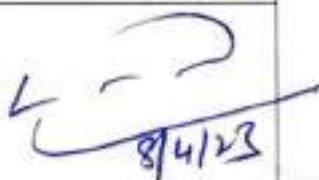# Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Attendance Sheet for 54th MEETING OF BOARD OF MANAGEMENT
on 08.04.2023 AT 10.30 a.m.
Venue: International Conference Hall

S.NO	NAME	POSITION	SIGNATURE
1.	Prof.S.Salivahanan Vice Chancellor, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Chairperson	S. Saliva
2.	Prof.V.Srinivasa Rao Dean, School of Computing, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Dean Faculties Nominee	8/4/23
3.	Dr. M. Sivakumar, Dean (FME), Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Dean Faculties Nominee	8/4/23
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	HSShan
6.	Dr.V.Jagadeesh Kumar, Professor Department of Electrical Engineering, Indian Institute of Technology Madras, Chennai-600036.	Chancellor Nominee	-AB-
7.	Dr.A.T.Ravichandran, Dean (Academics), Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.	Professor Nominee	8/4

**AGENDA AND MINUTES OF 54th MEETING
OF BOARD OF MANAGEMENT
on 08.04.2023 at 10.30 a.m.
Venue : International Conference Hall.**

AGENDA

	A. OPENING
54.1	*To record the notice convening the 54th Board of Management meeting scheduled on April 8, 2023.*
54.2	*To inform the board about the leave of absence of the members.*
54.3	*To approve and record the minutes of the 53rd BoM meeting held on January 7, 2023.*
54.4	*To inform the board about the actions taken based on the minutes of the 53rd BoM meeting held on January 7, 2023.*
54.5	*To approve and record the agenda for the 54th BoM meeting scheduled on April 8, 2023.*
	B. ITEMS FOR CONSIDERATION AND APPROVAL
54.6	*To consider and approve the minutes of 41st Academic Council Meeting held on March 11, 2023.*
54.7	*To consider and approve the minutes of 16th Planning and Monitoring Committee meeting held on March 18, 2023.*
54.8	*To consider and approve the minutes of 30th Finance Committee meeting to be held on March 27, 2023.*
54.9	*To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on January 7, 2023.*
	C. ITEMS FOR DISCUSSIONS AND DECISIONS
54.10	To discuss the activities of office of the Campus to Corporate during the academic year 2022-23 and its proposed activities for the Academic year 2023-24.
54.11	To discuss the activities of office of the Research and Development during the academic year 2022-23 and its proposed activities for the Academic year 2023-24.
54.12	To discuss the plan of action and assignment of tasks to various Deans/HoDs in the process of attainment of goals as per the Strategic Plan.

S. Sahiv
Vice Chancellor

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

	D. ITEMS FOR RATIFICATION
54.13	*To ratify the recommendations of the Faculty Selection Committee since last meeting of the BoM held on January 7, 2023.*
	D. ITEMS FOR REPORTING
54.14	*To report and record the letters received from MHRD/ UGC/AICTE/ BCI/ etc., and action taken thereof.*
54.15	*To report and record the accreditation status of NAAC second cycle.*
54.16	*To report and record the status of Inspection conducted by the NBA for Accreditation of the Departments of Aeronautical, Mechanical and Electrical and Electronic Engineering from 03.03.2023 to 05.03.2023.*
54.17	*To report and record the establishment and inauguration of the Centre of Excellence for Smart Factory Initiatives with the support of M/s. Commercial Vehicle Control System on 23.03.2023.*
54.18	*To report and record the submission of online Extension of Approval (EOA) to AICTE by the Institution for the academic year 2023-24.*
	E. CONCLUSION
54.19	*Any other item with the permission of the Chairperson.*
54.20	*To fix the date for holding the next meeting of the Board of Management.*
	VOTE OF THANKS

S. Saliva
Salivahanan
Vice Chancellor

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

MEMBERS OF THE BOARD

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

2. Prof.V.Srinivasa Rao,　　　　　　　　Dean Faculties Nominee
   Dean, School of Computing,
   Vel Tech.

3. Dr. M. Sivakumar,　　　　　　　　　　Dean Faculties Nominee
   Dean (FME),
   Vel Tech.

4. Dr.B.Venkatraman,　　　　　　　　　　Chancellor Nominee
   Director,
   Indira Gandhi centre for Atomic Research (IGCAR),
   Kalpakkam, Tamil Nadu.

5. Dr. H.S. Shan,　　　　　　　　　　　　Chancellor Nominee
   Professor Emeritus, IIT Roorkee
   3072, SBI Officers Society,
   Sector 49-D, Chandigarh - 160047.

6. Dr.V.Jagadeesh Kumar,　　　　　　　　Chancellor Nominee
   Professor Emeritus,
   Department of Electrical Engineering,
   Indian Institute of Technology Madras,
   Chennai-600036.

7. Dr.A.T.Ravichandran,　　　　　　　　Professor Nominee
   Dean (Academics),
   Vel Tech.

8. Dr. P. Chandrakumar,　　　　　　　　Representing Associate Professors
   Dean (Industry Relations),
   Vel Tech.

9. Mrs. Rangarajan Mahalakshmi Kishore,   Sponsoring Trust Nominee
   Chairperson and Managing Trustee.
   Vel Tech.

10. Dr. Sagunthala Rangarajan,   Sponsoring Trust Nominee
    Foundress President,
    Vel Tech.

11. Prof.S.P.Thyagarajan,   Sponsoring Trust Nominee
    Chancellor,
    Avinashilingam Institute for
    Home Science and Higher Education
    for Women (Deemed to be University)
    Coimbatore-641043.

12. Prof.P.Radhakrishnan,   Sponsoring Trust Nominee
    Formerly Director,
    PSG Institute of Advanced Studies,
    Coimbatore-641004.

13. Dr. E. Kannan,   Secretary
    Registrar,
    Vel Tech.

MINUTES OF THE MEETING

A. Opening

The Chairperson extended a warm welcome to all the members of the Board of Management especially the External members for attending the meeting. The Chairperson highlighted some of the important activities took place since the last BoM meeting such as NAAC Accreditation to Vel Tech with A++ grade with CGPA of 3.53 Visit of the NBA team to three of the departments viz EEE, Mechanical Engineering and Aeronautical Engineering, conduct of LAVAZA 23 the intercollegiate cultural mega fest, workshops, Projects, publications in the scopus, citations, pattern, Funded projects, payment of stipends to Research Scholars, Inauguration of Centre of Excellence, submission of EoA to AICTE for 2023-24 etc. After the welcome address, the proceedings started.

Prof. S.P. Thyagarajan, the External Member expressed his happiness and appreciation on the Institution's achievement in securing the highest NAAC accreditation score. On behalf of the BoM members, he wanted to record the appreciation to all the stake holders of Vel Tech for undertaking herculean task to achieve this feat in the minutes of the BoM. Prof. H.S. Shan and Dr.B. Venkaramanan the other External members have seconded the motion to pass the resolution as follows:

RESOLVED to place it on record the appreciation and happiness of the members of the Board of Management conveyable to the management and authorities for the attainment of NAAC A++ grade Accreditation for Vel Tech with the extraordinary support and co-operation of the stake holders.

54.1 To record the notice convening the 54th Board of Management meeting scheduled on April 8, 2023.

A copy of the Meeting Notice sent to all he members of the BoM is placed at Appendix-A.

A. 54th BoM Meeting Notice

Appendix-A Click here

S. Sahiv

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

RESOLVED to record the Meeting Notice of the 54th Meeting of the Board of Management scheduled on 08.04.2023.

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

The Chairperson informed that Prof. P. Radhakrishnan was not able to attend the BoM meeting due to indisposition and Prof. Jagadeesh Kumar was also not able attend the meeting due to unavoidable reasons.

RESOLVED to approve and place it on record the leave of absence of the External members Prof. Radhakrishnan and Prof. Jagadeesh Kumar due to unavoidable circumstances.

54.3   To approve and record the minutes of the 53rd BoM meeting held on January 7, 2023.

A copy of the Minutes of the 53rd BoM held on January 7, 2023 is placed at Appendix-B

B. 53rd BoM Minutes

Appendix-B Click here

RESOLVED to approve and record the Minutes of the 53rd BoM held on January 7, 2023 is placed at Appendix-B.

54.4   To inform the board about the actions taken based on the minutes of the 53rd BoM meeting held on January 7, 2023.

The Action Taken report on the Agenda items relating to the BoM Meeting held on January 7, 2023 is given below:

Table 1: Action Taken Report

Item No.	Subject	Decision	Action Taken
53.8	To discuss the proposed intake of students to different UG and PG programmes of this Institution for the Academic year 2023-24.	Prof. H.S.Shan suggested that suitable action may be taken to improve the intake of PG students or to wind-up those programmes for which the strength is so poor for the successive two years or so.	The University wishes to run atleast one PG programme per department considering the Research programmes going on. However, the University is taking all steps to improve the intake in PG programmes.
53.10	To discuss the report on the impact of Faculty Retention Scheme in force.	Prof. S.P Thyagarjan emphasised factual analysis in terms of the Ratio between incentives offered and achievements shown in the Research Projects He pointed out that only lesser number of faculty members are coming under A and B categories, whereas 75 % to 80 % are still in the category C which does not reflect the kind of efforts that the Institution is taking.	Taken note of the suggestions by the External Member. Action is being taken to motivate more number of faculty members to undertake projects and inclusion in the A and B categories as well. The initiatives taken in this regard are included in the note submitted by the Dean (QA) under Agenda item no. 54.12.
53.11	To discuss the initiatives taken under various parameters of the IQAC guidelines and the levels of achievements by the Institution.	Prof.S.P.Thyagarjan suggested that nodal officers can be appointed to handle the work of MoUs as it would be much difficult for a VC or a Dean to concentrate on this work amidst hectic academic schedule. He has also pointed out that enrolment of a large number of Part time Ph.D scholars is a point of criticism and the Institution should take all possible steps to increase the strength of full time scholars.	Taken note of the suggestions especially with regard to increase of the intake of full time Ph.D. Scholars. Action is being taken to improve the strength. The initiatives taken in this regard are included in the note submitted by the Dean (QA) under Agenda item no. 54.12.

S. Saliva

Table 2: Action Taken Report

Item No.	Subject	Decision	Action Taken
53.15	To report and record the placement and Training activities of the office of the campus to corporate during the academic year 2022-23.	Prof. S.P. Thyagarjan has also pointed out that the data relating to the students who are going abroad after successful completion of GRE /TOEFL examinations and the kind of support that the institution is extending etc. should to be included in the report in future.	Taken note of the suggestion of the External member. The required information will be provided in the report of the office of the Campus to Corporate in future. The Dean (Campus to Corporate) will present a detailed report on this in the Agenda item no. 54.10.

At this juncture, Prof. S.P. Thyagarajan, the External Member states that by virtue of attaining the $A++$ status, the institution is eligible to be included in the Category I Universities with the eligibility for the grant of Graded Autonomy. The Institutions would be classified under Category I to

i. start new courses/programmes/Departments under intimation to the UGC.

ii. open constituent unit / off campuses within the geographical jurisdiction without approval from the UGC provided that the institute can incur expenditure from its own revenue.

iii. start skill courses

iv. have freedom to hire foreign faculty on tenure / contracts basis as per the terms and conditions of the statutory body

v. offer courses under Distant Mode learning as per the terms and conditions of the statutory body.

vi. start off campus centres / study centre as per the terms and conditions of the statutory body.

RESOLVED to approve and record Action Taken report on the Agenda items relating to the BoM Meeting held on January 7, 2023 .

S. Saliva

Vel Tech
Rangarajan Dr. Sagunthala

54.5 To approve and record the agenda for the 54th BoM meeting scheduled on April 8, 2023.

The Agenda of the BoM meeting scheduled on April 8, 2023 is given in the page no.1.

RESOLVED to record the Agenda of the 54th Meeting of the Board of Management scheduled on 08.04.2023.

B. Items for Consideration and Approval

54.6 To consider and approve the minutes of 41st Academic Council Meeting held on March 11, 2023.

Prof. A.T. Ravichandran, Dean (Academics) has presented the highlights of the proceedings of the Academic Council Meeting held on March 11, 2023 which is placed at Appendix C. Prof. A.T.Ravichandran, Dean (Academics) has brought to the notice of the members regarding recommendations of the Board of Studies in respect of different disciplines, Introduction of specialisation in Internet of Things (IoT) with the support of Centre of Excellence with the support of industry, development of e content materials etc.

C. 41st ACM Minutes

Appendix-C Click here

Prof. H.S. Shan, the External member suggested that more number of areas to be identified for the purpose of developing e content videos. Prof. H.S. Shan has specifically pointed out that videos on Machine Learning could also be prepared by the faculty members of Mechanical Engineering and CSE in addition to the faculty of ECE and quality of the video including the video clarity and sound should be good.

Prof. S.P. Thygarajan, the other External member suggested that quality lectures should be prepared and uploaded in the NPTEL, SWAYAM and other recognised online platforms so as to get them recognized nationally and globally which would help the institution to showcase them to the expert committees and ranking agencies.

S. Salivahanan
Vice Chancellor

S. Salivs

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Dr. B. Venkatraman, the External member suggests that the combined programmes with combination such Cyber Security and Data Science or Cyber Security and Machine Learning would be much helpful as there is a demand for the combined specialization programmes at the UG Level. Prof. S.P. Thyagarajan advised to explore the feasibility of offering Vocational Courses or sandwich programmes.

RESOLVED to approve and record the minutes of 41ˢᵗ Academic Council Meeting held on March 11, 2023.

54.7 To consider and approve the minutes of 16ᵗʰ Planning and Monitoring Committee meeting held on March 18, 2023.

A copy of the minutes of 16ᵗʰ Planning and Monitoring Committee meeting held on March 18, 2023 is placed at Appendix D.

D. 16ᵗʰ P&M Minutes

Appendix-D Click here

Prof. E. Kannan, Registrar presented the highlights of the minutes of the meeting of the Planning and Monitoring Board which include establishment of new building facilities / amenities, Action Plan to accomplish various initiatives included in the Strategic Plan, NAAC accreditation etc.

Dr. B. Venkatraman, the External members suggests erection of solar panel, use of IES light files by describing how light from lamp is distributed in a room. This data is provided by many manufactures so that lighting designs can realistically simulate how a project will look when a specific light source is used. 3D artists also use the data to calculate their image more realistically. The External member has also suggested to encourage use of renewable energy sources predominantly.

RESOLVED to approve and record the minutes of 16ᵗʰ Planning and Monitoring Committee meeting held on March 18, 2023.

54.8 To consider and approve the minutes of 30th Finance Committee meeting held on March 27, 2023.

A copy of the minutes of 30th Finance Committee meeting held on March 27, 2023 is placed at Appendix-E.

E. 30th FCM Minutes

Appendix-E Click here

The Finance Officer explained to the Board of Management the mode of Budget preparation and the provisions made for the year 2023-24, Internal Audit Report and half yearly balance sheet etc. in detail. Prof. S.P. Thyagarajan suggests that the Institution may take all possible steps to include a UGC nominee on the Finance Committee by pointing out the importance of a UGC nominated member in the Finance Committee.

RESOLVED to approve and record the minutes of 30th Finance Committee meeting held on March 27, 2023.

54.9 To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on January 7, 2023.

Dr. S. Sivaraman, Controller of Examinations presented the note on the results of the Ph.D. viva-voce conducted since the last BoM meeting held on January 7, 2023. The Descriptive summary is given in the Appendix F placed below.

F. Ph.D. Viva-Voce Results

Appendix-F Click here

RESOLVED to approve and record the results of the Ph.D. viva-voce conducted since the last BoM meeting held on January 7, 2023.

Salivahanan
Vice Chancellor

S. Saliv

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

C. Items for Discussions and Decisions

54.10   To discuss the activities of office of the Campus to Corporate during the academic year 2022-23 and its proposed activities for the Academic year 2023-24.

Dr.P. Vijayaraman, Dean (Campus to Corporate) presented the summary of activities took place during the academic year 2022-23 and the proposed activities of the office of Campus to Corporate in 2023-24. The Dean (Campus to Corporate) in his report on Placements during 2022-23 is given below in the Appendix G.

G. Placement Activities

Appendix-G Click here

The Dean (Campus to Corporate) informed the BoM regarding placement of 1181 students out of 1993 enrolled for placement in 236 companies so far and the highest salary package offered was 12.12 LPA and average salary package offered to the students 4.56 LPA. He also highlighted that 432 students have enrolled for higher studies.

RESOLVED to record the activities of office of the Campus to Corporate during the academic year 2022-23 and its proposed activities for the Academic year 2023-24.

54.11   To discuss the activities of office of the Research and Development during the academic year 2022-23 and its proposed activities for the Academic year 2023-24.

Dr. E. Balasubramanian presented the summary on the activities of office of the Research and Development during the academic year 2022-23 and its proposed activities for the Academic year 2023-24 as in the Appendix H.

H. Research and Development

Appendix-H Click here

Dr. E. Balasubramanian presented the detailed summary on the Sanctioned Funded Projects, Research Projects with title of projects, Funding Agency, associated departments, Collaborative departments, amount involved etc. Apart from that, Prof. E. Balasubramanian furnished information on the Publication in Scopus as on March 31,2023 including h-intex, ciatations, Department-wise R&D incentives, Seed Fund, Patents granted Patents files along with the other achievements in his presentation.

Dr.B. Venkatraman states that the Coordinated Research Activities are normally implemented through Coordinated Research Projects (CRPs), Research,technical and doctoral contracts and research agreements are awarded to institutes in Member States for their completion of research work under these CRPs. Each established CRP consists of a network of 10 to 15 research institutes that work in coordination for three to five years to acquire and disseminate new knowledge. The Institution may also explore the feasibility to undertake these research projects.

RESOLVED to record the activities of activities of office of the Research and Development during the academic year 2022-23 and its proposed activities for the Academic year 2023-24.

54.12   To discuss the plan of action and assignment of tasks to various Deans/HoDs in the process of attainment of goals as per the Strategic Plan.

Dr. M. Rajeev Kumar, Professor & Dean Quality Assurance, presented the Plan of Action target vs attained for the Academic Year 2022-23 at the time of the meeting.

Dr. M. Rajeev Kumar, Dean(Quality Assurance)has also presented the assignment tasks entrusted to the Deans and HoDs of the Institution for the accomplishment of goals as per strategic plan .

Prof. S.P. Thyagarajan suggests that the IQAC unit of the Institution may explore the feasibility to obtain ISO for its best Quality Management Systems for a unit, or department or the Institution as a whole.

I. Plan of Action and Assignment

Appendix-I Click here

RESOLVED to approve and record discuss the plan of action and assignment of tasks to various Deans/HoDs in the process of attainment of goals as per the Strategic Plan.

D. Items for Ratification

54.13 To ratify the recommendations of the Faculty Selection Committee since last meeting of the BoM held on January 7, 2023.

Prof. E. Kannan presented the details of the faculty members appointed since last meeting of the BoM held on January 7, 2023 at the time of the meeting.

J. Faculty Selection Committee

Appendix-J Click here

Prof. E. Kannan informed that the new faculty members have been appointed not only to fill up vacancies of those who left the Institution but also to keep the strength of the faculty members in accordanced with the FSR ratio as 1:15 .

RESOLVED to ratify the recommendations of the Faculty Selection Committee since last meeting of the BoM held on January 7, 2023..

E. Items for Reporting

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

The Action Taken Report on the letters received / submitted from MHRD/ NAAC /UGC/ AICTE/ BCI / Govt. of Tamil Nadu since the last BoM meeting held on October 15, 2022 is given below.

S. Saliva   Vice Chancellor

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

Table 3: Letters Received from MHRD /NAAC/ UGC/AICTE/BCI

S.No.	Received From	Ref.No.& Date	Subject	Action Taken
1.	Govt. of Tamil Nadu	Ref.No. U3/26562/2022 dated 10.03.23.	Financial Assistance to AD/SC/ST Research Scholars.	Govt. of Tamil Nadu has released a sum of Rs. 1 Lakh per scholars to two Full Time Ph.D. Research Scholars. The Institution acknowledged the receipt.
2.	NAAC	Track-ID:. TNUNGN60039, AISHE-ID: U-0489	NAAC Institutional Assessment and Accreditation (Cycle-2) The Grade Sheet is uploaded in the NAAC Website.	The Institution has been accredited with NAAC A++ with CGPS of 3.53. The certificate is yet to be received.

RESOLVED to record the letters received from MHRD/ UGC/NAAC/ AICTE/ BCI/ Govt. of Tamil Nadu etc.and action taken thereof..

54.15   To report and record the accreditation status of NAAC second cycle.

Dr. M. Rajeev Kumar, Professor & Dean Quality Assurance, submitted a report the NAAC accreditation status in the second cycle of accreditation.

The National Assessment and Accreditation Council (NAAC) Peer Team has visited the institution during 31.01.2023 to 02.02.2023 to evaluate the Qualitative metrics provided in the Self Study Report (SSR). The Peer Team has verified all the documents pertaining to the Qualitative metrics and selected quantitative metrics, visited all the physical facilities, interacted with various stakeholders of the institution and recommended their suggestions for further quality improvement. The final grade was declared on 07.02.2023 with the highest grade 'A++' with the CGPA of 3.53 out of 4.00. The validity of the grade is with effect from 07.02.2023 to 06.02.2028. The criteria-wise score and grade obtained is given in the Appendix-K.

Prof. S. Salivahanan
Vice Chancellor

S. Saliw

Vel Tech
Rangarajan Dr. Sagunthala

K. NAAC Accreditation status (Cycle-2)

Appendix-K Click here

RESOLVED to record record the accreditation status of NAAC second cycle.

54.16 To report and record the status of Inspection conducted by the NBA for Accreditation of the Departments of Aeronautical, Mechanical and Electrical and Electronic Engineering from 03.03.2023 to 05.03.2023.

Dr. M. Rajeev Kumar, Dean (Quality Assurance) presented note on the status of Inspection conducted by the NBA for Accreditation of the Departments of Aeronautical, Mechanical and Electrical and Electronic Engineering. Dr. M. Rajeev Kumar states that the NBA Inspection went on well and the institution is awaiting results which are yet to be received..

L. NAAC Accreditation status (Cycle-2)

Appendix-L Click here

RESOLVED to record the report on the status of Inspection conducted by the NBA for Accreditation of the Departments of Aeronautical, Mechanical and Electrical and Electronic Engineering from 03.03.2023 to 05.03.2023.

54.17 To report and record the establishment and inauguration of the Centre of Excellence for Smart Factory Initiatives with the support of M/s. ZF Commercial Vehicle Control System on 23.03.2023.

Dr. P. Chandrakumar, Dean (Industry Relations) presented the establishment of Centre of Excellence for smart Factory Initiatives with the support of ZF Commercial Vehicle Solutions and proposed skill development initiatives with other industry partner WEBYFY in detail as in the Appendix M given below..

M. B.Tech- Specialization on IoT

Appendix-M Click here

Dr. P. Chandrakumar has further stated that as per the regulation R21, the office of industry relations and department of ECE constituted a faculty committee to come with the courses of total 18 Credits under programme elective and Independent learning 13 Credits (2 Minor projects (4 Credits) and Major project 9 credits) focusing on IoT. The ZF agreed to support course delivery and offer both minor and major projects at their industry. .

RESOLVED to record the report on the establishment and inauguration of the Centre of Excellence for Smart Factory Initiatives with the support of M/s. ZF Commercial Vehicle Control System.

54.18   To report and record the submission of online Extension of Approval (EOA) to AICTE by the Institution for the academic year 2023-24.

