared with SI no:18

13	ECE	TTS2573	Dr.P.Esther Rani	Behavioral Analysis of students in classroom based on facial emotion recognition	Rs.96440
14	ECE	TTS2737	Dr S Jana	Deep Neural Network Based Age Invariant Face Recognition	Rs.25000
15	ECE	TTS2783	Dr P Anandan	Fabric defect detection using convolutional Neural network	Rs.121798
16	ECE	TTS2805	Dr Kanimozhi	FPGA Implementation of Deep learning architectures for PCOD diagnosis	Rs.197400
17	EEE	TTS2784	Dr. S. Ramesh	Design and development of MOGEN Machine for Electric Vehicles	Rs.193500
18	MECH	TTS2424	Dr. Sachin Salunkhe	High Strain Rate of Laser Melted Materials for Facilitating the Application of Tools and Dies	Rs.139370
TOTAL : Rs 21,49,302					

10. Patents Granted (June 2021 to May 2022)

Sl. No.	Title	Dept.	Filed Date	Granted Date
1	Introduction of Hydrogen Oxygen Mixture at Different Injection Pressure of Diesel Engines	MECH	02.06.2014	29.10.2021
2	A modern electronic based fire extinguisher	EEE	06.02.2017	05.11.2021
3	Umbrella based duality module for future space technology	ECE	07.12.2015	03.12.2021
4	Mobile to mobile device controller	EIE	06.07.2010	06.01.2022
5	A Fabricated detachable emission filter for exhaust outlets	CIVIL	05.04.2019	30.01.2022

6	Amphibious solar antenna Module (antsol) for next generation communication	ECE	11.09.2015	30.03.2022
7	Small Metamaterial Inspired Antenna for WIMAX and WLAN applications	ECE	05.12.2016	30.04.2022

11. Patents Filed (June 2021 to May 2022)

Dept.	No. of Patents Filed
Aero	0
Auto	1
Bio Medical	0
Biotech	0
Civil	8
CSE	2
EEE	2
ECE	5
IT	0
LAW	0
MBA	0
Mech	10
Media	0
S&H	0