Prof. E. Kannan presented the status report of online Extension of Approval (EOA) to AICTE by the Institution for the academic year 2023-24 in the AICTE portal as per the prescribed format. The approval for the programmes is awaited from AICTE.

Prof. E. Kannan informed that the proposed intake of the students specified in the EoA for different branches is directly proportional to the FSR ratio which is 1:15 at the moment.

RESOLVED to record the report on the status of online Extension of Approval (EOA) to AICTE by the Institution for the academic year 2023-24.

F. Concluding

54.19   Any other item with the permission of the Chairperson.

No item other than those included in the Agenda has been taken up for discussion.

S. Salivd   Vice Chancellor

54.20 To consider and approve the date for holding the next BoM meeting

It has been decided to conduct the next meeting of BoM in the month of June 2023.

Vote of Thanks.

Prof.E.Kannan thanked all the members particularly the External members for attending the meeting of BoM amidst their busy schedules. He expressed his thankfulness and gratitude to Prof. H.S. Shan in particular for his spontaneous gesture in associating with the significant Institutional activities, by travelling all the way from Chandigarh to Chennai whenever the Institution invites him for Advisory / Expert Committee meetings. Prof. E. Kannan assured that the suggestions and inputs given by the members would be taken into account and included in the minutes, which would be sent to all the members for approval in due course. Prof. Kannan thanked the Asst. Registrars and all other staff involved in the successful conduct of the BoM meeting. With the vote of thanks of Prof. E. Kannan, the meeting has come to a close.

S. Salivo
Prof. S. Salivahanan
Vice Chancellor

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

Ref. No. VT/R/MN-BoM/22-23/07-6

Date:
25.03.2023

To

The Members of the Board of Management
Vel Tech

Sir,

Sub: 54th Meeting of the Board of Management to be held on 08.04.2023 – Invitation – Reg.

I am, by direction, to inform that the Vice Chancellor is pleased to convene the 54th Meeting of the Board of Management on 08.04.2023 (SATURDAY).

The Board Meeting will be conducted at the International Conference Hall of this Institution and it will commence at 10.30 a.m.

We shall be thankful, if you make it convenient to attend the Board meeting, participate in the discussions and offer your valuable suggestions on different agenda items at the meeting.

Thanking you,

Yours sincerely,
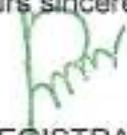
REGISTRAR
Prof. Dr. E. Kannan
Registrar

Encl: Agenda of the 54th 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)

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MINUTES OF 53rd MEETING OF
BOARD OF MANAGEMENT
on 07.01.2023 AT 10.30 a.m.
Mode : Video Conferencing.

MEMBERS

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

2. Prof.V.Srinivasa Rao,   Dean Faculties Nominee
   Dean, School of Computing,
   Vel Tech.

3. Dr. M. Sivakumar,   Dean Faculties Nominee
   Dean (FME),
   Vel Tech.

4. Dr.B.Venkatraman,   Chancellor Nominee
   Director,
   Indira Gandhi centre for Atomic Research (IGCAR),
   Kalpakkam, Tamil Nadu.

5. Dr. H.S. Shan,   Chancellor Nominee
   Emeritus Professor, IIT Roorkee
   3072, SBI Officers Society,
   Sector 49-D, Chandigarh - 160047.

6. Dr.V.Jagadeesh Kumar,   Chancellor Nominee
   Professor,
   Department of Electrical Engineering,
   Indian Institute of Technology Madras,
   Chennai-600036.

7. Dr.A.T.Ravichandran,   Professor Nominee
   Dean (Academics),
   Vel Tech.

8. Dr. P. Chandrakumar,   Representing Associate Professors
   Dean (Industry Relations),
   Vel Tech.

9. Mrs. Rangarajan Mahalakshmi Kishore,   Sponsoring Trust Nominee
   Chairperson and Managing Trustee.
   Vel Tech.

10. Dr. Sagunthala Rangarajan,   Sponsoring Trust Nominee
    Foundress President,
    Vel Tech.

11. Prof.S.P.Thyagarajan,   Sponsoring Trust Nominee
    Chancellor,
    Avinashilingam Institute for
    Home Science and Higher Education
    for Women (Deemed to be University)
    Coimbatore-641043.

12. Prof.P.Radhakrishnan,   Sponsoring Trust Nominee
    Formerly Director,
    PSG Institute of Advanced Studies,
    Coimbatore-641004.

13. Dr. E. Kannan,   Secretary
    Registrar,
    Vel Tech.

A. Opening

The Chairperson welcomed all the members of the BoM for participating in the Meeting. He highlighted some of the academic activities related to the Winter Semester such as the commencement of classes, conduct of End Semester Examinations and the proceedings of the convocation held in November 2022. He also informed the arrangements which are being made for the successful conduct of LAVAZA 2023, inter-collegiate mega fest on 9th to 11th February 2023. The Chairperson has also informed the programme of visit of NAAC Peer Team on 31-01-2023 to 02-02-2023. After the Welcome address, the proceedings started.

53.1 To record the notice convening the 53rd Board of Management meeting scheduled on January 07, 2023.

The Meeting Notice to the members of the Board has been sent on 22.12.2022. A copy of the Meeting Notice is placed at Appendix-A.

A. 53rd BoM Meeting Notice

Appendix-A Click here

RESOLVED to record the notice convening the 53rd Board of Management meeting scheduled on January 07, 2023.

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

All the members of the BoM including the special invitees have attended the BoM Meeting.

53.3 To report and record the minutes of the 52nd BoM meeting held on October 15, 2022.

A copy of the Minutes of the 52nd BoM held on October 15, 2022 is placed at Appendix-B.

Appendix-B Click here

RESOLVED to record the Minutes of the 52nd BoM held on October 15, 2022.

53.4   To inform the board about the actions taken based on the minutes of the 52nd BoM meeting held on October 15, 2022.

The Action Taken report on the Agenda items relating to the BoM Meeting held on October 15, 2022 is given below:

Table 1: Action Taken Report

Item No.	Subject	Decision	Action Taken
52.7	1. Exemption from scopus publications in respect of the faculty and students of the Dept. of English. 2. Payment of honorarium to the research supervisors for guiding Ph.D. research work.	1. The Board considered the recommendations of the Research Board and RESOLVED to recommend that appropriate journals listed under UGC care list may be taken into consideration for publications in cases wherever there are some specific impediments for scopus publications, as a special case. 2. ALSO RESOLVED not to recommend the proposal of paying honorarium to the research supervisors for guiding Ph.D. research work and only publications in the quality journals are to be encouraged and rewarded appropriately.	Necessary modifications have been made in the corresponding recommendations of the Research Board for implementation.

RESOLVED to record the Action Taken Report of the 52nd BoM held on October 15, 2022.

Item No.	Subject	Decision	Action Taken
52.11	IQAC Guidelines.	The Board considered the IQAC Guidelines and RESOLVED that analytical report indicating the outcome of initiatives taken under various parameters of the IQAC guidelines and the levels of achievements will be submitted in the forthcoming BoM meeting for discussion and approval.	The Analytical report indicating the outcome of initiatives taken under various parameters of the IQAC guidelines and the levels of achievement is placed in the Aganda item no. 53.11 for consideration and approval.
52.12	Faculty Retention Scheme .	The Board considered the Faculty Retention Scheme and RESOLVED that a report on the impact of Faculty Retention Scheme in detail will be submitted at the forthcoming meeting for discussion.	A report on the impact of Faculty Retention Scheme is placed in the Agenda item No.53.10 for discussion and approval.
52.13	Report on the role and achievement of the office of the International Relations.	The external members have suggested the following points: 1. The international relations should be improved and universities with whom Vel Tech associates must be within the top 1000. 2. The collaboration with institutions like Nanyang Technological University (NTU), Singapore should be strengthened and at least 20 faculty members must be given an option to spend some time at NTU, the impact of which can be studied periodically. 3. Nanyang Technological University (NTU), Singapore has a scheme of working with Indian Universities and it may involve some investment and requested the Vice Chancellor to consider this proposal.	The suggestions of the members are taken into account for strengthening the International Relations.

53.5 To report the agenda for the 53rd BoM meeting scheduled on January 07, 2023.

A copy of the Agenda for the 53rd BoM meeting scheduled on January 07, 2023 is placed at Appendix-C.
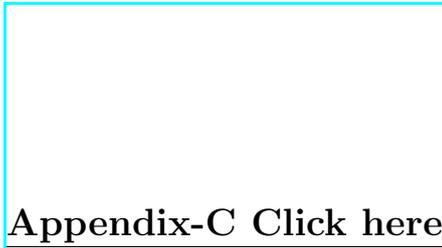
C. 53rd BoM Agenda

Appendix-C Click here

RESOLVED to record the Agenda for the 53rd BoM meeting scheduled on January 07, 2023.

B. Items for Consideration and Approval

53.6 To consider and approve the minutes of 29th Finance Committee meeting held on November 28, 2022.

A copy of the Minutes of the 29th meeting of the Finance Committee held on November 28, 2022 is placed at Appendix-D.

The Finance Officer presented the Minutes of the 29th Meeting of the Finance Committee held on November 28,2022. While presenting the minutes, the Finance Officer pointed out the decision taken at the FC meeting with regard to appropriation of budget to be made by transferring funds from one account to the other based on merit and availability of funds without detrimental to the original budget along with the other proceedings of the Minutes in detail.

D.29th FC Minutes

Appendix-D Click here

RESOLVED approve the minutes of 29th Finance Committee meeting held on November 28, 2022.

53.7 **To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on October 15, 2022.**

The details of the results of the Ph.D. viva-voce conducted since the last BoM meeting held on October 15, 2022, furnished by Controller of the Examinations are given at the Appendix-E.

E. Ph.D. Viva-Voce Results

Appendix-E Click here

Dr. S Sivaraman, Controller of Examinations presented the details of research scholars who took the Viva Voce examinations under the supervision of different Research Supervisors and came out successfully at the Viva Voce Examinations conducted since the last BoM meeting held on October 15, 2022.

RESOLVED to approve and record the results of the Ph.D. Viva Voce examinations conducted since the last BoM Meering held on October 15,2022.

C. Items for Discussions and Decisions

53.8 **To discuss the proposed intake of students to different UG and PG programmes of this Institution for the Academic year 2023-24.**

The proposed intake of students to different UG and PG programmes of this Institution for the Academic year 2023-24 is given below:

PROPOSED INTAKE FOR THE ACADEMIC YEAR 2023-24.

Table 2: UNDER GRADUATE - ENGINEERING PROGRAMMES

S.No.	Programme	Proposed Intake 2023-24
1	AERONAUTICAL ENGINEERING	60
2	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60
3	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60
4	BIOMEDICAL ENGINEERING	60
5	BIOTECHNOLOGY	60
6	CIVIL ENGINEERING	60
7	COMPUTER SCIENCE & ENGINEERING	1104
8	COMPUTER SCIENCE AND DESIGN	60

S.No.	Programme	Proposed Intake 2023-24
9	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	60
10	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	60
11	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	60
12	ELECTRICAL AND ELECTRONICS ENGINEERING	60
13	ELECTRONICS & COMMUNICATION ENGINEERING	480
14	INFORMATION TECHNOLOGY	60
15	MECHANICAL ENGINEERING	60
	TOTAL	2364

Table 3: POST GRADUATE - PROGRAMMES

S.No.	Programme	Proposed Intake 2023-24
1	AERONAUTICAL ENGINEERING (UNMANNED AERIAL VEHICLE)	18
2	BIG DATA ANALYTICS	18
3	BIOTECHNOLOGY	18
4	COMPUTER SCIENCE AND ENGINEERING	18
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	18
6	ENVIRONMENTAL ENGINEERING	18
7	INDUSTRIAL SAFETY AND ENGINEERING	18
8	INFORMATION AND CYBER SECURITY	18
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18
10	NETWORK ENGINEERING	18
11	POWER ELECTRONICS	18
12	STRUCTURAL ENGINEERING	18
13	MASTER OF BUSINESS ADMINISTRATION	120
	TOTAL	336

Table 4: UNDER GRADUATE and POST GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No.	Programme	Proposed Intake 2023-24
1	B.Com.	360
2	B.B.A	60
3	B.SC VISUAL COMMUNICATION	30
4	B.SC MULTIMEDIA	30
5	B.A. L.L.B (Hons.)	120
6	B.Com. L.L.B (Hons.)	120
7	M.A., English	30
8	M.Sc., Mathematics	30
9	M.Sc., Physics	30
10	M.Sc., Chemistry	30
11	M.Sc., Data Analytics	30
	TOTAL	870

Prof. H.S.Shan pointed out the strength of the students of Civil Engineering and PG programmes which are continuously on the decreasing side and he suggested that suitable action may be taken to improve the intake of students or to wind-up those

PG programmes for which the strength is poor for the successive two years or so. The Chairperson assured that necessary action would be taken on this matter.

RESOLVED to approve and record the proposed intake of students to different UG and PG programmes for the Academic Year 2022-23.

53.9 To discuss the draft UGC regulations for the deemed to be universities at the advent of National Education Policy (NEP) 2020.

The Registrar highlighted some important features of the UGC(Institutions deemed to be Universities) 2022 placed at appendix F such as

1. The Chancellor appointed by the Sponsoring body is not eligible for re-appointment.

2. Removal of the position of Pro Chancellor.

3. Vice Chancellor is not eligible for re-appointment.

4. Reduction of the nominees from sponsoring body from 4 to 2 in the Board of Management..

5. No external eminent academics as members on the Board of Management

6. Incluion of more number of internal faculty members on the Board of Manageemnt .

7. Corpus fund: 25 crore as againt 10 crores in the previous Regulations The tenure of appointment for Registrar, Finance Officer and Controller of Examinations will be 5 years and they are eligible for the second term.

8. Posting of Deans by the Vice Chancellor from amongst the professors from school by rotation in the order of seniority for 3 years.

9. Abolition of Planning and Monitoring Board.

10. Changes in the frequency of conducting statutory meetings in an academic year.

F. UGC draft Regulations

Appendix-F Click here

RESOLVED to record the draft UGC regulations for the deemed to be universities at the advent of National Education Policy (NEP) 2020.

53.10 To discuss the report on the impact of Faculty Retention Scheme in force.

Prof. R.S. Valarmathi, Dean (Quality Assurance) presented the impact of the Faculty Retention Scheme in force and pointed out the initiatives taken in this regard in her detailed presentation given at Appendix G.

1. Publication incentives SCI/Scopus publications.

2. Funded Project allocation to faculty members.

3. Allowing faculty members for FDP/Workshops/Seminars.

4. Liberalization in the Revenue sharing between PI and Institute.

5. Categorization of faculty members under A,B,C for inducing them to do Projects

6. Sanction and allocation of SEED money for research purposes

7. Reduction in the faculty exit in the last two years etc.

8. Imparting training to the faculty members in writing research proposals and other guidelines etc.

9. Reducing the academic work load of the faculty members coming under A and B categories by shifting them to Research Park in order to concentrate more on the work related to research and Funded projects with the minimized academic work load.

10. Encouraging faculty members to do Ph.D.

Prof. R.S. Valarmathi presented the revision of pay and increments awarded to the faculty members especially from the Department of CSE and ECE. She also informed that the Exit ratio of faculty members has been considerably reduced in the last two years because of those promotional activities.

Prof.S.P Thyagarjan appreciated the initiative taken in this regard. However he emphasised on Factual analysis in terms of the Ratio between incentives offered and achievements resulted. He pointed out that only lesser number of faculty members are coming under A and B categories, whereas 75 % to 80 % are still in the category C which does not reflect the kind of efforts that the Institution is taking. He suggested to seek possible mechanism for attaining the desired output for which micro analysis is necessary so as to explore what needs to be done to bring out the research talents and to foster project development. Prof. S.P. Thyagarajan has also pointed out the citation number which is very less at the moment indicated under category A is not encouraging, it should be in 100s.

G. Faculty Retention Scheme

Appendix-G Click here

RESOLVED to approve and record the report on the impact of Faculty Retention Scheme in force and the suggestions of the external members with regard to Publications, Project Development, Citations and other research activities be taken into consideration for implementation.

53.11 To discuss the initiatives taken under various parameters of the IQAC guidelines and the levels of achievements by the Institution.

Some of the highlights of the detailed presentation of Prof. R.S. Valarmathi, Dean (Quality Assurance) given at Appendix H on various parameters of the IQAC guidelines and the levels of achievements by the Institution are given below:

1. Increase in the student enrolment.

2. Constantly maintaining the Faculty Student Ratio.

3. Increase in the Publication vs citation per faculty with for three years

4. Increase in the percentage of appointment of faculty members with Ph.D.

5. Increase in the MoU executed

6. Increase in the percentage of students admitted vs graduated.

In answering to the query of Dr. Venkataraman regarding MoUs executed in the newer areas, Dr. P. Chandrakumar, Dean (Industry Relations) replied that the most of the MoUs executed are between the Institution and the IT sectors. Prof. E. Kannan has replied to Dr. Venkataraman for his another query relating to the number of Ph.D Scholars by stating that there are 558 Ph.D scholars, out of which 101 are Full time scholars, 178 are Part time Internal scholars and 278 are Part time External scholars.

Prof.S.P Thyagarjan suggested that nodal officers can be appointed to handle the work of MoUs as it would be much difficult for a VC or a Dean to concentrate on this work amidst hectic academic schedule. He has also pointed out that a enrolment of a large number of Part time Ph.D scholars is a point of criticism and the Institution should take all possible steps to increase the strength of full time scholars.

H. IQAC guidelines

Appendix-H Click here

RESOLVED to approve and record the initiatives taken under various parameters of the IQAC guidelines and the levels of achievements reported and the suggestions of the External members be taken into consideration for implementation.

D. Items for Ratification

53.12 **To ratify the recommendations of the Faculty Selection Committee since last meeting of the BoM held on October 15, 2022.**

Prof. E. Kannan presented the details of the faculty members appointed since last meeting of the BoM held on October 15, 2022 as given below in the Appendix -I.

I. Faculty Selection

Appendix-I Click here

RESOLVED to approve and record the details of the faculty members appointed since last meeting of the BoM held on October 15, 2022.

E. Items for Reporting

53.13 **To report the board with regard to the preparedness of this Institution for the visit of NAAC peer team in last week of January 2023.**

Prof. R.S. Valarmathi, Dean (Quality Assurance) explained as how the Institution is getting ready for the visit of the UGC Peer team in connection with the NAAC accreditation and detailed some of the preparatory arrangements such as the visits to be undertaken to the departments to ascertain the maintenance of laboratory and laboratory equipments, stake holder interaction, inviting external Mock committee, conducing sports in commemoration of 25th year of celebration and fulfilment of other requirement according to different quantitative and qualitative metrics. Prof. S.P. Thyagarajan suggested that the Mock team comprising of expert members need to visit the institution for some kind of academic auditing. The enrolment process for the Academic Bank should be completed and atleast 80% students should have been registered. Prof. S.P. Thyagarajan has also suggested that special emphasis must be given to NAAC Criterion 7 relating to environment, sustainable goals and development etc. and no metric should be left unattended to. The proposal for starting UG 4 year degree course as per the guidelines of NEP 2020 should be presented, if available. Any other proposal in line with the NEP should be presented at the time of discussion.

J. Preparedness for NAAC PTV

Appendix-J Click here

RESOLVED to record the report the preparedness of Vel Tech for the visit of NAAC peer team in last week of January 2023.

53.14 To report the sanctioned strength and the count of admitted students for the Academic year 2022-23.

Prof. E. Kannan presented the sanctioned strength and the count of admitted students for the Academic year 2022-23 as per the statements given below:

STUDENT INTAKE FOR THE ACADEMIC YEAR 2022-23

Table 5: UNDER GRADUATE - ENGINEERING PROGRAMMES

S.No.	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted Count			
					Domestic	NRI	Foreign Nationals	Total
1	AERONAUTICAL ENGINEERING	60	9	69	22	-	4	26
2	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60	9	69	60	9	-	69
3	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60	9	69	60	9	-	69
4	BIOMEDICAL ENGINEERING	60	9	69	60	6	3	69
5	BIOTECHNOLOGY	60	9	69	60	9	-	69
6	CIVIL ENGINEERING	60	9	69	14	-	-	14
7	COMPUTER SCIENCE & ENGINEERING	1104	166	1270	1104	162	-	1266
8	COMPUTER SCIENCE AND DESIGN	60	9	69	60	8	1	69
9	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	60	0	60	60	-	-	60
10	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	60	0	60	59	-	-	59
11	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	60	0	60	59	-	-	59

S.No.	Programme	Approved Intake as per AICTE	Supernu merary Seats (15% Addi-tional to Intake)	Total Ap-proved Intake	Admitted Count			
					Domestic	NRI	Forei gn Na-tionals	Total
12	ELECTRICAL AND ELEC-TRONICS ENGINEERING	60	9	69	44	-	2	46
13	ELECTRONICS & COMMUNI-CATION ENGINEERING	480	72	552	480	70		550
14	INFORMATION TECHNOL-OGY	60	9	69	60	8	-	68
15	MECHANICAL ENGINEER-ING	60	9	69	23	-	-	23
	TOTAL	2364	328	2690	2225	281	10	2516

Table 6: POST GRADUATE - PROGRAMMES

S.No.	Programme	Approved Intake as per AICTE	Supernu merary Seats (15% Addi-tional to Intake)	Admitted Count			
				Total Ap-proved Intake	Domestic	NRI	Total
1	AERONAUTICAL ENGI-NEERING (UNMANNED AERIAL VEHICLE)	18	-	18	2	-	2
2	BIG DATA ANALYTICS	18	-	18	6	-	6
3	BIOTECHNOLOGY	18	-	18	10	-	10
4	COMPUTER SCIENCE AND ENGINEERING	18	-	18	5	-	5
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	18	-	18	12	-	12
6	ENVIRONMENTAL ENGI-NEERING	18	-	18	9	-	9
7	INDUSTRIAL SAFETY AND ENGINEERING	18	3	21	18	3	21
8	INFORMATION AND CYBER SECURITY	18	-	18	3	-	3

S.No.	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Admitted Count			
				Total Approved Intake	Domestic	NRI	Total
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18		18	18	-	18
10	NETWORK ENGINEERING	18	-	18	0	-	0
11	POWER ELECTRONICS	18		18	8	-	8
12	STRUCTURAL ENGINEERING	18	-	18	6	-	6
13	MASTER OF BUSINESS ADMINISTRATION	120	18	138	120	18	138
	TOTAL	336	21	357	217	21	238

Table 7: UNDER GRADUATE and POST GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No.	Programme	Approved Intake	Total Admitted Count
1	B.Com.	240	214
2	B.B.A	60	60
3	B.SC VISUAL COMMUNICATION	30	27
4	B.SC MULTIMEDIA	30	16
5	B.A. L.L.B (Hons.)	120	119
6	B.Com. L.L.B (Hons.)	120	117

Table 8: UNDER GRADUATE and POST GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No.	Programme	Approved Intake	Total Admitted Count
7	M.A., English	30	3
8	M.Sc., Mathematics	30	13
9	M.Sc., Physics	30	23
10	M.Sc., Chemistry	30	30
11	M.Sc., Data Analytics	30	21
	TOTAL	750	643

Prof.E.Kannan pointed out that, as the intake of B.Tech. (CSE) has been increased and there is a reduction of intake in few programmes, the total number of faculty at present in all the programmes is 751. The existing FSR is 1:15.

RESOLVED to approve and record the sanctioned strength and the count of admitted students for the Academic year 2022-23.

FURTHER RESOLVED to approve and record the FSR ratio which is now at 1:15 as per norms.

53.15 **To report and record the placement and Training activities of the office of the campus to corporate during the academic year 2022-23.**

Dr. Vijayaraman, Dean (Campus to Corporate) presented the significant activities of office of the Campus to Corporate during the academic year 2022-23 and the descriptive details are given in the Appendix-K.

K. Campus to Corporate

Appendix-K Click here

Dr. Vijayaraman, Dean (Campus to Corporate) in answering to the query of Prof. S.P. Thyagarajan has clarified that the number of students included in the Placement Drive is inclusive of the students who had backlog / arrears without a ny filtrations or so. He has also pointed out that some students intending to go for PG or higher studies do not attend Placement drive. Prof. Jagadeesh kumar has appreciarted the initiatives taken by the office of the Dean (Campus to Corporate and suggested to increase the number of students to be placed through the Campus interviews to the extent possible. Prof. S.P. Thyagarjan has also pointed out that the data relating to the students going abroad after successful completion of GRE /TOEFL examinations and the kind of support that the institution is extending etc. should also to be included in the report in future.

RESOLVED to record the placement and Training activities of the office of the campus to corporate during the academic year 2022-23.

53.16 **To discuss the significant activities of office of the Industry Relations and their proposed activities till May 2023.**

Dr. P. Chandra Kumar, Dean (Industry Relations) will present the significant activities of office of the Industry Relations and the proposed activities till May 2023 as in the Appendix-L.

L. Industry Relations

Appendix-L Click here
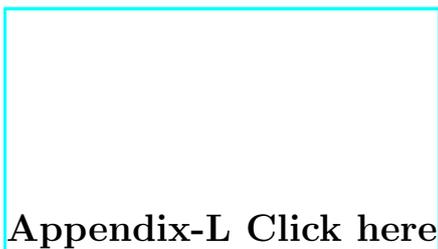
Dr. P. Chandrakumar presented the the details of activities conducted / proposed to be conducted under the headings InPlant Training, Industry Projects, MooU signed, Consultancy Projects, Skill Development courses, Corporate Talk and Corporate Tour etc. in detail as given in the appendix I. Prof. Jagadeeshkumar appreciated the Dean (Industry Relations) for his active role in co-ordinating the industry related activities.

RESOLVED to record the activities of office of the Industry Relations and their proposed activities till May 2023.

53.17 To report and record the minutes of the meetings of the following coordinating and advisory committees.

The minutes of the corresponding advisory committees are given in the hyperlinks.

1. Dial your university (Institution – Parents interaction live programme)

2. Student council

3. Hostel discipline committee

RESOLVED to approve and record the minutes of the advisory and coordinating committees.

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

The Action Taken Report on the letters received / submitted from MHRD/ UGC/ AICTE/ BCI since the last BoM meeting held on October 15, 2022 will be presented at the time of meeting.

Table 9: Letters Received / Submitted from / sent to MHRD /UGC/AICTE/BCI

S.No.	From	Ref.No and Date of receipt	Subject	Action taken
1.	Vel Tech	Ref. No. VT/R/L/BCI/22-23/046 24.11.22 .	Extension of Approval of UG Law Courses 2022-23 – Submission of Compliance Report.	Compliance report was sent to BCI .

RESOLVED to record the letters received / submitted from MHRD/ UGC/ AICTE/ BCI since the last BoM meeting held on October 15, 2022.

53.19 **To report and record the Resolutions passed through circulation by the members of BoM with regard to conduct of 12th convocation held on 5th and 6th of November 2022.**

Prof. E. Kannan presented the Minutes of the BoM Circulation meeting which is placed at Appendix-M. He has informed that the agenda of the meeting was circulated to all the members due to paucity of time and the members have accepted the proposal of conducting the convocation with the special Guests and award of honorary causa to Dr. BVR Mohan Reddy Founder Chairman / Vice Chairman, NASSCOM Hyderabad, Telangana, India.at the convocation.

M. BoM Circulation Minutes

Appendix-M Click here

RESOLVED record the minutes passed through circulation by the members of BoM with regard to conduct of 12th convocation held on 5th and 6th of November 2022.

F. Concluding

53.20 **Any other item with the permission of the Chairperson.**

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

53.21 **To consider and approve the date for holding the next BoM meeting**

It has been decided that the next meeting of the BoM may be fixed tentatively in the third or fourth week of April preferably on Saturdays.

Vote of Thanks.

Prof. E. Kannan thanked all the members of the BoM for having actively participated in the discussions. He ensured the suggestions of the External members on different agenda items would be taken into account and incorporated in the minutes which will be sent to all the members in due course. He has also requested the external members to offer their valuable suggestions to help the Institution to do exceedingly well at the time of the NAAC Peer Team visit preferably thorough mail. With the vote of thanks, the meeting has come to a close.

Appendix A

53$^{\text{rd}}$ BoM Meeting Notice

Date:

22.12.2022

Ref. No. VT/R/MN-BoM/22-23/03-6

To

The Members of the Board of Management
Vel Tech

Sir,

Sub: 53rd Meeting of the Board of Management to be held on 07.01.2023 – Invitation – Reg.

I am, by direction, to inform that the Vice Chancellor is pleased to convene the 53rd Meeting of the Board of Management on 07.01.2023 (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 53rd BoM Meeting.

Appendix B

52$^{\text{nd}}$ BoM Meeting Minutes

**MINUTES OF 52nd MEETING OF
BOARD OF MANAGEMENT
on 15.10.2022 AT 10.30 a.m.
Mode: Video Conference**

MEMBERS

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

2. Prof.V.Srinivasa Rao,   Dean Faculties Nominee
   Dean, School of Computing,
   Vel Tech.

3. Dr. M. Sivakumar,   Dean Faculties Nominee
   Dean (FME),
   Vel Tech.

4. Dr.B.Venkatraman,   Chancellor Nominee
   Director,
   Indira Gandhi centre for Atomic Research (IGCAR),
   Kalpakkam, Tamil Nadu.

5. Dr. H.S. Shan,   Chancellor Nominee
   Emeritus Professor, IIT Roorkee
   3072, SBI Officers Society,
   Sector 49-D, Chandigarh - 160047.

6. Dr.V.Jagadeesh Kumar,   Chancellor Nominee
   Professor,
   Department of Electrical Engineering,
   Indian Institute of Technology Madras,
   Chennai-600036.

7. Dr.A.T.Ravichandran,   Professor Nominee
    Dean (Academics),
    Vel Tech.

8. Dr. P. Chandrakumar,   Representing Associate Professors
    Dean (Industry Relations),
    Vel Tech.

9. Mrs. Rangarajan Mahalakshmi Kishore,   Sponsoring Trust Nominee
    Chairperson and Managing Trustee.
    Vel Tech.

10. Dr. Sagunthala Rangarajan,   Sponsoring Trust Nominee
    Foundress President,
    Vel Tech.

11. Prof.S.P.Thyagarajan,   Sponsoring Trust Nominee
    Chancellor,
    Avinashilingam Institute for
    Home Science and Higher Education
    for Women (Deemed to be University)
    Coimbatore-641043.

12. Prof.P.Radhakrishnan,   Sponsoring Trust Nominee
    Formerly Director,
    PSG Institute of Advanced Studies,
    Coimbatore-641004.

13. Dr. E. Kannan,   Secretary
    Registrar,
    Vel Tech.

A. Opening

The Chairperson extended a warm welcome to the members of the Board of Management. The Chairperson highlighted important academic activities took place since the last BoM meeting held on October 15,2022 such as Induction Programme, commencement of classes, extension of approval for Law UG programmes by BCI, NIRF ranking the institution at 84th position, extension of NBA status to five of the departments for another 3 years, NAAC status, participation of this Institution in the Marathon conducted by the commissionerate of Police as a co-sponsor etc.

The proceeding started after the welcome address of the Chairperson.

52.1 **To record the notice convening the 52nd Board of Management meeting scheduled on October 15, 2022.**

The invitation sent to the members for the 52nd BoM Meeting on 29.09.2022 is placed at Appendix-A.

A. 52nd BoM Meeting Notice

Appendix-A Click here

RESOLVED to approve and record the Meeting Notice relating to 52nd meeting of the Board of Management held on October 15,2022.

52.2 **To inform the board about the leave of absence of the members.**

All the members of the Board of Management have participated in the online meeting. The special invitee of the meeting Dr. Prabhakaran,Chief Librarian expressed his inability to attend the meeting due to sudden hospitalization of his wife. On behalf of Dr. Prabhakaran Mr. S. Parasuraman, Senior Asst. Librarian has attended the meeting.

RESOLVED to record the leave of absence of Dr. Prabhakaran due to unavoidable reasons.

52.3 **To report and record the minutes of the 51st BoM meeting held on May 28, 2022.**

The minutes of the meeting of the 51st BoM were sent to all the members for approval and a copy of the approved minutes of the 51st meeting of the BoM meeting held on May 28, 2022 is placed in the Appendix-B.

B. 51st BoM Meeting Minutes

Appendix-B Click here

RESOLVED to approve and record the minutes of the 51ˢᵗ meeting of the BoM meeting held on May 28, 2022.

52.4   To inform the board about the actions taken based on the minutes of the 51ˢᵗ BoM meeting held on May 28, 2022.

The actions taken based on the minutes of the 51ˢᵗ BoM meeting held on May 28, 2022 are given in the following table:

Table 1: Action Taken Report

Item No.	Subject	Decision	Action Taken
51.4	Action Taken Report of the 51ˢᵗ BoM held on May 28,2022.	As pointed out by Prof. S.P. Thyagarajan, External Member the Report / Feedback Analysis on the following are to be presented in detail: • IQAC Guidelines on Quality Analysis of Vel Tech. • Initiatives taken under Faculty Retention Scheme to curtail frequent exit of qualified teacher from Vel Tech.	• The note on the IQAC Guidelines on Quality Assurance is placed under Agenda Item 52.11 for consideration and approval. • The initiatives taken with regard to FRS (Faculty Retention Scheme) are placed under Agenda item 52.12 for consideration and approval.

Item No.	Subject	Decision	Action Taken
51.6	Minutes of the 39th Meeting of the Academic Council.	Prof. H.S. Shan suggested to carry out the following corrections in the Syllabi and text books : • The text books and reference books suggested should be in order. • To avoid repetition of same books under Reference and Text books categories. • To follow standard uniform format for mentioning the names of the authors and titles. • To use capital or small letters for indicating authors and publications in appropriate in the syllabi places uniformly.	As suggested by the BoM External member,the corrections have been incorporated in the appropriate places in the minutes of the ACM, which have been duly verified and approved by the members of the for adaption.
51.10	Strategic Plan 2021-26.	Board has advised to consider inclusion of the following aspects in Strategic Plan: • Object Oriented Education and Principles related to programme outcomes under the curricular reforms. • Inclusion of configurations for research oriented work and projects. • Inclusion of Twin Degrees, Sandwich courses. • Adding Visiting professors profile. • Inclusion of analytical surveys and X factors of the Institution. • Taking UGC website model on Institutional Development Plan for designing.	As suggested by the External Member, the deans concerned have been requested to make necessary modifications in the Strategic Plan 2021-26 accordingly for adaption.
51.13	Proposed intake of students for UG and PG programmes for 2022-23.	Prof. H.S. Shan suggested Closure of any PG programme for which the intake is less than the threshold number (at least 5 or 6), considering Institution's economic viability.	As suggested by the External member, MBA (Innovation, Entrepreneurship and Venture Development) has been closed due to poor intake of students.

RESOLVED to approve and record the Action Taken Report on the agenda items of the 51st meeting of the BoM held on May 28,2022.

52.5 **To report the agenda for the 52ⁿᵈ BoM meeting scheduled on October 15, 2022.**

The agenda of the 52ⁿᵈ meeting of the BoM, scheduled on October 15, 2022 is placed in the Appendix-C for approval.

C. 52ˢᵗ BoM Agenda

Appendix-C Click here

RESOLVED to approve and record the agenda of the 52ⁿᵈ meeting of the BoM, scheduled on October 15, 2022.

B. Items for Consideration and Approval

52.6 **To consider and approve the minutes of 40ᵗʰ Academic Council meeting held on October 8, 2022.**

The Dean (Academic) (i/c) presented the significant resolutions passed at the Academic Council held on October 8,2022 such as feasibility and sustainability of starting certificate programmes in Vel Tech and the decision of the Academic council to keep the proposal at abeyance for the present. Apart from that the Dean (Academic) informed the BoM about the suggestions made by the external members with regard to inclusion of ARM process as course content, Ethernet communications protocol, GRRS, 4G,5G in the syllabus of ECE branch and the acceptance of the Academic council for those proposals. .

D.40ᵗʰ ACM Minutes

Appendix-D Click here

RESOLVED to approve and record the 40ᵗʰ Academic Council meeting held on October 8, 2022.

52.7 **To consider and approve the minutes of the 23ʳᵈ meeting of the Research Board held on September 24, 2022.**

The Dean presented significant decisions taken at the Research Board on the following topics:

1. Grant of exemption from scopus publication for faculty and research scholars of the Dept. of English.

2. Issuance of Transfer Certificates to the research scholars.

3. Award of Rs.10,000/- towards honorarium payable to the research supervisors for their significant contributions.

4. Issuance of certificate of recognition to the outstanding theses and publications.

5. Proposal for offering post doctoral programmes at Vel Tech.

A copy of the Minutes of the 23rd meeting of the Research Board held on September 24, 2022 is given in the Appendix-E.

E. 23rd Minutes of Research Board

Appendix-E Click here

Prof. S.P. Thyagarajan, External member is of the opinion that exemption from publications from scopus indexed journals is a retrogressive attempt in the sense that it would have an adverse effect on maintaining the quality of the institution like Vel Tech. There are lot of journals in the UGC care list for English subject taking into consideration of publications of papers. He pointed out that grant of exemption would also set a bad precedence. With regard to the honorarium to the Research supervisors, he has pointed out that the research work is part and parcel of the faculty members according to the UGC norms and there is no need to pay any extra allowances or honorarium for this work. However, quality publications in reputed international journals can be encouraged with financial support or whatsoever.

Dr.B.Venkataraman, External member echoed the same view and stated that the issue may be dealt with carefully. Speaking on award of honorarium, the External member accepted the proposal for the award of honorarium which must be performance and quality oriented.

Dr.V.Jagdeesh Kumar, External member suggests that the quality of the publications may be checked by forming an expert committee to decide the quality and acceptability of the journals after classifying them under Tier1, Tier2 or Tier3 categories for the purpose of approving them or the BoS may be empowered to decide the quality of publications appropriately.

Prof.H.S.Shan sought clarification as to the procedure adapted in case of issuance of Transfer Certificates to the Ph.D. scholars. Prof.E.Kannan in his reply stated that the practice of issuance of TC to the Ph.D. scholars is not in existence and some of the scholars are demanding transfer certificates for pursuing PG degree programmes after the award of Ph.D. and in such cases, the Post Graduate TCs of their own are returned to them. The Research Board has also not approved issuance of TC for the completion of Ph.D. programme to any scholar.

After elaborate discussions, Prof. S.P.Thyagarajan suggested via media solution by suggesting that the research scholars from specific disciplines wherever there are problems if any, in publishing journals in the scopus may be allowed for publication in the journals coming under UGC care lists taking into consideration of the requirements and parameters of the Ranking and accreditation bodies which are emphasising quality in the research and publications.

RESOLVED to approve the recommendations of the 23rd meeting of the Research Board held on September 24, 2022.

FURTHER RESOLVED to recommend that appropriate journals listed under UGC care list may be taken into consideration for publications in cases wherever there are some specific impediments for scopus publications, as a special case.

ALSO RESOLVED not to recommend the porposal of paying honorarium to the research supervisors for guiding Ph.D. research work and only publications in the quality journals be encouraged and rewarded appropriately..

52.8 **To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on May 28, 2022.**

The details of result of the Ph.D. viva-voce conducted since the last BoM meeting held on May 28, 2022 furnished by the Controller of Examinations are given in the Appendix-F placed below.

F. Ph.D. Viva-Voce Results

Appendix-F Click here

RESOLVED to approve and record the the results of the Ph.D. viva-voce conducted since the last BoM meeting held on May 28, 2022.

52.9 **To consider the proposal for the conduct of 12th convocation in November.**

It is submitted that it has been proposed to conduct 12th convocation in the month of November 2022. There are 2376 graduands expected to be awarded degrees at the two days 12th convocation. Apart from the regular graduants, it has been decided to honour renowned academicians / scientists at the convocation by conferring on them the honorary degrees (Honorary Causa) in recognition of their outstanding achievements in the areas of Science, Arts, Engineering and Technology.

Invitation has been sent to Prof. V.Kamakoti, Director, Indian Institute of Technology, Madras, Chennai 600 036 for his consent to be the Chief Guest of 12th Convocation Prof. V. Kamakoti has won multiple accolades, including the Abdul Kalam Technology Innovation National Fellowship, 2020 and the DRDO Academy Excellence Award, 2013. He has 44 research publications till date. He is also member of the National Security Advisory Board. The reply from him is awaited. In addition to Dr.V.Kamakoti, it has been decided to confer honorary causa on other eminent personalities at the 12th Convocation. It is also submitted that the honourable members may suggest the names of a few eminent personalities to be considered for the conferment of honorary degrees.

RESOLVED to approve the proposal submitted for the conduct of 12th convocation.

52.10   **To consider and approve the award of degrees for the 12th convocation to the successful students of UG & PG and Scholars of Ph.D. programmes, who have passed the qualifying examination.**

The list of students and research scholars to be awarded degrees in their respective disciplines, furnished by the Controller of Examinations are given below.

Table 2: Award of Degrees at the 12th Convocation

S.No	Details	Count
1	B.TECH. REGULAR (2018 ADMITTED BATCH)	1867
2	B.TECH. (PASSED OUT BATCHES-CBCS, A&B REGULATIONS)	128
3	M.TECH. REGULAR (2020 ADMITTED BATCH)	95
4	M.TECH. (PASSED OUT BATCHES)	2
5	M.B.A. REGULAR (2020 ADMITTED BATCH)	63
6	M.B.A. (PASSED OUT BATCHES)	4
7	B.Sc. REGULAR (2019 ADMITTED BATCH)	25
8	M.Sc. REGULAR (2020 ADMITTED BATCH)	55
9	M.A. REGULAR (2020 ADMITTED BATCH)	7
10	B.B.A. REGULAR (2019 ADMITTED BATCH)	31
11	B.COM. REGULAR (2019 ADMITTED BATCH)	54
12	B.COM., B.B.A. & B.Sc. (PASSED OUT BATCHES)	10
13	Ph.D.	35
	TOTAL	2376

RESOLVED to approve the the graduands count of the 12th convocation.

52.11 To consider and approve the IQAC guidelines for Quality Assurance of this Institution.

The Dean (Quality Assurance) presents significant features of the Guidelines of Quality Assurance with regard to Academic Audit for the summer and winter semesters of all the Academic Year since 2016 for all the B.Tech. programmes & M.B.A. programmes. Academic Audit was conducted based on Academic Audit Manual Version 1.0. The audit was conducted based on following categories.

- Audit Report for Curriculum Design.
- Audit Report for Teaching – Learning.
- Audit Report for Assessment and Evaluation.

For each criterion, the auditors have given their comments based on S- Strongly Complied, C- Concern, W- Weakness and D-Deficiency.

The Academic Experts not less than the cadre of Associate Professor with Ph.D. qualification/ not less than five years of teaching experience in the Institutes of National Importance/ Universities/ Deemed to be Universities/ Autonomous Institutions as an external auditor. The report of audit was sent to each Head of the Departments via mail for further process. She has presented the distinct features of the IQAC guidelines as in Appendices G1 and G2.

G (1). IQAC guidelines (PPT)

Appendix-G (1) Click here

G (2). Action Plan for 2022-23

Appendix-G (2) Click here

After elaborate discussion on the initiatives taken by the IQAC for the Quality enhancement, Prof. S.P. Thyagarajan pointed out that the outcome of the initiatives with respect to 35 parameters and the level of achievement should be analyzed and the detailed analytical report may be submitted at the forthcoming meetingof the Board of Management for discussion.

Prof. H.S Shan sought clarifications as to whether the practice of awarding or rewarding to the students or faculty members and students for innovative ideas is followed in this institution with special reference to experiments and classroom teaching. If not, he emphasized that the practice must be followed.

Prof. Radhakrishnan suggested that industries must be approached to establish industry-specific R&D labs in the campus and these could be nursery for research park in future. A dedicated faculty member may be entrusted with this task and it should be a round the year job.

RESOLVED that analytical report indicating the outcome of initiatives taken under various parameters of the IQAC guidelines and the levels of achievements be submitted in the forthcoming BoM meeting for discussion and approval.

52.12 **To consider and approve the initiatives taken under the Faculty Retention Scheme to curtail the practice of frequent exit of qualified teachers from the Institution.**

Prof. Radhakrishnan, the external member requested that a report on detailed study on the impact of the Faculty Retention Scheme may be submitted in the forthcoming meeting of the BoM for discussion.

RESOLVED that a report on the impact of Faculty Retention Scheme in detail be submitted at the forthcoming meeting for discussion.

C. Items for Discussions and Decisions

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

1. International Relations

2. Library

52.13.1 International Relations

The descriptive note on the activities of the office of the International Relations during the academic year 2021-22 and their proposed plan of activities for the Academic year 2022-23 is given in the Appendix-H.

Prof. Radhakrishnan, the external member suggested that.

(a) The international relations should be improved and universities with whom Vel Tech associates must be within the top 1000

(b) The collaboration with institutions like NTU should be strengthened and at least 20 faculties must be given an option to spend some time at NTU, the impact of which can be studied periodically

(c) NTU has a scheme of working with Indian Universities and it may involve some investment and requested the Vice Chancellor to consider this proposal.

Dr.P. Suresh, Dean (International Relations) replied that the suggestions of the member would be taken into consideration appropriately.

H. International Relations

Appendix-H Click here

RESOLVED to approve and record the note on significant achievement of the office of the International Relations in 2021-22.

52.13.2 Library

The descriptive note on the activities of the Library during the academic year 2021-22 and their proposed plan of activities for the Academic year 2022-23 are given in details in the Appendix-I.

I. Library

Appendix-I Click here

RESOLVED to record the significant activities of the Library and office of the International Relations in 2021-22.

52.14 **To discuss the progress of the full time and part time research scholars during the Academic year 2021-22.**

The Dean (Research Studies) furnished a statistical data of the research scholars under the progress of research scholars as detailed below:

Table 3: Progress of Research Scholars

S.No	Details	Count
1	Total No. of Research Scholars	568
2	Scholars registered under Ph.D. Full Time	103
3	Scholars registered under Ph.D. Part Time	465
4	Scholars, who have submitted synopsis during 2021-22	19
5	Scholars, who have submitted thesis	13
6	Scholars, who have completed viva voce	34
7	No. of International Scholars	24

RESOLVED to record the progress of full time and part time research scholars during the academic year 2021-22 .

D. Items for Ratification

52.15   To ratify the recommendations of the Faculty Selection Committee since last meeting of the BoM held on May 28, 2022.

The list of faculty members appointed since last meeting of the BoM held on May 28, 2022 is given in the Appendix-J.

<div align="right">

J. Faculty Selection

</div>

Appendix-J Click here

RESOLVED to ratify the action in appointing faculty members since the last meeting of the BoM held im May 23, 2022.