Till Today

Total Patents Filed	Total Published	Granted Till date
147	131	16

12. Research Guidance and Motivation to faculty members

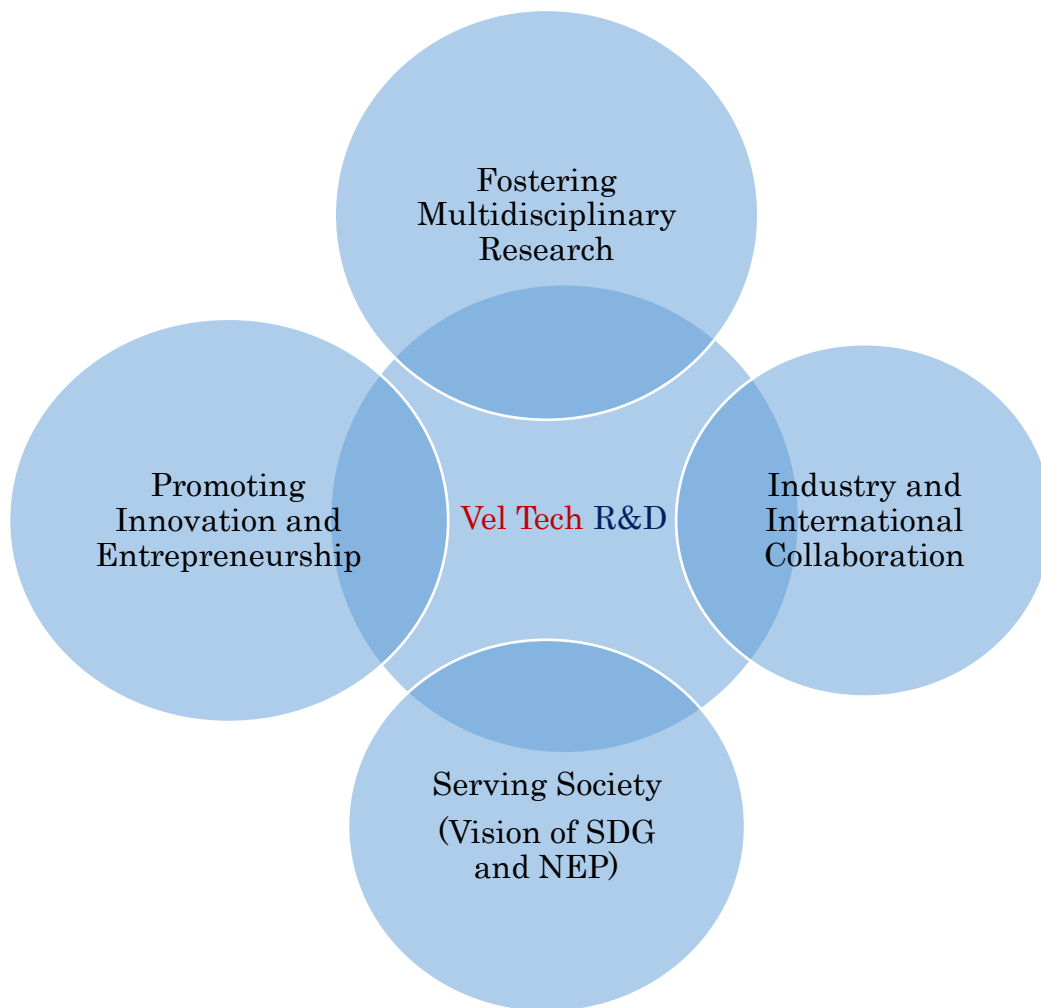
- **Conducted how to write a project proposal – 45 faculty members benefitted.** The PPT was shared to all faculty and many of them using for preparing the project proposal writeup.
- **How to prepare a patent application :** A webinar is conducted and process of submitting a patent application to all the faculty members has been sent to familiarize the procedure of submitting patent application
- **Renewed SIRO recognition for three years** period until March 2025 which will be helpful customs duty exemption for the import of equipment

- **Connected DRDO,ISRO, DBT and other scientists** and submitted project proposals in collaboration with them
- **List of on-going and completed projects from various IITs, NITs, IISC** and other reputed organizations shared to faculty members to get to know the areas of research work and avoid submission of same research work
- **Research booklet was prepared and shared to all DRDO labs** across India about our research activities, thrust areas and research faculty profiles
- **KAPILA scheme for reimbursement of 50% patent application fee** is processed for 5 patents (Maximum 10 patents per institute allowed).
- **Workshop on “ High Speed Bearing Test Facility”** is organized to familiarize and sharing the knowledge of in-house facility to aero and mech faculty.
- **One-on-One meeting with faculty members** during the project proposal submission for correcting their objectives, budget and way of writing is done.

13. Future Aspects of R & D

Sl.No.	Particulars	Upto Dec 2021	CY - 2022
1	Publications (Scopus)	4606	6000
2	Publications (Web of Science)	1907	2500
3	Citations (Scopus)	40321	48000
4	Citations (Web of Science)	14347	20000
5	h-index(scopus)	112	117
6	h-index(web of science)	59	65
7	Total Number of Funded Projects	58	75
8	Funded Projects aims to vision of NEP and SDGs	5	10
9	Industry-Academia Collaborative Research	5	10
10	International Collaborative Research	4	6
11	Patents (Application / Grant)	141/ 14	175 /20
12	Commercialization	1	5

Vel Tech R & D ecosystem will focus on four main themes



Annotated Agenda for the 51st Board of Management

51.10 (c) Activities of the Office of the Quality Assurance in 2021-22 and
the Proposed activities in 2022-23

Activities of the Office of the Quality Assurance since last BoM Meeting (04/02/2022)

National Assessment and Accreditation Council (NAAC)

The Self Study Report (SSR) has been submitted to : 09.03.2022
NAAC

- NAAC DVV verification is in progress

National Board of Accreditation (NBA)

Acceptance of Pre-Qualifier for three B.Tech. Programs : 14.03.2022
Aeronautical Engineering, Electrical and Electronics
Engineering & Mechanical Engineering

Self Assessment Report (SAR) submitted to NBA for : 12.05.2022
three programs

Compliance Report for the following B.Tech. Programs : 19.04.2022
Automobile Engineering, Computer Science &
Engineering, Civil Engineering and Electronics and
Communication Engineering completed on

Rankings Received

Times Higher Education (THE) World University : Band 801-1000
Rankings 2022

Times Higher Education (THE) World University : Band 601 - 800
Rankings 2022 in Engineering

Times Higher Education (THE) Emerging Economies University Rankings 2022	:	Band 301 - 350
Times Higher Education (THE) Young University Rankings 2022	:	Band 251 – 300
QS Asia University Rankings 2022	:	Band 601-650
THE Impact Ranking 2022	:	SDG 6: Clean Water and Sanitation – 101 to 200 in the world out of 634 institutions SDG 9: Industry, Innovation and Infrastructure – 301 – 400 in the world out of 785 institutions SDG 10: Reduced Inequalities – 601+ in the world out of 796 institutions SDG 17: Partnership for the Goals – 1001+ in the world out of 1438 institutions Overall: 1001+ in the world out of 1406 institutions

All India Survey on Higher Education (AISHE)

- Submitted the institutional information in AISHE portal for the academic year 2020-21 on 24.02.2022.

EducationINdia

- Submitted institutional information in EducationINdia portal powered by Ministry of Education (MoE), an initiative to showcase the strengths of the Indian Institutions to International students.

Proposed activities in 2022-23

- NAAC peer team visit
- NBA peer team visit for the three B.Tech. Programs
 - ❖ Aeronautical Engineering
 - ❖ Electrical and Electronics Engineering
 - ❖ Mechanical Engineering
- NBA Compliance visit for the four B.Tech. Programs
 - ❖ Automobile Engineering
 - ❖ Computer Science & Engineering
 - ❖ Civil Engineering
 - ❖ Electronics & Communication Engineering
- Organizing/ Participating Quality Enhancement Programs
- Academic Audit (annually)
- IQAC Meetings (quarterly)
- Interim Feedback collection (every semester)
- Submission of institutional information in AISHE portal for the academic years 2021-22 and 2022-23.

International Rankings

- Times Higher Education (THE) World University Rankings
- QS World University Rankings

National Rankings

- National Institutional Ranking Framework (NIRF) India Rankings 2023
- Atal Ranking of Institutions on Innovation Achievement (ARIIA) Ranking 2023

- Others national rankings include DATAQUEST, digitalLEARNING, GHRDC, The Week Hansa Research, etc.

Branding

- Higher Education Review, Academic Insights, Silicon India, digitalLEARNING, and Careers360 etc.,

VEL TECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

LIST OF FACULTY RECRUITED SINCE LAST BOM (4th FEB 2022)