52.16   To ratify the appointment of Ombudsman under UGC (Grievance Redressal) Regulations.

Prof. E Kannan reported that Under PART III SECTION 4 of the miscellaneous Notifications of the UGC, Lr. N.V. Badarinath Judge, Debts Tribunal Department of Financial Services, Chennai 600 002 was appointed as Ombudsman under the University Grants Commission (Grievance Redressal) Regulations, 2012. On completion of his tenure, Mr. V. Ramamurthy, Principal District and Sessions Judge (Retd) has been appointed as Ombudsman for 3 years from 03.10.2022 subject to the ratification by the Board of Management.

The Proceedings with regard to the appointment of Mr. V. Ramamurthy as Ombudsman is placed at Appendix-K

<div align="right">

K. Appointment of Ombudsman

</div>

Appendix-K Click here

RESOVED to ratify the action taken with regard to the appointment of Mr. V. Ramamurthy as Ombudsman for 3 years from 03.10.2022.

E. Items for Reporting

52.17 **To report the sanctioned strength of students and count of the admitted students for the Academic year 2022-23.**

The particulars of sanctioned strength of students and number of students admitted in the Academic year 2022-23 are given below:

STUDENT INTAKE FOR THE ACADEMIC YEAR 2022-23 AS ON 06.10.2022

Table 4: UNDER GRADUATE - ENGINEERING PROGRAMMES

S.No	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted Count
1	AERONAUTICAL ENGINEERING	60	9	69	21
2	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60	9	69	69
3	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60	9	69	69
4	BIOMEDICAL ENGINEERING	60	9	69	67
5	BIOTECHNOLOGY	60	9	69	69
6	CIVIL ENGINEERING	60	9	69	11
7	COMPUTER SCIENCE & ENGINEERING	1104	166	1270	1267
8	COMPUTER SCIENCE AND DESIGN	60	9	69	60
9	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	60	0	60	60
10	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	60	0	60	59
11	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	60	0	60	60
12	ELECTRICAL AND ELECTRONICS ENGINEERING	60	9	69	35
13	ELECTRONICS & COMMUNICATION ENGINEERING	4801	72	552	552
14	INFORMATION TECHNOLOGY	60	9	69	69
15	MECHANICAL ENGINEERING	60	9	69	20
	TOTAL	2364	328	2692	2497

Table 5: POST GRADUATE - PROGRAMMES

S.No	Programme	Approved Intake as per AICTE	Supernumerary Seats (15% Additional to Intake)	Total Approved Intake	Admitted Count
1	AERONAUTICAL ENGINEERING (UNMANNED AERIAL VEHICLE)	18	0	18	2
2	BIG DATA ANALYTICS	18	0	18	4
3	BIOTECHNOLOGY	18	0	18	2
4	COMPUTER SCIENCE AND ENGINEERING	18	0	18	3
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	18	0	18	9
6	ENVIRONMENTAL ENGINEERING	18	0	18	5
7	INDUSTRIAL SAFETY AND ENGINEERING	18	3	21	21
8	INFORMATION AND CYBER SECURITY	18	0	18	2
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18	0	18	10
10	NETWORK ENGINEERING	18	0	18	0
11	POWER ELECTRONICS	18	0	18	7
12	STRUCTURAL ENGINEERING	18	0	18	4
13	MASTER OF BUSINESS ADMINISTRATION	120	18	138	137
	TOTAL	336	21	357	206

Table 6: UNDER GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No	Programme	Approved Intake as per AICTE	Admitted Count
1	B.COM	240	211
2	B.B.A	60	58
3	B.SC VISUAL COMMUNICATION	30	23
4	B.SC MULTIMEDIA	30	16
5	B.A. L.L.B (Hons.)	120	120
6	B.Com. L.L.B (Hons.)	120	120
7	M.A., English	30	1
8	M.Sc., Mathematics	30	7
9	M.Sc., Physics	30	18
10	M.Sc., Chemistry	30	29
11	M.Sc., Data Analytics	30	17
	TOTAL	750	620

RESOLVED to record the sanctioned strength of students and count of the admitted students for different programmes for the Academic year 2022-23.

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

The letters received from /sent to MHRD /UGC/AICTE/BCI and the actions taken on the letters are given below:

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

S.No	From	Ref.No and Date of receipt	Subject	Action taken
1.	AICTE	E-mail received from the Regional office of AICTE on 29,04.2022 for the request made by Vel Tech.	Claimed for 15% additional seats for CSE on fulfilment of impressive record of student intake in the last 3 years and ranking by NIRF below 100.	Permission was granted by the AICTE for the 15% additional seats in B.Tech. (CSE) for 2022-23.
2.	UGC	VT/R / UGC / Nominee/22/011 dated 17.08.22.	Reminder sent to the UGC for Nomination of UGC representatives on the BoM and on the Finance committee in the existing vacancies vacant positions.	No reply has been received from the UGC as on date.
3.	BCI	E mail dated 07.10.2022 From BCI.	Grant EoA for UG Law programmes of Vel Tech for 2022-23.	Conveyed thankfulness to BCI.

RESOLVED to record the letter received / sent to UGC / AICTE / Government departments in the recent period.

52.19 To report the activities of the non-statutory committees during the academic year 2021-22.

The reports / Minutes of the Non statutory committees are given in the hyperlinks.

1. **Faculty grievance and redressal committee**

2. **Non-teaching staff grievance**

3. **Anti-ragging committee**

4. **SPARSH**

5. **SC / ST grievance redressal committee for staff and students**

6. **Library committee**

RESOLVED to record the activities of the non-statutory committees during the academic year 2021-22. .

F. Concluding

52.20   Any other item with the permission of the Chairperson.

No other items except those included in agenda have been taken up for discussion.

52.21   To consider and approve the date for holding the next BoM meeting during the month of December 2022.

It has been decided to hold the next meeting of the BoM in December 2022..

Vote of Thanks.

Prof. E. Kannan in his vote of thanks, thanked all the members for attending the meeting and actively participated in the discussions. He assured that the suggestions of the members would be incorporated in the Minutes of the Meeting which would be circulated to all the members in due course. He once again thanked he members for their continued support and guidance in the sustained growth of this Institution.

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

Appendix C

53$^{\text{rd}}$ BoM Agenda

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

FIFTY THIRD MEETING OF THE BOARD OF MANAGEMENT
JANUARY 7, 2023 (Saturday)
MODE: ONLINE VIDEO CONFERENCING

ANNOTATED AGENDA

A. *Opening*

53.1   To record the notice convening the 53rd Board of Management (BoM) meeting scheduled on January 07, 2023.

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

53.3   To report and record the minutes of the 52nd BoM meeting held on October 15, 2022.

53.4   To inform the board about the actions taken based on the minutes of the 52nd BoM meeting held on October 15, 2022.

53.5   To report and record the agenda for the 53rd BoM meeting scheduled on January 07, 2023.

B. *Items for Consideration and Approval*

53.6   To consider and approve the minutes of 29th Finance Committee meeting held on November 28, 2022.

53.7   To consider and approve the results of the Ph.D. viva-voce conducted since the last BoM meeting held on October 15, 2022.

C. *Items for Discussions and Decisions*

53.8   To discuss the proposed intake of students to different UG and PG programmes of this Institution for the Academic year 2023-24.

53.9   To discuss the draft UGC regulations for the deemed to be universities at the advent of National Education Policy (NEP) 2020.

53.10   To discuss the report on the impact of Faculty Retention Scheme in force.

53.11   To discuss the initiatives taken under various parameters of the IQAC guidelines and the levels of achievements by the Institution.

D. Items for Ratification

53.12   To ratify the recommendations of the Faculty Selection Committee since last meeting of the BoM held on October 15, 2022.

E. *Items for Reporting*

53.13   To report the board with regard to the preparedness of this Institution for the visit of NAAC peer team in last week of January 2023.

53.14   To report the sanctioned strength and the count of admitted students for the Academic year 2022-23.

53.15   To report the placement and Training activities of the office of the campus to corporate during the academic year 2022-23.

53.16   To discuss the significant activities of office of the Industry Relations and their proposed activities till May 2023.

53.17   To report and record the minutes of the meetings of the following coordinating and advisory committees.

   a) Dial your university (Institution – Parents interaction live programme).
   b) Student council.
   c) Hostel discipline committee.

53.18   To report and record the letters received from MHRD/ UGC/ AICTE/ BCI since the last BoM meeting held on October 15, 2022 and action taken thereof.

53.19   To report and record the Resolutions passed through circulation by the members of BoM with regard to conduct of 12th convocation held on 5th and 6th of November 2022.

F. *Concluding*

53.20   Any other item with the permission of the Chairperson.

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

   Vote of Thanks.

Appendix D

29th FCM Minutes

MINUTES OF THE 29th MEETING
OF FINANCE COMMITTEE
on 28.11.2022 at 12.00 Noon
VENUE : VC CHAMBER Conference

MEMBERS

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

2. Mrs. Rangarajan Mahalakshmi Kishore   Trust Nominee
   Chairperson and Managing Trustee,
   Vel Tech.

3. Prof. Dr. V. Jayasankar,   BoM Nominee
   Dean SoEC,
   Vel Tech.

4. Prof. Dr. E. Kannan,   BOM Nominee
   Registrar,
   Vel Tech.

5. UGC Nominee   Name - Not Received from UGC

6. Mr. Sakthi Ajay   Secretary
   Finance Officer,
   Vel Tech.

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.

29.1   To record the notice of convening 29th Meeting of the Finance Committee scheduled on November 28, 2022.

The Meeting Notice along with the Agenda for the 29th Meeting of the Finance Committee scheduled on November 28, 2022 has been sent to all the members through E Mail. The Agenda of the Meeting is put up at Appendix-A

A. 29th FC Agenda

Appendix-A Click here

RESOLVED to record the Meeting Notice and the Agenda of the 29th Meeting of the Finance Committee scheduled on 28.11.2022

29.2 **To confirm and record the minutes of the meeting of the 28th Finance Committee held on March 30, 2022.**

The Minutes of the 28th Meeting of the Finance Committee held on March 30,2022 is placed below Appendix-B

B. 28th FC Minutes

Appendix-B Click here

RESOLVED to approve the Minutes of the 28th Meeting of the Finance Committee held on March 30, 2022.

29.3 **To review the Action Taken Report on the decisions taken at the 28th Meeting of the Finance Committee held on March 30, 2022.**

The Action Taken Report on the items of the previous Finance Committee meeting held on March 30, 2022 is given below:

Table1: Action Taken Report

Item.No	Item	Decision Taken	Action Taken
28.6	To discuss and approve the recommendations of the Fees Fixation Committee for implementation from 2022-23 onwards.	The committee has approved the recommendations of the Fees Fixation Committee for implementation from 2022-23 onwards.	Being Implemented.
28.7	To discuss and approve the Proposed Budget for the Financial year 2022-23.	The committee has approved the Proposed Budget for the Financial year 2022-23.	The copies of the budget have been sent to the Deans and HoDs for information and further action.

RESOLVED to approve the action taken report on the Minutes of the 28th Meeting of the Finance Committee held on March 30, 2022.

29.4 **To approve and record the actual expenditure against the budget and committed expenditure for the period from April 01, 2022 to October 31, 2022.**

The Finance Officer has presented the actual expenditure against the budget allocations under different account heads for the period from April 01, 2022 to October 31, 2022 and the status of the funds availability in the respective account heads in detail at Appendix-C.

The Finance Officer has highlighted that in some of the account heads, the expenditure shown are found to be in excess and in some cases, the allocation of funds has not been fully or partially utilized. The Members after examining these facts, have come to a conclusion that re-appropriation of funds allocations can be made based on the merits without detrimental to the overall budget and the finance officer shall submit the budget re-appropriation for ratification of the Finance Committee after the completion of this process.

C. Actual Expenditure

Appendix-C Click here

RESOLVED *to request the Finance officer to submit the re-appropriation of the budget allocations based on merits without detrimental to the overall budget and submit the same at the ensuing meeting of the Finance Committee for ratification.*

29.5 **To record and approve the half-yearly Balance Sheet for the financial year 2022-23.**

The half-yearly Balance Sheet for the financial year 2022-23 is placed in at Appendix-D.

The Finance officer has presented the half-yearly Balance Sheet for the financial year 2022-23 with all supporting documents.

D. Half-Yearly Balance Sheet

Appendix-D Click here

RESOLVED *to approve and record the half-yearly Balance Sheet for the financial year 2022-23.*

29.6   Any other subject with the permission of the Chairperson.

No item other than the items included in the approved Agenda has been taken up for discussion.

29.7   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 2023 and the exact date of the meeting would be intimated to the members in due course.

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.

Appendix E

Ph.D. Viva Voce Results

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

Ph.D. Awarded List

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	VTD628	19RHCH1001	J. RAJA BERYL	CHEMISTRY	29.09.2022	15.10.2022	Dr. N. Edayadulla	*Corrosion Resistance and Mechanial Properties of Polymer-Clay Nanocomposite Coatings for Mild Steel in Chloride Environment*	Dr. Jose Bonilla-Cruz,Professor,Advanced Functional Materials & Nanotechnology,Centro de Investigacion en Materiales Avanzados (CIMAV),Unidad Monterrey, Av. Alianza Norte 202,Autopista Monterrey-Aeropuerto Km 10, Apodaca,Nuevo Leon-Mexico, C.P. 66600, Mexico	Dr. Kishore Babu Nagumothu,Associate Professor,Metallurgy Engineering and Material Engineering,National Institute of Technology, Warangal,Warangal – 506004, Telangana	5	-	-	5	-	1.Beryl, J.R. and Xavier, J.R., (2020), "Mechanical and corrosion protection properties of polymer/clay nanocomposite coatings for mild steel in marine environment", Emergent Materials, 3(1), pp.75-85. 2. Beryl, J.R. and Xavier, J.R., (2020), "Electrochemical and mechanical studies of epoxy coatings containing eco-friendly nanocomposite consisting of silane functionalized clay epoxy on mild steel", Journal of Bio-and Tribo-Corrosion, 6(4), pp.1-13. 3. Beryl, J.R. and Xavier, J.R., (2021), "A study on the anti corrosion performance of epoxy nanocomposite coatings containing epoxy-silane treated nanoclay on mild steel in chloride environment", Journal of Polymer Research, 28(5), pp.1-15. 4. Xavier, J.R., Beryl, J.R., Vinodhini, S.P. and Janaki, G.B., (2021), "Enhanced protective and mechanical properties of polypyrrole coatings modified by silane/CoO nanocomposite on AZ91 Mg alloy in chloride media", Journal of Bio-and Tribo Corrosion, 7(2), pp.1-17. 5. Xavier, J.R., Vinodhini, S.P. and Beryl, J.R., (2021), "Effect of Silane-Functionalized RuO2 Nanoparticles on the Anticorrosive and Mechanical Properties of Poly (Methyl Methacrylate) Coatings", Metallurgical and Materials Transactions A, 52(9), pp.3896-3909. 6. Xavier, J.R., Beryl, J.R. and Vinodhini, S.P., (2021), "Novel multifunctional nanocomposites for superior barrier, hydrophobic and mechanical properties of Mg alloy in marine environment", Surface and Coatings Technology, 421, p.127475

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
2	VTD510	17REEC1023	Mallikharjuna Rao	ECE	29.09.2022	15.10.2022	Dr. G. Sasikala	*Design ,Simulation and Analysis of Target based RF MEMS Shunt Capacitive Switch for Reconfigurable Antennas using Artificial Neural Network*	Dr. Seokbum Ko,Department Head & Professor, Department of Electrical and Computer, College of Engineering, University of Saskatchewan,Canada	Dr. S. Varadarajan,Professor, Department of Electronics and Communication Engineering S V University College of Engineering,Sri Venkateswara University, Tirupati,Andhrapradesh – 517502	4	1	3	8	-	Based Comprehensive Performance Analysison Shunt Capacitive RF MEMS Switch", Journal of Engineering Science and Technology, 17(1), pp.0534-0551. 2. Mallikharjuna Rao Sathuluri, G.Sasikala, (2021), "Comprehensive Analysis and Design of Capacitive RF MEMS Switches for Reconfigurable Microstrip Patch Antenna", Wireless Personal Communications. 3. Mallikharjuna Rao Sathuluri, G.Sasikala, (2021), "Design and Advanced Modeling of Electromagnetic and Electromechanically Properties of Reconfigurable Environmental Safe Antenna using RF MEMS Switch", Journal of Green Engineering, Vol. 11, No.1, pp. 250-261. 4. Mallikharjuna Rao Sathuluri, G.Sasikala, (2020), "Design and Analysis of RF MEMS Switch For High-Frequency Applications", International Journal of Engineering Trends and Technology, Vol. 68, No. 12, pp. 108-112. 5. Mallikharjuna Rao Sathuluri, G.Sasikala, (2020), "Reconfigurable antenna using RF MEMS switches issues and challenges: a survey" Advances in Intelligent Systems and Computing. Advances in Smart System Technologies, Advances 139 in Intelligent Systems and Computing 1163, Springer Nature Singapore, pp. 119-134. 6. Mallikharjuna Rao Sathuluri, G.Sasikala, (2020), "Reconfigurable Antenna for Satellite Applications Using Micromechanical Actuation Switches", Recent Developments in Engineering Research", Vol. 6, pp. 1-6. 7. Mallikharjuna Rao Sathuluri, G.Sasikala, (2020) "Micro Mechanical Thin Film Structures Spring Constant Analysis and Design of Shunt Capacitive RF MEMS Switches", International Journal of Emerging Trends in Engineering Research, Vol. 8. No. 10, pp.7450-7456. 8. Mallikharjuna Rao Sathuluri, G.Sasikala, (2019), "Reconfigurable Antenna using Micromechanical Actuation Switches for K and Ku-Band
3	VTD286	14REEC1024	S. Vinson Joshua	ECE	11.10.2022	26.10.2022	Dr. A. Selwin Mich Priyadharson	*Design and Implementation of Advanced Agricultural Engineering Systems and Machine Learning based Crop Yield Prediction*	Dr. Joy long Zong Chen,Professor,Department of Electrical Engineering,Da-Yeh University 5G-MIMO/IoT-BigData Lab,No. 168, University Road, Dacun,Changhua, Taiwan,51501, R.O.C	Dr. P. Siddaiah,Professor and Dean,Department of ECE,University College of Engineering & Technology,Acharya Nagarjuna University,Guntur-522510, AP.	2	2	-	4	-	1. S. Vinson Joshua, A. Selwin Mich Priyadharson and Raju Kannadasan, "Exploration of Machine Learning approaches for paddy yield Prediction in Eastern part of Tamilnadu," Agronomy, Vol.11, pp.2068, 2021. Q1, SCI, Scopus indexed., Impact Factor: 3.417 2. A. Selwin Mich Priyadharson and S. Vinson Joshua, "Exclusively automated agricultural Engineering system using PLC-HMI & Zigbee based WSN," Advances in Automation, Signal Processing, Instrumentation, and Control, Lecture Notes in Electrical Engineering, Volume 700, Pages 3035, Springer, Scopus indexed 3. A. Selwin Mich Priyadharson, S. Vinson Joshua and G. Rajesh "PLC-HMI and ANN based Automatic Drip for Effective Utilization of Water, Nutrients and Pesticides," Journal of Advanced Research in Dynamical & Control Systems, Vol-10, No. 7, 2018, 27-45. Scopus indexed 4. S. Vinson Joshua, A. Selwin Mich Priyadharson, Raju Kannadasan, "Prediction of Crop Yield Using Machine Learning Approaches on a Wide Spectrum," Computers, Materials & Continua, Tech Science Press (accepted, expected to publish in May 2022 issue) Q1, SCI, Scopus Indexed, Impact Factor: 3.772
4	VTD375	16REEC1007	R. Kiran Kumar	ECE	12.12.2022	31.12.2022	Dr. S. Shiyamala	*Modeling and Simulation of Hetro Structure Schottky Barrier MOSFET for Low Power Applications*	Dr. Xiao-Zhi Gao,Professor,School of Computing,University of Eastern Finland,FI-70211 Kuopio, Finland,Contact Number: +358 40 413 4282,Email Id.: xiao.z.gao@gmail.com	Dr. K. Vasudevan,Professor,Dep artment of Electronics,Cochin University of Science and Technology,Cochin – 22, Kerala	-	2	-	2	-	1. Kiran Kumar, R. and Shiyamala, S., (2020). A 2-D analytical modeling of dual work function metal gate MOSFET using high[1]K gate dielectric with enhanced RF/analog performance for low power applications. Silicon, 12(9), pp.2065-2072. 2. Kumar, K.R. and Shiyamala, S., (2021). Design and Performance of Charge-Plasma-Based Schottky-FET CMOS Circuit Ring Oscillator for High Density ICs. Silicon, 13(8), pp.2581-2587.

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
5	VTD388	16REEE1006	S. Vinoth John Prakash	EEE	30.09.2022	17.10.2022	Dr. P.K. Dhal	*Investigation on Standalone Hybrid Microgrid System with Various Solar Tracking System under Different Configurations*	Dr. Patrice Wira,Director,Institute for Research in Computer Science, Mathematics, Automation and Signal,University of Haute-Alsace,IUT – University Institute of Technology of Mulhouse,61 rue Albert Camus, 68093 Mulhouse Cedex,France	Dr. Ashwani Kumar,Professor,Department of Electrical Engineering,National Institute of Technology,Kurukshetra 136119,Haryana	1	2	1	4	-	1. S.Vinoth John Prakash and P.K.Dhal, "Techno-Economic Assessment of a Standalone Hybrid System Using Various Solar Tracking Systems for Kalpeni Island, India," Energies, vol. 14, no. 24, p. 8533, Dec. 2021, doi: 10.3390/en14248533. (SCIE & Scopus- Impact factor- 3.004). 2. S.Vinoth John Prakash and P.K.Dhal, "Modelling and Analysis of Solar and Wind System Adequacy Assessment and Cost Optimization," Mathematical modelling of Engineering Problems., vol. 8, no. 6, pp. 861–870, Dec. 2021, doi: 10.18280/mmep.080604. (Scopus) 3. S.Vinoth John Prakash and P.K.Dhal, "A review: Solar tracking system with grid used in Kurnool Ultra Mega Solar Park," International Review of Electrical Engineering., vol. 14, no. 3, pp. 195–204, May 2019, doi: 10.15866/iree.v14i3.17162. (Scopus) 4. S.Vinoth John Prakash and P.K.Dhal, "Review of Hybrid Renewable Energy System using HOMER." International Journal of pure and Applied Mathematics., vol.118, no.22, pp. 1567-1574, 2018. Available: http://acadpubl.eu/hub.
6	VTD615	18RMBM1006	Shankar Kumar S	MBA	06.10.2022	21.10.2022	Dr. B. Jeyaprabha	*Impact of Digital India Services for Citizen Empowerment: A Study with Reference to Tamilnadu*	Dr. Benedict Valentine A,Professor,Business School VU College2, Jalan University, 47650 Bandar Sunway,Selangor, Malaysia	Dr. K. Sankar Ganesh,Professor & Dean (Academics),Management Studies,LEAD College of Management,Palakkad 678009, Kerala	2	-	3	5	-	1. Shankar Kumar, S., and Jeya Prabha, B., (2022). „Effectiveness of Financial Inclusion and Rural Upliftment: Empirical Evidence from Tamil Nadu", Universal Journal of Accounting and Finance, 10(1), pp.200-210. 2. Shankar Kumar, S., and Jeya Prabha, B., (2019). „Impact of Digitalisation and Customer Satisfaction on Cable TV Services in Tamilnadu", International Journal of Advanced Science and Technology, 28(17), pp.800-806. PEER REVIEWED PUBLICATION 3. Shankar Kumar, S., and Jeya Prabha, B., (2021). „Citizen Awareness and Perception on Digital India Services in Greater Chennai Corporation", Annals of the Romanian Society for Cell Biology, 25(4), pp.6541-6548. 4. Shankar Kumar, S., and Jeya Prabha, B., (2021). „Effect of Digital India on Sustainable Development Goals", Turkish Journal of Physiotherapy and Rehabilitation, 32(3), pp.1938- 1647. 5. Shankar Kumar, S., and Jeya Prabha, B., (2020). „Citizen Adoption and Satisfaction on Digital India Services in Greater Chennai Corporation", PalArch's Journal of Archaeology of Egypt / Egyptology, 17(6), pp.2958-2966.
7	VTD470	17REME1007	S. Jebarose Juliyana	MECH	11.10.2022	27.10.2022	Dr. J. Udaya Prakash	*Mechanical Characterization and Optimization of Machining Parameters in Wire EDM and Drilling of Hybrid Aluminium Matrix Composites*	Dr. J. Paulo Davim,Professor,Department of Mechanical Engineering,University of Aveiro, Campus Santiago, 3810-193 Aveiro, Portugal	Dr. Dinesh Singh Thakur, Professor, Department of Mechanical Engineering, Defence Institute of Advanced Technology, Deemed to be University, DRDO, Ministry of Defence, Girinagar, Pune – 411025, Maharashtra	4	-	-	4	-	1. Jebarose Juliyana, S. and Udaya Prakash, J., (2022), "Optimization of Machining Parameters for Wire EDM of AMCs (LM5/ZrO$_2$) using Taguchi Technique", *INCAS Bulletin* , Vol.14, No.1, pp.57-68. 2. Jebarose Juliyana, S. and Udaya Prakash, J., (2020), "Optimization of burr height in drilling of aluminium matrix composites", Advances in Materials and Processing Technologies (Article in Press). 3. Jebarose Juliyana, S. and Udaya Prakash, J., (2020), "Drilling parameter optimization of metal matrix composites (LM5/ZrO2) using Taguchi Technique", Materials Today Proceedings, Vol.33, No.7, pp.3046-3050. 4. Jebarose Juliyana, S. Udaya Prakash, J., Divya Sadhana, A. and Sarala Rubi, C., (2022), "Multi-objective optimization of process parameters of wire EDM for machining of AMCs (LM5/ZrO2) using grey relational analysis", Materials Today: Proceedings, Vol. 52, No.3, pp.1494-1498.