Sl.No.	Faculty ID	Faculty Name	Designation	Qualification	Department	Date of Joining
1	TTS3373	Dr.MUTHALAKSHMI. M	ASSISTANT PROFESSOR	M.E., Ph.D.	BIO MEDICAL	22-Feb-22
2	TTS3372	Dr.RAVIKUMAR. R	PROFESSOR	M.Tech.,Ph.D.	BIO TECHNOLOGY	15-Feb-22
3	TTS3399	SRIRAM.D	ASSISTANT PROFESSOR / PLACEMENT TRAINER	M.E.	CIVIL	14-May-22
4	TTS3353	Dr. PARTHASARATHY. R	ASSOCIATE PROFESSOR	M.E., Ph.D.	CSE	8-Feb-22
5	TTS3375	Dr.RAJESH. D	ASSOCIATE PROFESSOR	M.E., Ph.D.	CSE	3-Mar-22
6	TTS3392	DR.POONGAVANAM.N	ASSOCIATE PROFESSOR	M.E., Ph.D.	CSE	27-Apr-22
7	TTS3366	Dr. PRABHA. M	ASSISTANT PROFESSOR	M.E., Ph.D.	CSE	10-Feb-22
8	TTS3377	LATHA. P	ASSISTANT PROFESSOR	M.E.	CSE	5-Mar-22
9	TTS3380	NIVETHA. B	ASSISTANT PROFESSOR	M.E.	CSE	8-Mar-22
10	TTS3381	SUGANYA. K	ASSISTANT PROFESSOR	M.E.	CSE	8-Mar-22
11	TTS3383	NANDHINI. A	ASSISTANT PROFESSOR	M.E.	CSE	22-Mar-22
12	TTS3390	PARAMASIVAM. S	ASSISTANT PROFESSOR	M.E.	CSE	22-Apr-22
13	TTS3395	JAYASRI.R	ASSISTANT PROFESSOR	M.Tech.	CSE	9-May-22
14	TTS3397	MEKALARANI.T.M.S	ASSISTANT PROFESSOR	M.E.	CSE	11-May-22
15	TTS3394	PREETHI.G	ASSISTANT PROFESSOR	M.E.	CSE	11-May-22
16	TTS3396	KALAI SELVI.P	ASSISTANT PROFESSOR	M.Tech.	CSE	11-May-22

Sl.No.	Faculty ID	Faculty Name	Designation	Qualification	Department	Date of Joining
17	TTS3400	MANIKANDAN.S	ASSISTANT PROFESSOR	M.E.	CSE	12-May-22
18	TTS3364	Dr.V KOUSHICK	ASSISTANT PROFESSOR	M.E., Ph.D.	ECE	7-Feb-22
19	TTS3382	RAJA. S	ASSISTANT PROFESSOR	M.E.	ECE	9-Mar-22
20	TTS3389	VIJAYALAKSHMI. V	ASSISTANT PROFESSOR	M.E.	IT	21-Apr-22
21	TTS3393	DR.BOOBALAN.K	ASSISTANT PROFESSOR	M.Sc.,Ph.D.	PHYSICS	26-Apr-22
22	TTS3348	Dr.SIVARAMA KRISHNA. L	ASSOCIATE PROFESSOR	M.Sc.,Ph.D.	CHEMISTRY	22-Feb-22
23	TTS3378	Dr. BAMARUKMANI. M	PROFESSOR	M.Com.,Ph.D.	MANAGEMENT	5-Mar-22
24	TTS3385	SWATHINI. K	ASSISTANT PROFESSOR	M.B.A.	MANAGEMENT	9-Apr-22
25	TTS3387	DR.VIJAI.C	ASSOCIATE PROFESSOR	M.Com.,Ph.D.	COMMERCE	4-May-22
26	TTS3388	GOPI. G	ASSISTANT PROFESSOR	M.B.A.	COMMERCE	12-Apr-22
27	TTS3401	DHANALAKSHMI.J	ASSISTANT PROFESSOR	M.B.A.,M.Phil.	COMMERCE	16-May-22
28	TTS3371	Dr.SARAVANAN. M	ASSOCIATE PROFESSOR	M.Sc.,Ph.D.	MEDIA	12-Feb-22
29	TTS3376	RENUGA VARSHINI. V	ASSISTANT PROFESSOR	M.Sc., M.Phil.	MEDIA	4-Mar-22
30	TTS3356	SURENDAR. M	ASSISTANT PROFESSOR	L.L.M(LAW)	LAW	8-Feb-22
31	TTS3369	RESMI. C.S	ASSISTANT PROFESSOR	L.L.M(LAW)	LAW	15-Feb-22
32	TTS3370	VAGEESWARI. R	ASSISTANT PROFESSOR	L.L.M(LAW)	LAW	15-Feb-22
33	TTS3362	KRISHNA CHARAN. J	ASSISTANT PROFESSOR	L.L.M(LAW)	LAW	21-Feb-22
34	TTS3403	MONIKA.R.P	ASSISTANT PROFESSOR	M.A.,M.Phil.	LAW	18-May-22



ABSTRACT

ie Tamil Nadu Safety Officers (Duties, Qualifications and Conditions of Service) Rules, 2005 – Recognition of Post Graduate Course in M.Tech., (Industrial Safety and Engineering) conducted by the Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Technology (Deemed to be University), Chennai under rule 3(1)(b) of the Tamil Nadu Safety Officers (Duties, Qualifications and Conditions of Service), Rules, 2005 for appointment of Safety Officers in Factories – Orders Issued.