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
8	VTD356	15REME1007	GANESH R	MECH	20.10.2022	04.11.2022	Dr. Anand P	*Investigations on the Performances of Basalt/Kenaf Hybrid Natural Fiber Reinforced Polymer Composites*	Dr. Rasoul Esmaeely Neisiany,Associate Professor,Department of Materials and Polymer Engineering,Hakim Sabzevari University,Sabzevar, Iran	Dr. S. Shiva,Associate Professor,Department of Mechanical Engineering,Indian Institute of Technology Jammu,N521, Indian Institute of Technology Jammu,Nagrota Bypass Road, Jammu & Kashmir 181221, India,Contact Number: 7051106145	2	2	-	4	-	1. Ganesh, R., & Anand, P. (2022).Experimental Investigation on Thermal Behaviours of Nano Silicon Carbide / Kenaf / polymer composite . Journal of Nanomaterials, 2022. 2. Ganesh, R., & Anand, P. (2022, April). Experimental investigation on mechanical properties of Basalt/Jute/SiC reinforced hybrid polymer composites. Materials Today: Proceedings, 2022. 3. Ganesh, R., & Anand, P. (2021, September). Effect of stacking sequences on tensile properties of natural fiber hybrid polymer composite. In Journal of Physics: Conference Series (Vol. 2027, No. 1, p. 012003). IOP Publishing. 4. Ganesh, R., Manimaran, A., & Logesh, K. (2018). Experimental study on investigation of sic in glass fibre reinforced lap joint. International Journal of Mechanical and Production Engineering Research and Development, 8(3), 893- 900
9	VTD468	17REME1006	V. Balaji	MECH	22.10.2022	04.11.2022	Dr. N. Lenin	*Investigations on Abrasive Water Jet Drilling of Thermal Barrier Coated Nickel based Superalloy*	Dr. Sean Tan Koon Tatt,Professor & Deputy Dean,Department of Mechanical Engineering Wawasan Open University,54, Jln Sultan Ahmad Shah, 10050 George Town,Pulau Pinang, Malaysia	Dr. N. Selvaraj,Professor (HAG),Department of Mechanical Engineering,National Institute of Technology Warangal, Fathimanagar, Warangal 506004,Telangana	-	2	-	2	-	1. Balaji, V. and N. Yuvaraj. (2022) "Abrasive Water Jet Piercing of Straight and Inclined Holes on Yttria-Stabilized Zirconia Coated Ni[1]Based Super alloy," "Materials and Manufacturing Processes, 22:141. [SCI] 2. Balaji, V., Yuvaraj, N., Vinothkumar, S., Grzegorz, K. and Puneet, Tandon. (2022) "Insights on Drilling Film Cooling Holes on Ceramic Coated Nickel Based Super alloys," Archives of Civil and Mechanical Engineering, 37, 1175–1189. [SCI]
10	VTD536	17RECS1041	Walunjkar Gajanan Madhavrao	CSE	15.12.2022	30.12.2022	Dr. V. Srinivasa Rao	*Disaster Relief Management using Reinforcement Learning Based Routing*	Dr. Xiao-Zhi Gao,Professor,Department of Electrical Engineering,Aalto University,Otakaari 5 A, FI-00076,Aalto Espoo,Finland	Dr. M. Hanumanthappa,Professor & Chairman,Department of Computer Science & Applications,Bangalore University,Mysore Road, Bengaluru-560056,Karnataka	4	1	1	6	-	1. Walunjkar Gajanan Madhavrao, Dr V. Srinivasa Rao (2022). Effective Emergency Transportation and Communication for saving Human Lives during Disaster, Handbook of Research on Artificial Intelligence and Soft Computing Techniques in Personalized Healthcare Services, to be published by AAP Advances in Artificial Intelligence and Robotics, CRC Press, a Taylor & Francis Group. 2. Gajanan Madhavrao Walunjkar, Koteswara Rao Anne (2020). Performance analysis of routing protocols in MANET, Indonesian Journal ofElectrical Engineering and Computer Science, Vol 17, No 2, February 2020, pp.1047-1052 3. Gajanan Madhavrao Walunjkar, Anne Koteswara Rao, V. Srinivasa Rao (2021). Disaster Relief Management Using Reinforcement Learning Based Routing, International Journal of Business Data Communications and Networking, 2021, 17(1), pp. 24- 37. 4. Gajanan Walunjkar, Dr Anne Koteswara Rao (2019). Simulation and Evaluation of Different Mobility Models in Disaster Scenarios, 4th IEEE International Conference on recent Trends on Electronics, Information and Communication Technology, Bengaluru, 17-18 May 2019. 169 5. Gajanan Walunjkar, Dr Anne Koteswara Rao (2019). A Reinforcement Learning Approach for Evaluation of Disaster Relief, IEEE 2019 International Conference On Cutting-edge Technologies in Engineering, Barabanki, November 14-16, 2019. 6. Gajanan Walunjkar, Anne Koteswara Rao (2019). Performance Evaluation of Routing Protocols in large size disaster scenario, International Journal of Recent Technology and Engineering, Volume[1]8 Issue-2, July 2019, pp. 4200-4204

Appendix F

UGC Draft Regulations

UGC (Institutions Deemed to be Universities) Regulations 2019 Vs 2022(draft)

NEGATIVE IMPACT

10.12   Officers of the Institution Deemed to be University

Officer	2019	2022
Chancellor	Appointed by the sponsoring body, shall hold office for a period of 5 years Eligible for reappointment for one more term	Appointed by the sponsoring body, shall hold office for a period of 5 years **Not eligible for reappointment**
Pro-Chancellor		Removed in 2022 regulations
Vice-Chancellor	Shall hold office for a term of 5 Years or until he/she attain the age of 70 years. Eligible for reappointment. Continue in office for not more than six months or till the successor is appointed and the latter assumes office, whichever, is earlier	Shall hold office for a term of 5 Years or until he/she attain the age of 70 years. Not eligible for reappointment Continue in office for not more than one year or till the successor is appointed and the latter assumes office, whichever, is earlier

Governance			

Clause	2019	Clause	2022 (Draft)
10.0	The highest governing body of the Institution Deemed to be University shall be a **Board of Management** to be headed by the Vice Chancellor, and consisting of not less than 10 and not more than 15 members **FOUR nominees from the sponsoring body** **Three external eminent academicians appointed by the Chancellor**	10.0	The highest governing body of the Institution Deemed to be University shall be the **Executive Council** to be headed by the Vice Chancellor, and consisting of not less than 9 and not more than 15 members. **TWO nominees from the sponsoring body** No external eminent academics as members. More participation of internal academicians (4 deans, one professor, one associate professor and one assistant professor)

4

Clause	2019	2022
11.02 **Fee Structure**	Fee prescribed by the fee committee	New Sub Clause **(ii) Fee Structure/regulations issued by the Govt and relevant statutory body shall be applicable** (iii) The fee shall be fixed transparently keeping in view non-profiteering/non-commercial aspects. (v) The Deemed to be University may provide fee concession/scholarships or may allocate some seats to meritorious students belonging to socially and economically deprived groups of the society.

ELIGIBILITY CRITERIA FOR AN INSTITUTION TO BE DECLARED AS AN INSTITUTION DEEMED TO BE UNIVERSITY

Clause	2019	Clause	2022 (Draft)
4.02	Corpus fund: **10 crore**	4.03	Corpus fund: **25 crore**

Officers of the Institution Deemed to be University

Officer	2019	2022
Pro Vice-Chancellor	Appointed by BOM The Pro Vice-Chancellor shall hold office co-terminus with the office of the Vice-Chancellor	Tenure is decided by the executive council, but it **shall not, in any case, exceed five years** or until the expiration of the term of O/o VC whichever is earlier. Eligible for reappointment Shall retire on attaining the age of 65 years.
Registrar	Tenure, reappointment and max age are not mentioned in the regulations	Tenure: 5 years Eligible for a **second term** Shall retire on attaining the age of 62 years
Finance Officer	Tenure, reappointment and max age are not mentioned in the regulations	Tenure: 5 years Eligible for reappointments Shall retire on attaining the age of 62 years

Officers of the Institution Deemed to be University

Officer	2019	2022
Controller of Examinations	Tenure, reappointment and max age are not mentioned in the regulations	Tenure: 5 years Eligible for reappointments Shall retire on attaining the age of 62 years
Dean	Appointment and Tenure are not mentioned	Vice Chancellor from amongst the professors from school **by rotation** in the order of seniority Tenure: 3 years

POSITIVE IMPACT

7.0. Off-Campus Centre(s)

Clause	2019	Clause	2022 (Draft)
7.0	Govt. issues notification for off campuses based on the advice of UGC. **Category-I (A++) & Category-II (A+) or ranked from 1-50 in the "Universities" category of current NIRF ranking** Max 3 off campuses in 5 year but not more than one in a year - category I Max 2 off campuses in 5 year but not more than one in a year - category II Shall be reviewed by the Commission after a period of five years from the date of notification by the Govt.	7.0	**Soften eligibility criteria and simplified process of sanctioning off-campus centres** Approval for off-campus centre(s) will be granted **by the UGC itself**. **Minimum 'A' grade & above or ranked from 1-100 in the "Universities" category of current NIRF ranking** No restrictions on the number of campuses established in a year NOC from the concerned State Govt and statutory (**max wait time of 60 days**) Establishing an off-campus centre by taking over any affiliated college under the same sponsoring society/trust/company

Off-shore Campus

Clause	2019	Clause	2022 (Draft)
7.02	Institutions Deemed to be Universities in Category-I shall be allowed to start new Off-Shore Campuses with the **prior approval of the Ministry of Human Resource Development after receiving NOC from Ministry of External Affairs and Ministry of Home Affairs.**	8.01	Institutions Deemed to be Universities may start/establish off-shore Campus(es) in accordance with the provisions stipulated by the UGC from time to time in its Regulations.

Note:

Deletion of "Clause 8.0 in 2022 regulation "8.0 **STARTING OF NEW COURSE(S) / PROGRAMME(S) / DEPARTMENT(S) / SCHOOL(S) / FACULTY(IES) IN THE CAMPUS OR APPROVED OFF-CAMPUS CENTRES OF AN INSTITUTION DEEMED TO BE UNIVERSITY**

In case of starting of new Course(s)/ Programme(s)/ Department(s) / School(s) / Faculty(ies) in other than allied fields, prior approval of the Commission shall be required in addition to approval from the relevant statutory bodies for institutions whose NAAC score is less that 3.26

Monitoring

Clause	2019	Clause	2022 (Draft)
9.0	Monitor, annually, the performance and academic outcomes of **all institutions Deemed to be universities** based on public disclosures on performance parameters	9.0	**Simplified the process of monitoring** Monitor the performance and academic outcomes of Deemed to be Universities having valid accreditation by NAAC with **less than 'A' grade or ranked more than 100 in current NIRF** ranking (Universities category) .

OTHER CHANGES

UGC (Institutions Deemed to be Universities) Regulations 2019 Vs 2022(Draft)

Clause	2019	2022 (Draft)
1.3	These Regulations shall come into force with effect from the date of their Notification in the *Official Gazette*.	Institutions Deemed to be Universities notified prior to the date of these regulations shall comply with them and amend their Memorandum of Association/Rules (MoA/Rules) **within one year of the Notification of these Regulations.**
3.0	Objectives (3 statements)	Objectives (8 statements) **revised in tune with NEP 2020**

ELIGIBILITY CRITERIA FOR AN INSTITUTION TO BE DECLARED AS AN INSTITUTION DEEMED TO BE UNIVERSITY		
Clause	**2019**	**2022 (Draft)**
4.0	• Existence for **20 years** or more • Valid NAAC with min of 3.26 CGPA for three consecutive cycles **[or]** • in case of technical institutions, NBA accreditation for two third of eligible courses for three consecutive cycles. • NIRF : Top 50 ranks in any specific category [or] among the top 100 of overall ranking at the time of application • Annual faculty publications per faculty not less than 2 • The teacher student ratio shall not be less than 1:20 • Built up area of not less than 30 sq.mts. per student	• Multi-disciplinary institution with minimum 5 departments offering UG, PG and research courses or a cluster of institutions offering five programmes located in the same city/town. • Valid NAAC with min of 3.01 CGPA **[or]** • in case of technical institutions, NBA accreditation for two third of eligible courses for three consecutive cycles **[or]** • NIRF: Top 50 ranking in any specific category **[or]** among the top 100 of overall ranking for consecutive three years. • The teacher student ratio shall not be less than 1:20 • Built up area requirement of ~~30 Sq. m /student~~ **is not explicitly mentioned.**

ELIGIBILITY CRITERIA FOR AN INSTITUTION TO BE DECLARED AS AN INSTITUTION DEEMED TO BE UNIVERSITY

Clause	2019	Clause	2022 (Draft)
5.0	**Procedure for Declaration of an Institution as an Institution Deemed to be University** Submission of relevant documents through a n online portal and , under intimation to the Government. Strategic vision for a **5-year period** Institution Deemed to be University status is declared and notified by Govt. **initially for a limited period of five years**		**Procedure for Declaration of an Institution as an Institution Deemed to be University** Additionally, NOC from the State Government and from affiliating University in the case of affiliated College DPR containing its **15 year** detailed Strategic Vision Plan and a five year rolling implementation plan The processing time is considerably reduced **5 years** limited period initial notification and extension there upon **is removed**

ELIGIBILITY CRITERIA FOR AN INSTITUTION TO BE DECLARED AS AN INSTITUTION DEEMED TO BE UNIVERSITY

Clause	2019	Clause	2022 (Draft)
6.0	Procedure for declaration of an institution as deemed to be University under **de-novo category** Devoted to study and research in unique and emerging areas of knowledge not being pursued by existing institutions.	6.0	"De Novo" category has been replaced by "Distinct institution" category Procedure for Declaration of a **'Distinct Institution'** as Deemed to be University Focus on teaching and/or research in unique discipline(s) and/or addressing the strategic needs of the country or engaged in the preservation of Indian cultural heritage or preservation of environment or dedicated to Skill Development or dedicated to Sports or languages or any other discipline(s), so determined by the Expert Committee of Commission

Other Authorities of the Institution Deemed to be University

Clause	2019	Clause	2022 (Draft)
10.0	Academic Council Planning & Monitoring Board Finance Committee Board of Studies The Academic Council shall meet as often as may be necessary but **not less than three times** during an academic year with not less than 15 days' notice	10.0	Academic Council Finance Committee Board of Studies ~~(Planning and Monitoring Board is removed)~~ The Academic Council shall meet as often as necessary but **not less than four times** (at least two times in a semester) during an academic year with no less than 07 days' notice being given before every meeting of the Academic Council. Emergency meetings can be convened by giving a short notice.

Other Authorities of the Institution Deemed to be University

Clause	2019	Clause	2022 (Draft)
10.0	Finance Committee VC, Pro VC, 2 nominees of BOM, one nominee from UGC, FO (Secretary ex officio) The Finance Committee shall meet at least twice a year	10.0	Finance Committee Strengthening the Finance Committee Executive Council and Chancellor to nominate 3 persons each Sponsoring body to nominate one person The Finance Committee shall meet at least four times a year (at least twice each semester)

Other Authorities of the Institution Deemed to be University

Clause	2019	Clause	2022 (Draft)
10.11.4	**Board Of Studies** The powers and functions of the Board of Studies shall be prescribed by the Rules of the Institution Deemed to be University	10.11.3	**Board Of Studies** Subject to the overall control and supervision of the Academic Council, the functions of a Board of Studies shall be to approve subjects for research for various degrees and other requirements of research degrees and to recommend to the concerned School Board in the manner prescribed by the Rules:- (a) Courses of studies; (b) Appointment of supervisors for research; and (c) Measures for the improvement of the standards of teaching and research. **Note:** The powers and functions of the Board of Studies shall be prescribed by the Rules of the Institution Deemed to be University.

Other Authorities of the Institution Deemed to be University

Clause	2019	Clause	2022 (Draft)
10.11.5	**Selection Committee:** iii. Four members of the Selection Committee, of which at least two shall be experts, shall form the quorum.	10.11.4	No specific mention about composition of selection committee

Clause	2019	2022
Admission	shall be strictly based on merit in the entrance exam prescribed by the appropriate statutory authority	shall be strictly based on merit in the entrance exam conducted by a **Government Testing Agency** or **the Institution Deemed to be University** and as prescribed by the appropriate statutory authority
Institution Deemed to be University open to all		New Sub Clause Special provision for the employment or admission of women, persons with disabilities or of persons belonging to the weaker section so the society and, in particular, of the Scheduled Castes, the Scheduled Tribes and the other socially and educationally backward classes of citizens.

Clause	2019	2022
INSTITUTION DEEMED TO BE UNIVERSITY TO BE UNITARY	Once an institution is declared as Institution Deemed to be University, it shall be unitary in nature, and shall not affiliate any other institution *nor shall add any constituent institutions*.	The Institution Deemed to be University shall be unitary in nature and shall not affiliate any other institution.
Funds, Accounts, Audits and Annual Report	Annual Reports and the Audit Reports **shall be submitted by the Institution Deemed to be University to the Commission** within nine months of the closure of the accounting year.	Annual Reports and the Audit Reports **shall be uploaded on the Institution Deemed to be University website** after due approval from Executive Council.

Clause	2019	2022
Miscellaneous	No Institution Deemed to be University shall at any time enter into any franchise agreement or arrangement, either overtly or covertly, with any individual or organization for establishing, maintaining or operating the off-Campus/off-shore campus/constituent unit(s) / constituent institution/ course/ programme of study/ department/ school/ faculty of the Institution Deemed to be University.	The Institution Deemed to be University eligible under clause 7.01 (minimum 'A' grade in NAAC & above or ranked from 1-100 in the "Universities" category of current NIRF ranking) **may enter into an agreement or arrangement with any individual or organisation for establishing and maintaining or operating off-campus/off-shore campuses…** Enter an agreement or arrangement for practical training of students of a skill oriented vocational courses Twinning Programmes, Joint Degree Programmes, and Dual Degree Programmes shall be offered

Clause	2019	2022
Miscellaneous	Every Institution Deemed to be University shall, in order to comply with the relevant UGC norms, provide for the following, namely: a) Anti Ragging Cell b) Anti discrimination Cell c) Gender Sensitization Cell d) Grievance Redressal Cell e) Internal Complaints Committee for prevention of Sexual Harassment f) Barrier Free access to persons with disabilities to all its facilities	This clause is removed
		New sub clause in 2022 x. The Institution Deemed to be University shall furnish to the Central Government/Commission such returns or other information with respect to its property or activities as the Central Government/Commission may, from time to time, require, within such period as may be specified by the Central Government/Commission.

Clause	2019	2022
Miscellaneous	-	**New sub clause in 2022** xii. The Executive Council may, by a resolution passed by a majority of not less than two-thirds of the members present and voting, **withdraw a degree of academic distinction conferred on, or any certificate or diploma granted to, any person by the Institution Deemed to be University for good and sufficient cause;**
Legal Proceedings	No suit or legal proceedings shall lie against the Government, or the Commission, or the Institution Deemed to be University, or an Officer of the Institution Deemed to be University, or a member of the authority of the Institution Deemed to be University, in respect of anything done or purported or intended to be done in pursuance of any of these Regulations.	No suit or legal proceedings shall lie against the Government or the Commission in respect of anything done or purported or intended to be done in pursuance of any of these Regulations.

| Clause	2019	2022
Consequences of the violations of Regulations		A system of graded penalty has been introduced for any violations.
		These include a warning through public notice, barring from any expansion, closure of programmes/ departments/ off-campus(es).
		In case of repeated violations, the deemed to be university status will be withdrawn.

Appendix G

Faculty Retention Scheme
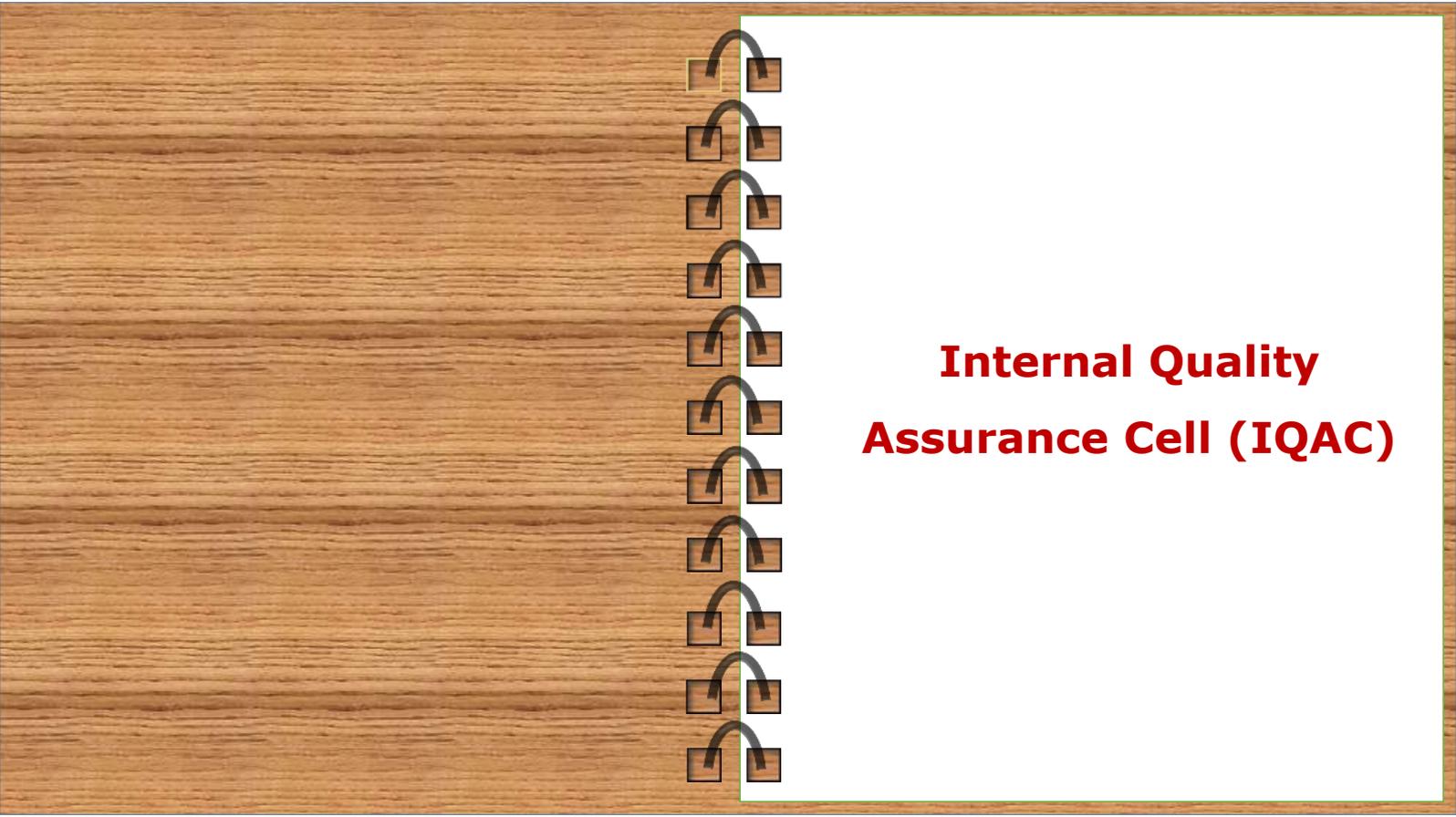
Internal Quality Assurance Cell (IQAC)

Faculty Retention Schemes

53.10

Research/Publication Incentives

➢ Publication Incentive- SCI/ Scopus

➢ Funded Projects – 5% of the total funded received

➢ Patent Filing – Support

➢ International Conference @ Abroad

➢ Conference/ FDP/ Workshop/ Seminar- Registration fee, DA & TA

➢ Book Published

1
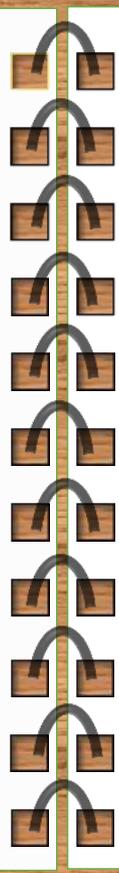
Consultancy Revenue Sharing

➢ Category 1 – Individual Consultancy

➢ PI and team members: 70 %, Vel Tech: 30 %

➢ Category 2 – Institutional/ Departmental Consultancy

➢ PI and team members: 60 %, Vel Tech: 40 %

➢ Category 3 – Testing and Evaluation/ Calibration and Standardization Services

➢ PI and team members: 30 %, Vel Tech: 70 %

2

Incentives

1. Rs.10000 for each SCI publication over and above the compliance
2. Rs.5000 for each scopus publication over and above the compliance
3. Up to Rs.15000 for each book publication depends on the publisher
4. 5% of total fund received for each funded project
5. Rs.10000 for each patent granted
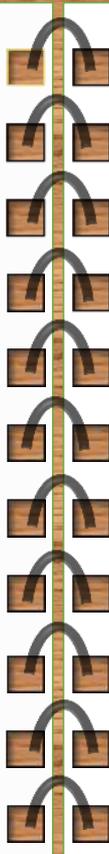
Category	A	B	C
Academic Load	20%	50%	80%
Research Load	80%	50%	20%
Minimum Teaching Hours/ Week	4	8	12
Indexed Publications/ Year	4 (Scopus) or 2 (SCI)	4 (Scopus) or 2 (SCI)	2 (Scopus) or 1 (SCI)
Citations/ year	6	4	3
New Project Proposals/ year (as PI)	2	1	1
On-going funded projects (as PI)	1	-	-

Beneficiaries

1. 156 faculty members received incentives worth Rs.17 Lakh three years viz., 2019, 2020 & 2021 for Research Projects, Consultancy Projects and SCI/Scopus indexed journal publications over and above the compliance

2. Over 357 faculty members got benefitted by having received registration fee, DA & TA subject to a total of Rs.9 Lakh in 2021-2022 to participate in Conferences/ FDPs/ Workshops/ STTPs
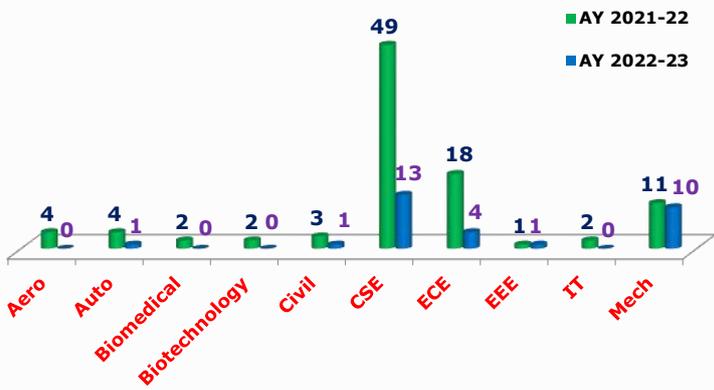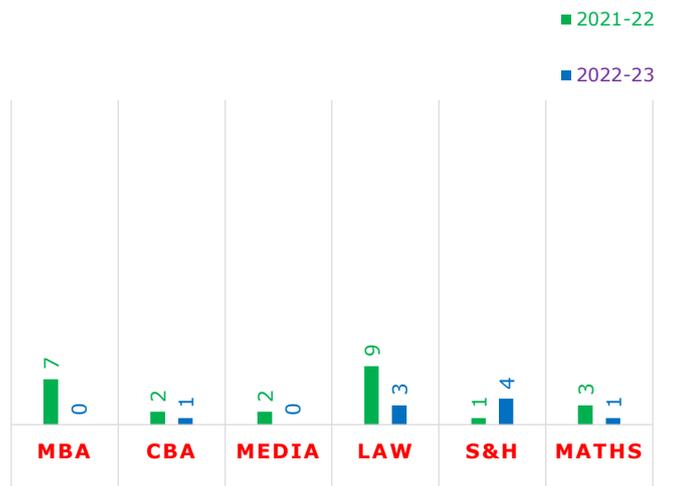
3. Consultancy Projects revenue sharing worth Rs.3.15 Lakhs for 15 faculty members
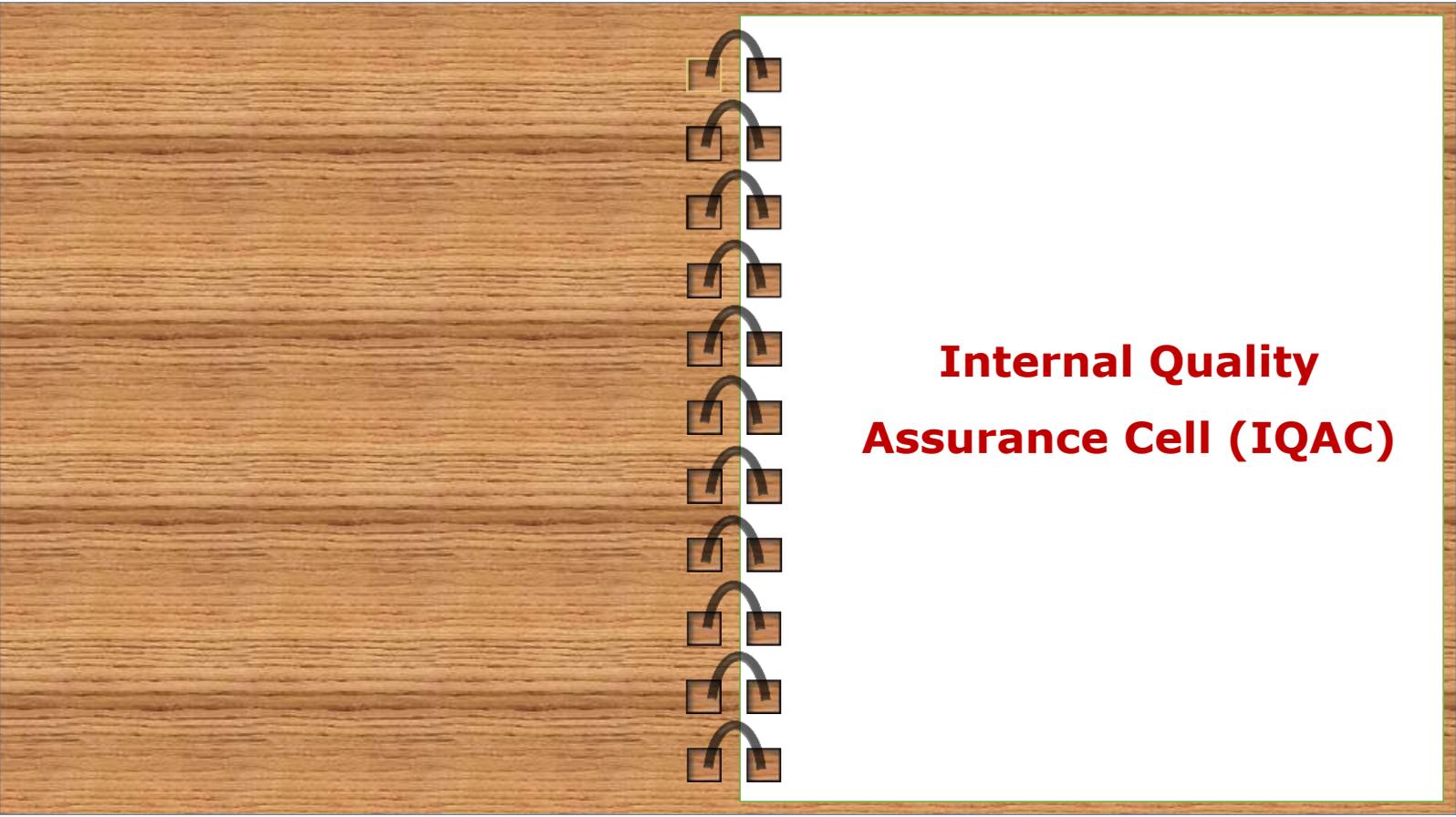
Faculty Resignation Statistics

Legend: ■ AY 2021-22 ■ AY 2022-23

	Aero	Auto	Biomedical	Biotechnology	Civil	CSE	ECE	EEE	IT	Mech
AY 2021-22	4	4	2	2	3	49	18	1	2	11
AY 2022-23	0	1	0	0	1	13	4	1	0	10

Legend: ■ 2021-22 ■ 2022-23

	MBA	CBA	MEDIA	LAW	S&H	MATHS
2021-22	7	2	2	9	1	3
2022-23	0	1	0	3	4	1

thank you

Appendix H

IQAC Guidelines

Internal Quality Assurance Cell (IQAC)

53.11

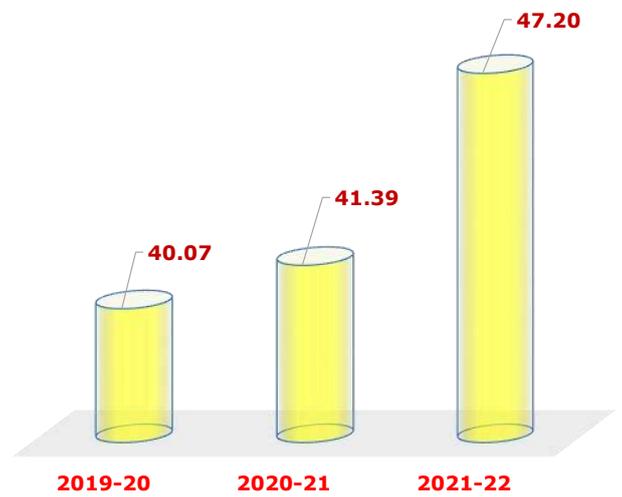# Initiatives taken under IQAC guidelines for the achievements of Institution
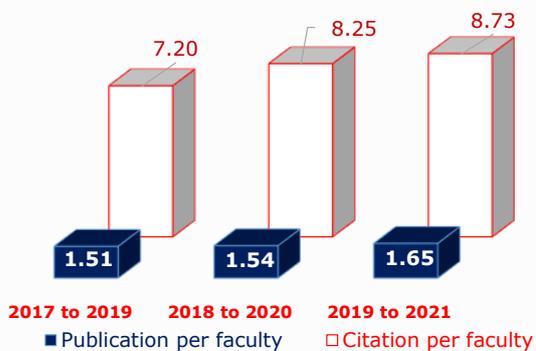
(i) Students Enrollment Percentage

85.32	86.33	89.66
2019-20	2020-21	2021-22
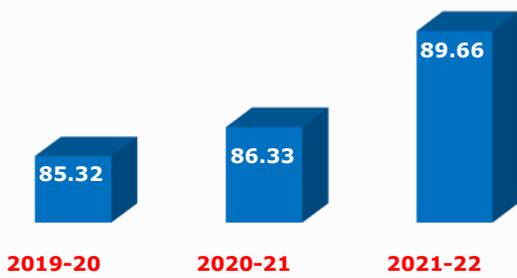
Faculty-Student Ratio (FSR)

➢ Engineering 1:15

➢ Management 1:15

➢ Arts and Science 1:20

1

(ii)Percentage of Faculty with Ph.D.

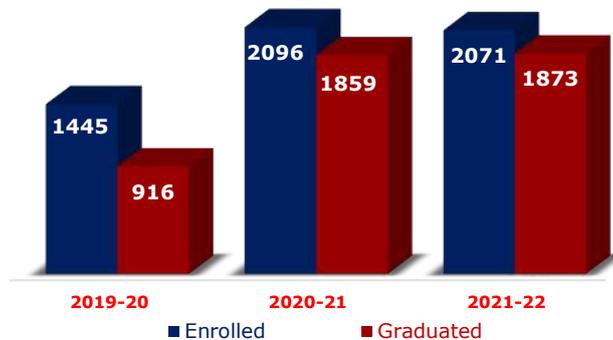|		
40.07	41.39	47.20
2019-20	2020-21	2021-22

2

(iii) Publication vs. Citation per Faculty for the Three Years

7.20   8.25   8.73

1.51   1.54   1.65

| 2017 to 2019 | 2018 to 2020 | 2019 to 2021 |

■ Publication per faculty   □ Citation per faculty

(iv) MoUs

105   199

82   175

MoUs with Industries   **MoUs with Foreign Universities**

3
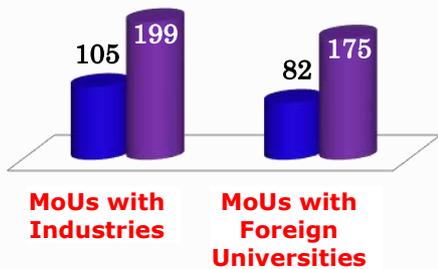
(v) Students (U.G) Admitted vs. Graduated

2096   2071

1445   1859   1873

916

| 2019-20 | 2020-21 | 2021-22 |

■ Enrolled   ■ Graduated

(vi) Students (P.G) Admitted vs. Graduated

118   115   112

74   102   96

| 2019-20 | 2020-21 | 2021-22 |

■ Enrolled   ■ Graduated

4

thank you

Appendix I

Faculty Selection

S.NO	ID NO.	NAME	DESIGNATION	DEPARTMENT	HIGHEST QUALIFICATION	DATE OF JOIN
		VEL TECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY				
		LIST OF FACULTY MEMBERS RECRUITED SINCE LAST BOM (15th OCT 2022)				
1	TTS3520	Dr.SAMINATHAN.J	ASSISTANT PROFESSOR	BIO MED	Ph.D.	12/14/2022
2	TTS3515	Dr.ACHSAH.R.S	ASSISTANT PROFESSOR	BIO TECH	Ph.D.	12/1/2022
3	TTS3519	Dr.BISHESWAR KARMAKAR	ASSISTANT PROFESSOR	BIO TECH	Ph.D.	12/13/2022
4	TTS3533	Dr.ALLWIN EBINESAR.J.S.S	ASSISTANT PROFESSOR	BIOTECH	Ph.D.	12/27/2022
5	TTS3532	Dr.RAMALINGAM.B	ASSISTANT PROFESSOR	CIVIL	Ph.D.	12/28/2022
6	TTS3500	Dr.MEGIBA JASMINE.R	ASSOCIATE PROFESSOR	CSE	Ph.D.	11/7/2022
7	TTS3511	Dr.SYED ISMAIL.A	ASSISTANT PROFESSOR	CSE	Ph.D.	11/23/2022
8	TTS3522	Dr.M.GEETHA JENIFEL	ASSOCIATE PROFESSOR	CSE	Ph.D.	12/12/2022
9	TTS3498	HASHINI.S	ASSISTANT PROFESSOR	CSE	M.E.	10/20/2022
10	TTS3495	Dr.UMANESAN.R	ASSISTANT PROFESSOR	CSE	M.Tech.	10/27/2022
11	TTS3523	EDWIN SINGH.C	ASSISTANT PROFESSOR	CSE	M.E.	12/13/2022
12	TTS3502	Dr.GOPALAKRISHNAN.S	ASSOCIATE PROFESSOR	ECE	Ph.D.	11/14/2022
13	TTS3518	Dr.ASHVANTH.B	ASSOCIATE PROFESSOR	ECE	Ph.D.	12/7/2022
14	TTS3510	Dr.KAVITHA.P	ASSOCIATE PROFESSOR	ECE	Ph.D.	12/19/2022
15	TTS3501	Dr.KARTHIGEYAN.K.A	ASSISTANT PROFESSOR	ECE	Ph.D.	11/10/2022
16	TTS3512	Dr.BANU SELVA SARASWATHY.B	ASSISTANT PROFESSOR	ECE	Ph.D.	11/25/2022
17	TTS3513	Dr.JOEL DEVADASS DANIEL.D.J	ASSISTANT PROFESSOR	ECE	Ph.D.	11/25/2022
18	TTS3524	Dr.PADMALAYA.G	ASSISTANT PROFESSOR	ECE	Ph.D.	12/14/2022
19	TTS3530	Dr.JEEN RETNA KUMAR.R	ASSISTANT PROFESSOR	ECE	Ph.D.	1/2/2023
20	TTS3514	Dr.RAJAKUMAR.P	ASSISTANT PROFESSOR	EEE	Ph.D.	12/1/2022

| S.NO	ID NO.	NAME	DESIGNATION	DEPARTMENT	HIGHEST QUALIFICATION	DATE OF JOIN
21	TTS3517	Dr.AMOSEDINAKARAN.S	ASSISTANT PROFESSOR	EEE	Ph.D.	12/1/2022
22	TTS3528	Dr.PRABHU.M.S	ASSISTANT PROFESSOR	EEE	Ph.D.	12/26/2022
23	TTS3505	Dr.ASHOK.A	ASSISTANT PROFESSOR	PHYSICS	Ph.D.	11/18/2022
24	TTS3525	Dr.YUVARAJ.S	ASSISTANT PROFESSOR	PHYSICS	Ph.D.	12/14/2022
25	TTS3526	Dr.THIRUNAVUKKARASU.M	ASSISTANT PROFESSOR	PHYSICS	Ph.D.	12/14/2022
26	TTS3503	Dr.ASWATHY.M.N	ASSISTANT PROFESSOR	CHEMISTRY	Ph.D.	11/17/2022
27	TTS3508	Dr.GOSU NAGESWARA REDDY	ASSOCIATE PROFESSOR	CHEMISTRY	Ph.D.	11/18/2022
28	TTS3504	Dr.SRINIVASAN.V	ASSISTANT PROFESSOR	CHEMISTRY	Ph.D.	11/21/2022
29	TTS3521	Dr.DIVYA.D	ASSISTANT PROFESSOR	CHEMISTRY	Ph.D.	12/5/2022
30	TTS3507	Dr.CHANDIRAN.V	ASSOCIATE PROFESSOR	MATHS	Ph.D.	11/18/2022
31	TTS3531	Dr.KAVIYARASU.M	ASSISTANT PROFESSOR	MATHS	Ph.D.	12/27/2022
32	TTS3506	Dr.BAIRAVI.B	ASSISTANT PROFESSOR	ENGLISH	Ph.D.	11/21/2022
33	TTS3527	Dr.A.RAJESWARI	ASSISTANT PROFESSOR	ENGLISH	Ph.D.	12/15/2022
34	TTS3499	VANITHA.N	ASSISTANT PROFESSOR	COMMERCE	M.Com.,M.Phil.	10/26/2022
35	TTS3516	SUGATHA KUMARI.B	ASSISTANT PROFESSOR	COMMERCE	M.B.A.	11/26/2022
36	TTS3534	SELVAVINAYAGAM.S	ASSISTANT PROFESSOR	MEDIA	M.A., D.F.T.	1/2/2023
37	TTS3509	Dr.SENTHIL NAYAGAM.K	CHIEF LIBRARIAN	S&H	Ph.D.	11/18/2022

Appendix J

Preparedness for NAAC PTV

Internal Quality Assurance Cell (IQAC)

53.13
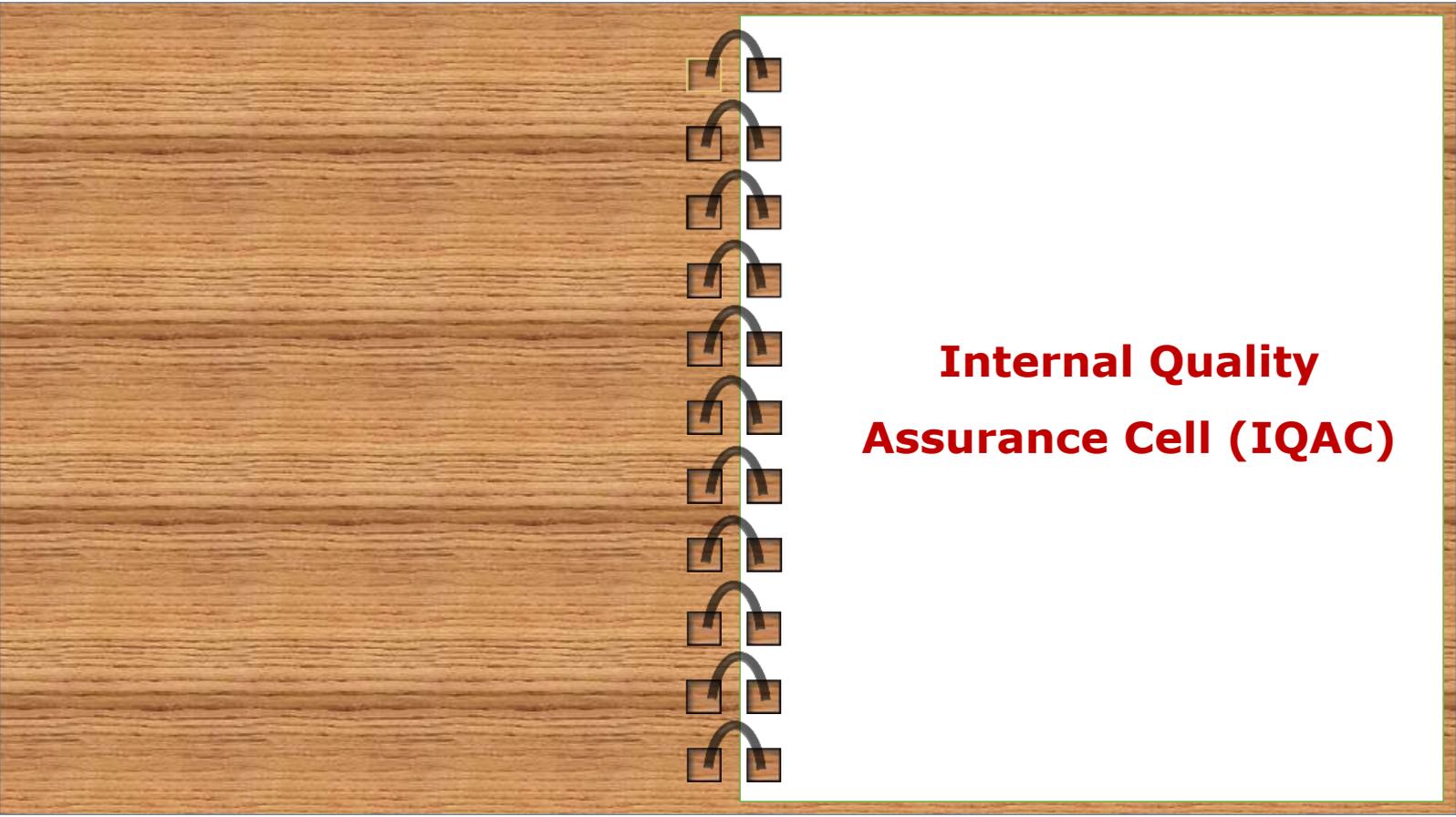
Preparedness for NAAC PTV

The NAAC Peer Team Visit has been scheduled between 31st January 2023 and 2nd February 2023

Office of Quality Assurance ensures to fulfil the requirements of the NAAC Peer Team in both Qualitative and Quantitative metrics, though the evaluation of Quantitative metrics was completed
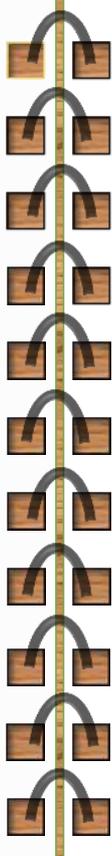
Office/ Section/ Department-wise Internal visits have been scheduled by senior officials for refining the preparedness of the department level presentation, infrastructure facilities, showcasing of documental proofs and laboratory visits from 2nd to 11th January 2023.