LABOUR WELFARE AND SKILL DEVELOPMENT (M2) DEPARTMENT

O.(Ms.) No.16

Dated: 11.02.2022

பிலவ வருடம், தை-29,
திருவள்ளூர் ஆண்டு 2053

Read:

1. From the Registrar, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Technology (Deemed to be University), Chennai 600 062, dated 18.03.2019 and 21.01.2021 addressed to the Director of Industrial Safety and Health (FAC), Chennai-32.
2. From the Director of Industrial Safety and Health (FAC), Chennai-32, letter No.B1/6345/2019, dated 07.12.2021.

DER:

In the letters first read above, the Registrar, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Technology (Deemed to be University), Chennai has stated that Ministry of Human Resource Development (Department of Higher Education), Government of India, New Delhi has declared the said Institution as Deemed to be University under the University Grants Commission (UGC) Act, 1956 and submitted necessary documents along with the application such as Office Memorandum of University Grants Commission (UGC), copy of approval letter from All India Council for Technical Education (AICTE), Curriculum & Syllabus and details of Faculty, Library and Laboratory facilities and requested to recognize the Post Graduate Course in M.Tech., (Industrial Safety and Engineering) under Rule, 3(1)(b) of the Tamil Nadu Safety Officers (Duties, Qualifications and Conditions of Service) Rules, 2005 for appointment of Safety Officers in Factories.

2. In the letter second read above, the Director of Industrial Safety and Health (FAC) has stated that the copy of the Curriculum and Syllabus of the said course is sent by the Registrar of the said Institution has been verified and found in order and the Joint Director of Industrial Safety and Health, Thiruvallur has inspected the above said institution and verified the infrastructure facilities and other relevant documents and ensured the same. Hence, he has recommended that the request of the Registrar, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Technology (Deemed to be University), Chennai for recognition of the Post Graduate Course of M.Tech., (Industrial Safety and Engineering), under above said rule may be considered favourably.

3. After careful examination, the Government have decided to accept the recommendation of the Director of Industrial Safety and Health (FAC) and the Governor of Tamil Nadu hereby recognises the Post Graduate Course in M.Tech., (Industrial Safety and Engineering) conducted by the Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Technology (Deemed to be University), Chennai under rule 3 (1) (b) of the Tamil Nadu Safety Officers (Duties, Qualifications and Conditions of Service) Rules, 2005 or appointment of Safety Officers in Factories.

(BY ORDER OF THE GOVERNOR)

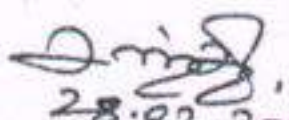
R. KIRLOSH KUMAR
SECRETARY TO GOVERNMENT.

o
The Director of Industrial Safety and Health (FAC), Chennai-600 032.
The Registrar, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Technology
(Deemed to be University), Chennai 600 062.
(Through: The Director of Industrial Safety and Health (FAC), Chennai-600 032).

Copy to:

The Member Secretary, AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-11 0 070.
The Director of Technical Education, Chennai-600 025.
The Special Personal Assistant to Hon'ble Minister
(Labour Welfare and Skill Development), Chennai -600 009.
The Higher Education Department, Chennai-600 009.
The Senior Private Secretary to the Secretary to Government,
Labour Welfare and Skill Development Department, Chennai-600 009.
The Labour Welfare and Skill Development (OP-II) Department, Chennai-600 009.
Stock File/Spare Copy/ Clean Copy for file (C.No. 22378/M2/2021)

//FORWARDED BY ORDER //

Un. 
28.02.2022.
SECTION OFFICER
28/02/2022