Preparedness in the following

- Institution Presentation
- IQAC Presentation
- Registrar, CoE & Finance Officer Presentation
- Deans/ HoDs Presentation in-line with Evaluative Report
- Documental Evidences
- Stakeholders' Interaction (Faculty, Students, Alumni, Employers and Industry Experts)
- Infrastructure and Campus Maintenance
- Website Update

3

- VIP Hospitality Committee
- Central Facility - Route Map Preparation
- Library Facility
- Audio, Video and Photography
- Sports Activities
- Cultural Events for the Peer Team Members
- Hostel Readiness

4

thank you

Appendix K

Campus to Corporate

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

Office of Campus to Corporate
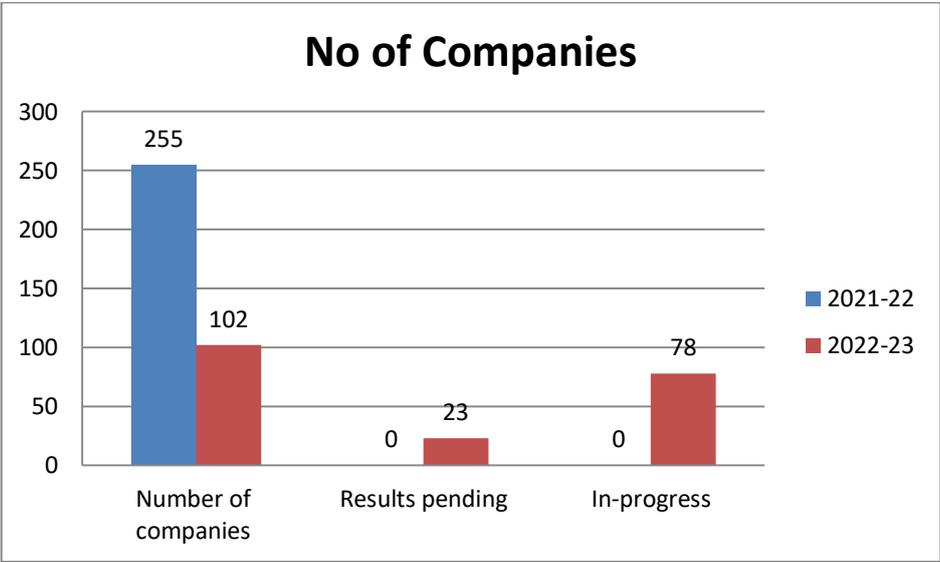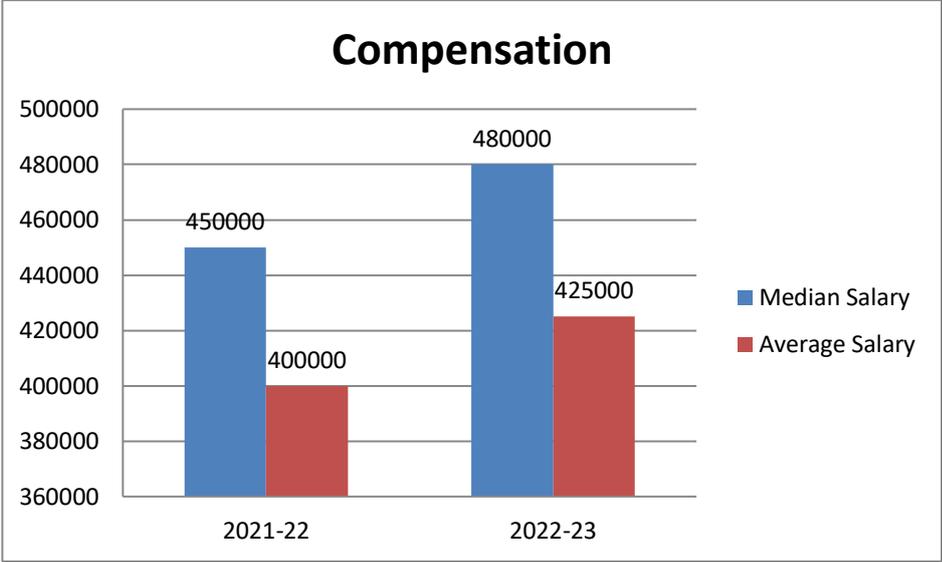
Report on Placements during 2022-23

We have placed 916 students out of 1884 enrolled students for placement in 102 companies so far. The highest salary package offered was 11.88 LPA and average salary package offered to the students 4.8 LPA.

Over all placement information is given below:

Students completed semester registration	2852
Students enrolled for placement	1884
Students Placed	916
Placement % against semester registration	23%
Placement % against placement enrolment	48.61%
Highest Salary	11.88 LPA
Average Salary	4.8 LPA
Median Salary	4.25 LPA
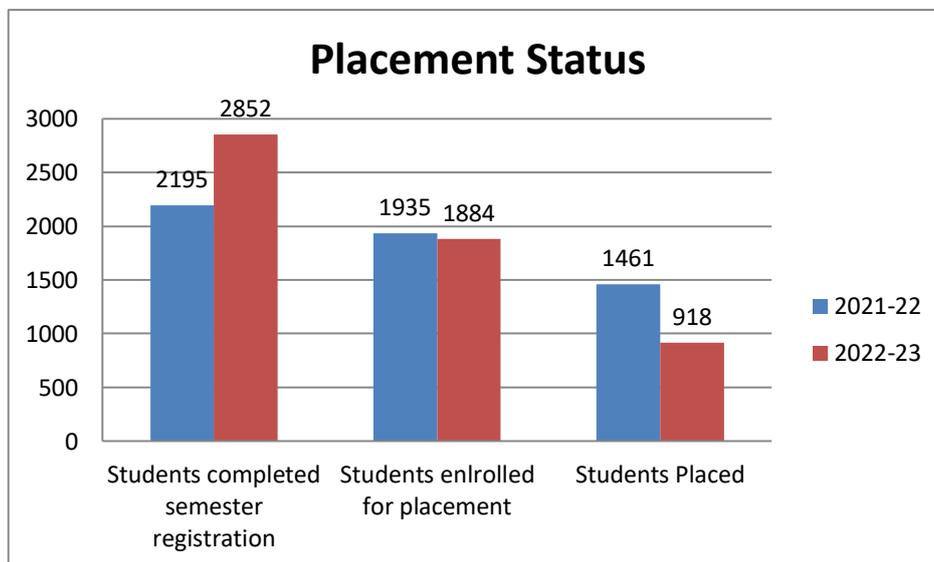
*2022-23 placement as on 29-Dec-2022

Compensation

	2021-22	2022-23
Median Salary	450000	480000
Average Salary	400000	425000

No of Companies

	Number of companies	Results pending	In-progress
2021-22	255	0	0
2022-23	102	23	78

Appendix L

Industry Relations

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

The last report of Industry relations connected activities were presented during the 50th BOM. Hence, the updates from February 2022 to till date and the proposed activities till April 2023 are presented here,

Significant activities of Industry relations February 2022 to December 2022

- International Project competition was organized with the theme of SDG goals. Around VISAI 2022
    - No of colleges participated - 62
    - No. of Projects - 179
    - No of Jury invited from Industries - 08
    - No of students participated – 475
    - Prize Money Rs.2.5 lakhs

- **InPlant Training**

    IPT 2022 – July 2022

AERO	AUTO	BIO MED	BIO TECH	CIVIL	CSE	ECE	EEE	IT	MBA	MECH
6	7	20	22	28	51	120	4	2	88	42

- **Industry experts delivered** - Credit Course for AY 2021-22 Winter Semester and AY 2022-23 Summer Semester

Department	CSE	IT	ECE	MECH	AUTO	CIVIL	Biotech/Bio Medical
No of Courses	31	1	7	4	1	1	1
No of Students Earned Credit	1707	73	54	196	10	53	46

- **Industry Project**

    For 2021-22: 6 Months starts from –Dec 2021 to May 2022

Department	AERO	AUTO	BioMed	BioTech	CIVIL	CSE	ECE	EEE	MECH
No of Industries	3	1	2	4	8	25	4	5	14
No of Students Completed	12	12	12	8	30	125	19	11	49

For 2022-23: 6 Months starts from –Dec 2022 to May 2023

Department	AERO	AUTO	BioMed	BioTech	CIVIL	CSE	ECE	EEE	MECH
No of Industries	10	4	2	5	12	53	11	4	14
No of Students On Going	23	9	6	12	37	356	54	8	43

- **MoU Signed**

  - No of MoU's signed - 26
  - Department wise allocation of MOU'S for various actions

Aero	Auto	BIOMED	BIOTECH	Civil	CSE	ECE	EEE	IT	Mech
3	2	6	9	2	6	4	1	2	4

- **Consultancy Projects**

No of Industry consultancy completed: 11

Total cost of consultancy   : Rs.4, 90, 600

Department	No of Consultancy	Amount
Mechanical	6	2,41,700
ECE	2	2,23,400
Civil	3	25,500

- **Skill Development Courses**

Skill Development Course were organized under various centers of Excellence established inside the university such as Manufacturing, PCB Design and Fabrication, 3D Printing center, Centre for AI Research and Business Solutions.

Course Name	No of Students trained & certified	Revenue Generated
Python Programming for Data Science and AI	455	1,27,800
CNC Programming and Operation Techniques	162	1,35,000
Advanced Welding Techniques	134	1,08,500
PCB Design and Assembly	142	1,36,400

- **ICA 2022 Corporate Talk and Corporate Tour**
  - **No of Corporate Talk – 10 Industry Experts**
  - **No of Corporate Tour – 11 Industries, 13 Visits**

- **Adjunct Faculty and Professor of Practice appointed**
  - **No of Adjunct Faculty –** 12
  - **No of Professor of Practice –** 19

- **Scholarship fund supported for Students**
  - **Total No of Student Application -** 229
  - **Amount yet to receive –**Rs.67,68,200
  - **No of Schemes –** 16 (Govt only)

Appendix M

Dial your University

Meeting Name: Dial Your University

Date/ Time of the meeting: 12-11-2022; 10:00AM to 12:00 Noon

Location of the meeting: Microsoft Teams (Online)

Members Present:

Prof. S. Salivahanan	Vice Chancellor
Prof. E. Kannan	Registrar
Prof. C M Belinda	Dean- Academics (i/c)
Prof. M. Sivakumar	Dean- FME
Prof. R S Valarmathi	Dean- QA
Prof. S. Irudaya Raj	Dean- Hostels
Prof. V. Jayashankar	Dean- School of Electrical & Communication
Dr. Amala Justus Selvam	HoD- Automobile Engineering
Dr. Jaganraj	HoD- Aeronautical Engineering
Dr. N Lenin	HoD- Mechanical Engineering
Dr. P Esther Rani	HoD- ECE
Dr. P. Chandrasekar	HoD- EEE
Dr. V R Manoj	HoD- Biotechnology
Dr. V S Hemakumar	PS to VC
Dr. M. L. Suresh	HoD- Mathematics
Dr. C H Yadav	HoD- Chemistry
Dr. Sridevi	Faculty- CSE
Dr. Muralidhar	Faculty- CSE
Mr. Thangaivadivel	Faculty- CSE
Mr. Ramesh lal	Faculty- Media
Mr. Vinodkumar	Faculty- DA Office
Mr. Padmanabha Sarma. A	Faculty- VC Office

Minutes of the Meeting

Sl. No	Phone Number	Student Information & Grievance	Remarks
1	9059167619	VtU- 14817; IV-CSE; M Pavan; Placement related.	Call drop
2	8919800759	VtU- 19625; II-CSE; L Pallavai; Scholarship form signature (with blue ink only)	Asked the student to meet dean once again
3	9908352999	VtU- 13788; Dropout EEE- 2019-20 batch	Fee refund related, asked the parent to come to the campus in person.
4	9843422544	Dayanithi Madhavan; ECE; 2021-22 passed out; Exam related.	Informed that examination schedule will be published in the university at the earliest
5	9849211788	VtU- 15057; U Jahnavi; IV-CSE; Gender Correction in Grade sheets	Asked to contact CoE office with proper letter and proof.
6	8100359201	VtU- 17346; N Ghreeshma Vamsi; III- CSE; 1. Quality of Education should be improved (Faculty are writing on board and asking students to write) 2. Rain water getting stagnated	Suggestions noted
7	9394822646	VtU- 14051; J Hemanth Sai; IV-Mech; Academic Performance.	Mentor details given.
8	8019381300	VtU- 12480; Uma Maheswara Reddy; IV- ECE; completed B.Tech. Still in campus.	Informed parent that student has to complete the major project.
9	9290082223	VtU- ; Jyoti Prasad Reddy; II-ECE; Fee related issue	Admission office number given
10	9603540437	VtU- 19379; T Rajesh; II- CSE; Academic Performance.	Mentor details given
11	9622713558	VtU- 19088; T Manikandan; II-CSE;	Mentor details given

Sl. No	Phone Number	Student Information & Grievance	Remarks
12	9490832375	Passed out student; parents couldn't attend graduation.	Informed that parents can attend the graduation ceremony. However, they has to follow all CoVID Protocols
13	9787797309	VtU- ; II- AIML; Adizia Infant Raisho; condonation related	Mentor details given
14	9398785649	VtU- 19439; Jeevan Kumar; II-CSE;	Mentor details given
15	7799102066	VtU- 20430; Bhavya; II- CSE; Evening Hot Water facility to be provided.	Implemented from today.
16	9885033785	VtU- 15593; D Neeraj; IV- CSE; Academic Performance	Mentor details given
17	9150816588	VtU- 13816; Shyam; IV- ECE; Student got internship, have to vacate hostel. (Reg-19UEEC0525)	Asked the student to meet Dean Hostels in person.
18	9885584045	VtU- 19719; II- Mech; Shanmuka Sai; Academic Performance related	HoD mech number given
19	8341136691	V Rajasekar Reddy; II- CSE; VtU- 20053; Food issue,	Informed to Dean Hostels, he assured that these issues will be addressed at once.
20	9966826729	VtU- 20459; B Shereya; II- CSE; Exam schedule related	Informed that examination schedule will be published in the university at the earliest

Summary:

Total No. of Calls: 20

Meeting Name: Dial Your University

Date/ Time of the meeting: 12-11-2022; 10:00AM to 12:00 Noon

Location of the meeting: Microsoft Teams (Online)

Members Present:

Prof. S. Salivahanan	Vice Chancellor
Prof. E. Kannan	Registrar
Prof. C M Belinda	Dean- Academics (i/c)
Prof. M. Sivakumar	Dean- FME
Prof. R S Valarmathi	Dean- QA
Prof. S. Irudaya Raj	Dean- Hostels
Prof. V. Jayashankar	Dean- School of Electrical & Communication
Dr. Amala Justus Selvam	HoD- Automobile Engineering
Dr. Jaganraj	HoD- Aeronautical Engineering
Dr. N Lenin	HoD- Mechanical Engineering
Dr. P Esther Rani	HoD- ECE
Dr. P. Chandrasekar	HoD- EEE
Dr. V R Manoj	HoD- Biotechnology
Dr. V S Hemakumar	PS to VC
Dr. M. L. Suresh	HoD- Mathematics
Dr. C H Yadav	HoD- Chemistry
Dr. Sridevi	Faculty- CSE
Dr. Muralidhar	Faculty- CSE
Mr. Thangaivadivel	Faculty- CSE
Mr. Ramesh lal	Faculty- Media
Mr. Vinodkumar	Faculty- DA Office
Mr. Padmanabha Sarma. A	Faculty- VC Office

Minutes of the Meeting

Sl. No	Phone Number	Student Information & Grievance	Remarks
1	9440923527	II ECE; Due to rain exams postponed- re-exam dates related	Informed that due to bad weather in Chennai, exams were postponed and also said that dates for the re-exam will be published in university website soon
2	9290736069	VtU: 13790; IV ECE; J Sai Pavan; Arrear results declaration related.	Informed that results will be published within 15 days from the date of exam.
3	9949527841	VtU: 14468; IV CSE; Y Sai Varun; Placement classes related	Given placement officer number
4	8179199155	VtU: 13729; IV Mech; T Ravi Kumar; Academics related enquiry	Informed Academic performance of the student to parent through mentor
5	9959989609	VtU: 14286; Passed out student; Fee refund related.	Informed that it will take some more time to complete the process, expected date of refund will be in the month of January 2023.
6	9573521218	VtU: 15593; IV CSE; Arrear lab exam related	Concerned faculty phone number was given and asked the parent to contact directly.
7	7013529822	VtU: 15121; IV ECE; A Satish; Regular exam results related.	Informed that results will be published within 15 days from the date of exam.
8	8499088354	VtU: 13225; IV CSE; A Tirumala Venkatesh; Placement classes related.	Given placement officer number
9	9346639798	VtU: 14510; IV CSE; Academics related	Informed Academic performance of the

Sl. No	Phone Number	Student Information & Grievance	Remarks
			student to parent through mentor
10	8179392845	VtU: 20573; II Civil; Jitendra; Academics related	Informed Academic performance of the student to parent through mentor
11	9547301322	VtU: 13924; IV Aero; Placement classes related	Given placement officer number
12	9951909895	Hostel food related (Queens Hostel).	Informed Dean- Hostels regarding the complaint received. He assured that he will go for sudden visits to hostel mess and shall make sure that this kind of complaints will be addressed at once.
13	9440923527	VtU: 20273; J Jagadeeswar Reddy; Exam postponed- re exam date related	Informed that due to bad weather in Chennai, exams were postponed and also said that dates for the re-exam will be published in university website soon
14	9434282815	VtU: 14172; Biotech; V Keerthika; Exam postponed- re exam date related	Informed that due to bad weather in Chennai, exams were postponed and also said that dates for the re-exam will be published in university website soon
15	9908705157	VtU: 20151; II CSE; N Likitha; Name Correction in hall ticket and University result mark sheet.	Asked the student to meet CoE office staff with proper proof. Informed CoE office staff regarding the issue.

Sl. No	Phone Number	Student Information & Grievance	Remarks
16	9618898738	V Niranjan; III ECE; Exam postponed- re exam date related	Informed that due to bad weather in Chennai, exams were postponed and also said that dates for the re-exam will be published in university website soon
17	7013152098	VtU: 21627; Sai Manikanta; Fee partial payment related.	As per university norms partial fee payment is not allowed. However, asked the student to meet Dean FME with a request letter.
18	9491831382	VtU: 20693; II ECE; K Jayanth Naidu; Complaint- Mentor not informing the conduct of student regularly.	When checked with mentor, he said that in the mentor book only 9 digits of the mobile number are only present. Given the correct number of parent to mentor.
19	9491554101	VtU: 13773; IV IT; Naveen Raj; Academics related.	Informed Academic performance of the student to parent through mentor

Summary:

Total No. of Calls: 19

Appendix N

Student Council

Minutes of student council meeting dated 12.10.2022

(Academic Year: 2022-2023)

Venue: Learning Space 1

Room No : 33021, CSE Block

Time : 4 PM

Proceedings of the meeting of the Students council meeting held on 12.10.2022 at 04:00 PM in the Learning Space 1 of Veltech University campus, chennai

Members Present:

S No	VTU No	Name	Designation	Degree/Department
1.	TTS1303	Dr.R. Srinivasan	Student Council Liaison Teacher	**CSE**
2.	VTU 11600	SAMMETLA SASANK PAVAN SAI RAM	Member	B.Tech / AUTO
3.	VTU 13630	SWETA JHA	Member	B.Tech / BIOMED
4.	VTU 11270	VAISHNAVI M NAIR	Member	B.Tech / BIOTECH
5.	VTU 13031	GOURAV JAISWAL	Member	B.Tech / CIVIL
6	VTU 14918	NARAYANA PRATHYUSHA	Member	B.Tech / CSE
7	VTU 13204	CHEJERLA OM PRAKASH REDDY	Member	B.Tech / ECE
8	VTU 10994	THOTAMASETTY VEERA VENKATA GOPINATH	Member	B.Tech / EEE
9	VTU 16258	NIKHIL KOHAR	Member	B.Tech / AERO
10	VTU 15237	KACHAM AVINASH	Member	B.Tech / IT

11	VTU 15699	KAVETI VENKATA SAI SUDEESH REDDY	Member	B.Tech /AERO
12	VTU 16191	KRITI POUDEL	Member	B.Tech/ AUTO
13	VTU 16219	RIDDHI KHANAL	Member	B.Tech /BIOMED
14	VTU 16504	ANINDITA BHAR	Member	B.Tech /BIOTECH
15	VTU 16246	RAVI JAISWAL	Member	B.Tech /CIVIL

Minutes:

1. Dr. R. Srinivasan welcomed the members and explained the purpose of the meeting.

In the previous meeting, implementation of safety measures like sanitizers and thermal Scan in all the blocks and the availability of face mask in college canteen were discussed. They were successfully implemented.

The Committee discussed the following points:

2. The committee instructed to conduct department wise meeting with department Heads, Class tutors and student representatives as members and to discuss the needs and grievances of the students.

3. The committee suggested maintaining a grievance box in the college campus, establishing a Medical Room for emergency and mending the college playground.

4. The Committee encouraged conducting number of awareness programmes on the physical, mental and social well being.

5. The committee suggested for use computer lab after regular class hours.

6. The committee suggested to arrange Yoga and meditation session for students

7. To contribute quality research papers from students for International and National conferences in various colleges.

Minutes of student council meeting dated 12.10.2022

(Academic Year: 2022-2023)

Attendance sheet

S No	VTU No	Name	Designation	Degree/Department	Status
1.	TTS1303	Dr.R. Srinivasan	Student Council Liaison Teacher	**CSE**	**Present**
2.	VTU 11600	SAMMETLA SASANK PAVAN SAI RAM	Member	B.Tech / AUTO	**Present**
3.	VTU 13630	SWETA JHA	Member	B.Tech / BIOMED	**Present**
4.	VTU 11270	VAISHNAVI M NAIR	Member	B.Tech / BIOTECH	**Present**
5.	VTU 13031	GOURAV JAISWAL	Member	B.Tech / CIVIL	**Present**
6	VTU 14918	NARAYANA PRATHYUSHA	Member	B.Tech / CSE	**Present**
7	VTU 13204	CHEJERLA OM PRAKASH REDDY	Member	B.Tech / ECE	**Present**
8	VTU 10994	THOTAMASETTY VEERA VENKATA GOPINATH	Member	B.Tech / EEE	**Present**
9	VTU 16258	NIKHIL KOHAR	Member	B.Tech / AERO	**Present**
10	VTU 15237	KACHAM AVINASH	Member	B.Tech / IT	**Present**
11	VTU 15699	KAVETI VENKATA SAI SUDEESH REDDY	Member	B.Tech /AERO	**Present**
12	VTU 16191	KRITI POUDEL	Member	B.Tech/ AUTO	**Present**
13	VTU 16219	RIDDHI KHANAL	Member	B.Tech /BIOMED	**Present**
14	VTU 16504	ANINDITA BHAR	Member	B.Tech /BIOTECH	**Present**
15	VTU 16246	RAVI JAISWAL	Member	B.Tech /CIVIL	**Present**
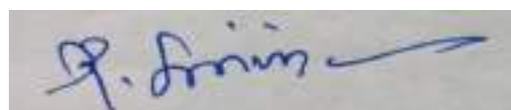
(Dr.R.Srinivasan)

Appendix O

Hostel Discipline Committee

MINUTES OF THE HOSTEL DISCIPLINARY COMMITTEE HELD ON 27.12.2022

AT THE OFFICE OF REGISTRAR

Members:

1. Dr.V. Jayasankar   (Chairpeerson)
2. Dr. S. Irudhayaraj
3. Dr. B. Nagalingeswara Raju
4. Dr. Carmel Mary Belinda M.J
5. Dr. P. Narayanasamy
6. Dr. P. Sivamurugan
7. Mr. Sri Raman Kothuri
8. Ms. K. Hummul Salma

All the members were present for the meeting.

Dr. V. Jayasankar, Dean, SoEC chaired the meeting. The Chairman welcomed all the members of the Disciplinary Committee and invited all them to offer their suggestions with regard to enforcing discipline and decorum in the Hostel. He pointed out some of the issues reported to the Disciplinary committee and requested the members to offer their suggestions as how to sort out them.

All the members of the opinion that the wardens of the Hostels should be more responsible and vigilant considering the fact that the students coming from different parts of the country and abroad are on increasing side.

After the elaborate discussions, it has been decided to recommend alternative solutions for the issues brought to the notice of the disciplinary committee:

S.No.	Issues reported	Alternate actions recommended
1	Reported that some hostel students leave for their native places without out obtaining out-pass despite repeated instructions	The Students may be warned and the parents concerned may be informed of this act of negligence on the part of students and to advise their wards accordingly.

2	Reported that the students are not in their respective hostel rooms at the time of taking attendance.	The students may be warned and recurrence of this practice may be reported to the disciplinary committee for further course of action
3	Reported some of the students are staying in the hostel campus during class hours	The students may be strictly warned and the wardens may be instructed not to allow the students in the hostel campus during the regular class hours unless there is a genuine reason to do so with formal permission.
4	Reported that some students leave the hostel after 9.30 pm and return to their hostel rooms in the late night hours.	The students may be warned. A penalty of Rs. 1,000/- shall be imposed on the erring students. Further, violation of the norm shall be brought to the Disciplinary committee for further action.
5	Reported that a few students are using Electrical appliances like Iron Box, Oven, speakers etc	Should be strictly warned and a penalty of Rs. 1,000/- may be imposed for noncompliance. Further, violation of this norm shall be brought to the Disciplinary committee for further action.
6	Submission of self-compliance report from the hostel wardens	The Hostel wardens shall submit the self-compliance report as per the hostel norms and guidelines without fail.
7	The warden shall initiate disciplinary action against any student for keeping unauthorized guest / materials in his / her room	Reports on such issues may immediately be brought to the hostel disciplinary committee. For further course of action.

The meeting has come to a close.

Appendix P

BOM Circulation Minutes

RESOLUTIONS PASSED THROUGH CIRCULATION BY THE MEMBERS OF THE BOARD OF MANAGEMENET

MINUTES

Item No.	Agenda
1.	**To consider and approve the proposal for holding the 12th convocation of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi to be held on 05.11.2022 & 06.11.2022.**
	It is submitted that, as discussed at the BoM meeting held on October 15th, 2022, it is proposed to conduct the 12th Convocation on 05.11.2022 & 06.11.2022, considering more number of graduands participating in the 12th Convocation. The Convocation ceremony will start at 9.30. A.M. onwards on both the days. **RESOLVED** to approve the proposal for holding the 12th convocation of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science andTechnology, Avadi to be held on 05.11.2022 & 06.11.2022.

Item No.	Agenda
2.	**To consider and approve the names of the distinguished guests to be invited for the 12th convocation to be held on 05.11.2022 & 06.11.2022.**
	It is submitted that, as discussed at the BoM meeting held on October 15th, 2022, invitations have been sent to the following eminent persons to act as a Chief Guest / Special Guest of the 12th Convocation: 1. Dr. BVR Mohan Reddy (Chief Guest) Founder Chairman Cyient Vice Chairman, NASSCOM Hyderabad, Telangana, India. 2. Sri. P. Kaniappan (Special Guest) Managing Director, ZF Commercial Vehicle Control Systems India Pvt. Ltd., Ambattur Industrial Estate, Chennai- 600058. **RESOLVED** to approve the names of the distinguished guests to be invited for the 12th convocation to be held on 05.11.2022 & 06.11.2022.

RESOLUTIONS PASSED THROUGH CIRCULATION BY THE MEMBERS OF THE BOARD OF MANAGEMENET

MINUTES

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Item No.	Agenda
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3.	**To consider and approve the conferment of "Honorary Causa" on Dr. BVR Mohan Reddy, Founder Chairman and Board Member at Cyient, Vice Chairman, NASSCOM, Hyderabad, Telangana, India at the 12th convocation to be held on 05.11.2022.**
	The name of Dr. BVR Mohan Reddy is proposed for conferment of "Honorary Causa" in the 12th Convocation to be held on 05.11.2022 for his outstanding contributions to Indian Engineering, Research and Development Industry. The Profile of Dr. BVR Mohan Reddy is placed at **Appendix A**. **RESOLVED** to approve the conferment of "Honorary Causa" on Dr. BVR Mohan Reddy, Founder Chairman and Board Member at Cyient, Vice Chairman, NASSCOM, Hyderabad, Telangana, India at the 12th convocation to be held on 05.11.2022..

BVR Mohan Reddy, Founder Chairman - Cyient
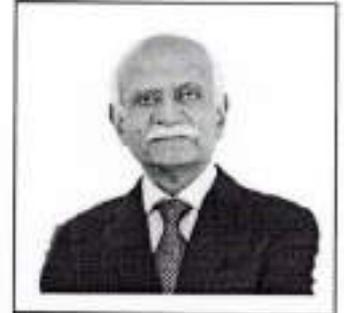
Dr. BVR Mohan Reddy is a visionary who firmly placed India on the global engineering, research and development (ER&D) services map by establishing Cyient (formerly Infotech Enterprises) in 1991. His efforts led Cyient to contribute more than $5 billion in cumulative exports from India to several global clients, including many Fortune 100 companies. His efforts led to the creation of jobs for engineering professionals across 14 countries.

Dr. Reddy served as the Chairman of NASSCOM (National Association of Software & Service Companies) during 2015-16. He served as the Chairman of CII, Southern Region (2008-2009), and currently the **Chairman of CII Education Council.** Dr. Reddy is also the Founding Director of **T-Hub**, the largest start-up incubation center in the country.

Dr. Reddy took up several leadership positions to promote higher education in the country. He is currently the **Chairman of the Board of Governors** of **IIT-Hyderabad** and also **IIT-Roorkee**, is a member of the Leadership Advisory Board (LAB) at the **University of Michigan College of Engineering**, USA, and a member of the Court of Governors of Administrative Staff College of India (ASCI).

Dr. Reddy has Chaired the *Evaluation Committee* of Atal Ranking of Institutions of Innovation Achievements 2019 (ARIIA) constituted by Ministry of HRD.

Dr. Reddy received India's fourth-highest civilian award—the **Padma Shri**—in 2017 for his contribution to trade and industry. He is the recipient of the Distinguished Leadership Award of the **American Society of Mechanical Engineers (CIE Division)**. He was conferred Lifetime Achievement Awards from Hyderabad Management Association (HMA), Hyderabad Software Enterprises Association (HySEA) and the Centre for Organization Development (COD) recognizing his industry leadership, corporate excellence, and institution building. He is the recipient of Distinguished Alumnus Award from IIT, Kanpur and is a fellow of the Institution of Engineers (India).

Dr. Reddy holds postgraduate degrees from IIT-Kanpur, and University of Michigan, USA. He is also the recipient of five honorary doctorates.

41st MEETING
OF
THE ACADEMIC COUNCIL
Saturday, March 11, 2023

MINUTES

Contents

List of Tables

Minutes OF THE
41st MEETING OF THE ACADEMIC COUNCIL

Saturday, March 11, 2023, at 10.30 a.m.

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

A. Opening

41.1   Call to Order and Approval of Agenda of the 41st 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 <u>confirmed</u> the agenda.

41.2   Confirmation of the minutes of 40th meeting of the Academic Council held on Saturday, October 22, 2022.

The minutes of the 40th meeting of the Academic Council held on October 22, 2022 were circulated to the members.

The draft minutes of the 40th meeting of the Academic Council can be accessed *here*

Appendix A

The minutes were <u>confirmed.</u>

41.3   To review the Action Taken Report on the minutes of the 40st meeting of the Academic Council held on October 08, 2022.

The Vice Chancellor, placed before the Academic Council to consider the Action Taken Report in respect of the 40th meeting of the Academic Council as described in Table 1.

Table 1: Action Taken Report in respect of 40th meeting of the Academic Council held on October 08, 2022.

S.No	Decision Taken	Action Taken Report
1	Item No 40.06(c) - Page 04 To consider and approve the minutes of Board of Studies	Following Course content included in the syllabus. 1. ARM processor - Embedded C programming (10212EC204) 2. Ethernet protocol - Embedded protocols (10212EC111) 3. High speed networks - High Performance communication Networks (10212EC114) 4. 4G and 5G - Wireless Communication (10211EC112),MIMO Wireless Communication(10212EC203), Wireless Communication Technologies(10213EC112)

The Council approved the Action Taken Report.

41.4 To record leave of absence of the members.

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

* **Prof. N.V. Ramana Rao**
  Director, National Institute of Technology,
  Warangal.

* **Dr. Shankar Venugopal,**
  Vice President, Technology Innovation & KM,
  Dean – Mahindra Technical Academy Mahindra World City,

* **Mr.Ramakrishna,**
  Chief Executive Officer and Managing Director,
  Effronics Systems Pvt.Ltd., Vijayawada.

* **Dr. V.Jayasankar,**
  Professor,
  Dept of Electrical and Electronics Engineering,
  Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology.

* **Dr. Malarvizhi,**
  Professor, Dept. of Computer Science and Engineering
  Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.

    * **Mrs. Lilly Victoria A**
Assistant Professor, School of Law,
Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.

The Chair has noted their leave of absence.

The list of members attended the 41st meeting of the Academic Council can be accessed *here*

Appendix Attendance

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

Appendix Grant of absence

B. Items for Discussion

41.5   **To consider and approve the minutes of the Board of Studies in the following programmes**

1. **Under Graduate Programme**

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

    A. **Bio Medical Engineering**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 9th 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 2022-23.

The Minutes of the BoS meeting can be accessed here

Appendix BIOMED

Dr. N.M. Masoodhu Banu, Professor & Head, Department of Bio Medical Engineering, presented the recommendations of the 9th meeting of the Board of Studies conducted on January 18, 2023.

Dr. N.M. Masoodhu Banu, Professor & Head, Department of Bio Medical Engineering, moved the recommendations of the 9th Board of Studies of **B.Tech. Bio Medical Engineering** to be implemented with effect from the winter Semester of the Academic Year 2022-23, be approved.

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

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

  B. **Biotechnology**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 9th Board of Studies of Department of Biotechnology for **B.Tech.**

Biotechnology to be implemented with effect from the Winter semester of the Academic Year 2022-23.

The Minutes of the BoS meeting
can be accessed here

Appendix Biotech

Dr. V. Manoj, Associate Professor & Head, Department of Biotechnology, presented the recommendations of the 9th meeting of the Board of Studies conducted on January 04, 2023.

Dr. V. 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 2022-23, be approved.

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

The motion was carried.

C. B.Tech. Electrical and Electronics Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 29th 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 2022-23.

The Minutes of the BoS meeting
can be accessed here

Appendix EEE

Dr.P.Chandrasekar, Professor & Head, Department of Electrical and Electronics Engineering, presented the recommendations of the 29th meeting of the Board of Studies conducted on December 12,2022.

Dr.P.Chandrasekar, Professor & Head, Department of Electrical and Electronics Engineering, moved the recommendations of the 29th Board of Studies of **B.Tech. Electrical and Electronics Engineering** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was carried

D. B.Tech. Computer Science & Engineering

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 36th 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 2022-23.

Appendix CSE

Dr.M.S.Muralidhar, Associate Professor & Head, Department of Computer Science & Engineering, presented the recommendations of the 36th meeting of the Board of Studies conducted on February 25,2023.

- Members suggested to improve the MOOC course percentage in every semester.

Dr.M.S.Muralidhar, Associate Professor & Head, Department of Computer Science & Engineering, moved the recommendations of the 36th Board of Studies of **B.Tech. Computer Science & Engineering** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was carried

E. **B.Tech. Artificial Intelligence and Data Science**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 3rd Board of Studies of Department of Artificial Intelligence and Data Science for **B.Tech. Artificial Intelligence and Data Science** to be implemented with effect from the Winter semester of the Academic Year 2022-23.

Appendix AI&DS

Dr. V. Dhilip kumar, Associate Professor & Head, Department of Artificial Intelligence and Data Science , presented the recommendations of the 3rd meeting of the Board of Studies conducted on October 29,2022.

- Members suggested to add more number of courses in Telecommunication area.
- Members suggested to add 5G technology courses in the curriculum.

Dr. V. Dhilip kumar, Associate Professor & Head, Department of Artificial Intelligence and Data Science, moved the recommendations of the 3rd Board of Studies of B.Tech. Artificial Intelligence and Data Science to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was carried

F. **B.Tech. Artificial Intelligence and Machine Learning**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 3rd Board of Studies of Department of Artificial Intelligence and Machine Learning for **B.Tech. Artificial Intelligence and Machine Learning** to be implemented with effect from the Winter semester of the Academic Year 2022-23.

Appendix AI&ML

Dr. N. R. Rajalakshmi, Associate Professor & Head, Department of Artificial Intelligence and Machine Learning , presented the recommendations of the 3rd meeting of the Board of Studies conducted on October 29, 2022.

Dr. N. R. Rajalakshmi, Professor & Head, Department of Artificial Intelligence and Machine Learning, moved the recommendations of the 3rd Board of Studies of **B.Tech. Artificial Intelligence and Machine Learning** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was <u>carried</u>

G. B.Tech. Computer Science and Design

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 3rd 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 2022-23.

Appendix CSD

Dr. R. Parthasarathy, Associate Professor & Head, Department of Computer Science and Design , presented the recommendations of the 3rd meeting of the Board of Studies conducted on October 29, 2022.

Dr. R. Parthasarathy, Associate Professor & Head, Department of Computer Science and Design, moved the recommendations of the 3rd Board of Studies of **B.Tech. Computer Science and Design** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

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

H. B.Tech. Computer Science and Engineering (Cyber Security)

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 1st Board of Studies of Department of Computer Science and Engineering (Cyber Security) for **B.Tech. Computer Science and Engineering (Cyber Security)** to be implemented with effect from the Winter semester of the Academic Year 2022-23.

Appendix CSE(CS)

Dr. M. Kavitha, Professor, Department of Computer Science and Engineering , presented the recommendations of the 1st meeting of the Board of Studies conducted on October 22, 2022.

Dr. M. Kavitha, Professor, Department of Computer Science and Engineering, moved the recommendations of the 1st Board of Studies of **B.Tech. Computer Science and Engineering (Cyber Security)** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was <u>carried</u>

I. **B.Tech. Computer Science and Engineering (Data Science)**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 1st Board of Studies of Department of Computer Science and Engineering (Data Science) for **B.Tech. Computer Science and Engineering (Data Science)** to be implemented with effect from the Winter semester of the Academic Year 2022-23.

Appendix CSE(DS)

Dr. M. Kavitha, Professor, Department of Computer Science and Engineering , presented the recommendations of the 1st meeting of the Board of Studies conducted on October 22, 2022.

Dr. M. Kavitha, Professor, Department of Computer Science and Engineering, moved the recommendations of the 1st Board of Studies of **B.Tech. Computer Science and Engineering (Data Science)** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was <u>carried</u>

J. **B.Tech. Computer Science and Engineering (Artificial Intelligence and Machine Learning)**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 1st Board of Studies of Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) for **B.Tech. Computer Science and Engineering (Artificial Intelligence and Machine Learning)** to be implemented with effect from the Winter semester of the Academic Year 2022-23.

The Minutes of the BoS meeting

can be accessed here

Dr. M. Kavitha, Professor, Department of Computer Science and Engineering, presented the recommendations of the 1st meeting of the Board of Studies conducted on October 22, 2022.

Appendix CSE (AI&ML)

Dr. M. Kavitha, Professor, Department of Computer Science and Engineering , moved the recommendations of the 1st Board of Studies of **B.Tech. Computer Science and Engineering (Artificial Intelligence and Machine Learning)** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was carried

K. **B.Tech. Mechanical Engineering**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 36th 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 2022-23.

The Minutes of the BoS meeting

can be accessed here

Dr.N. Lenin, Professor & Head, Department of Mechanical Engineering , presented the recommendations of the 36th meeting of the Board of Studies conducted on January 05, 2023.

Appendix MECH

Dr.N. Lenin, Professor & Head, Department of Mechanical Engineering, moved the recommendations of the 36th Board of Studies of **B.Tech. Mechanical Engineering** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

Dr. A. Subrahmanyam, Professor & Dean, School of Law, 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 9th 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 2022-23.

Appendix LAW

Dr. A. Subrahmanyam, Professor & Dean, School of Law, presented the recommendations of the 9th Board of Studies meeting conducted on January 10, 2023.

Dr. A. Subrahmanyam, Professor & Dean, School of Law, moved that "the recommendations of the 9th 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 2022-23", be approved.

Dr.Visumathi, Professor & Head, Department of Information Technology, 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 13th 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 2022-23.

Appendix MultiMedia

Dr. E. Suresh Paul,Professor & Dean - School of Media Technology & Communication, presented the recommendations of the 13th Board of Studies meeting conducted on January 12, 2023.

Dr. E. Suresh Paul,Professor & Dean , School of Media Technology & Communication, moved the recommendations of the 13th Board of Studies of **B.Sc Multimedia** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

Dr. Masoodhu Banu.N.M, Professor & Head, Department of Biomedical 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 13th 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 2022-23.

Appendix Viscom

Dr. E. Suresh Paul,Professor & Dean - School of Media Technology & Communication, presented the recommendations of the 13th Board of Studies meeting conducted on January 12, 2023.

Dr. E. Suresh Paul,Professor & Dean , School of Media Technology & Communication, moved the recommendations of the 13th Board of Studies of **B.Sc Visual Communication** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was carried.

c) **Bachelor of Commerce (B.Com.)**

The Vice Chancellor, placed before the Academic Council to consider the recommendations of the 25th Board of Studies of **Bachelor of Commerce (B.Com.)** to be implemented with effect from the Winter semester of the Academic Year 2022-23.

Appendix BCom

Dr. J. Sridevi, Assistant Professor & Head, Department of commerce and Business Administration, presented the recommendations of the 25th Board of Studies meeting conducted on December 21, 2022.

Dr. J. Sridevi, Assistant Professor & Head, Department of commerce and Business Administration, moved that "the recommendations of the 25th Board of Studies of **Bachelor of Commerce (B.Com.)** to be implemented with effect from the Winter semester of the Academic Year 2022-23", be approved.

Dr.N. Lenin, Professor & Head, Department of Mechanical Engineering, 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 25th Board of Studies of **Bachelor of Business Administration (B.B.A)** to be implemented with effect from the Winter semester

of the Academic Year 2022-23.

Dr. J. Sridevi, Assistant Professor & Head, Department of commerce and Business Administration, presented the recommendations of the 25th Board of Studies meeting conducted on December 21, 2022.

Appendix BBA

Dr. J. Sridevi, Assistant Professor & Head, Department of commerce and Business Administration,, moved the recommendations of the 25th Board of Studies of **Bachelor of Business Administration (B.B.A.)** to be implemented with effect from the Winter semester of the Academic Year 2022-23, be approved.

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

The motion was carried

41.6 To discuss and approve the UG & PG programmes to be offered in the Academic Year 2023-24.

The Vice Chancellor, placed before the Academic Council to discuss and approve the UG & PG programmes to be offered in the Academic Year 2023-24.

Dr.E. Kannan, Professor & Registrar, presented the UG & PG programmes to be offered in the Academic Year 2023-24.

Table 2: Under Graduate - Engineering Programmes

S.No.	Name of the Programme	Proposed Intake
1	Aeronautical Engineering	60
2	Artificial Intelligence (AI) and Data Science	60
3	Artificial Intelligence and Machine Learning	60
4	Biomedical Engineering	60
5	Biotechnology	60
6	Civil Engineering	60
7	Computer Science and Engineering	1104
8	Computer Science and Design	60
9	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60
10	Computer Science and Engineering (Cyber Security)	60
11	Computer Science and Engineering (Data Science)	60

	12	Electrical and Electronics Engineering	60
	13	Electronics & Communication Engineering	480
	14	Information Technology	60
	15	Mechanical Engineering	60
		Total	**2364**

Table 3: Post Graduate - Engineering Programmes

S.No.	Name of the Programme	Proposed Intake
1	Aeronautical Engineering (Unmanned Aerial Vehicles)	18
2	Big Data Analytics	18
3	Biotechnology	18
4	Computer Science and Engineering	18
5	Embedded Systems and Technologies	18
6	Environmental Engineering	18
7	Industrial Safety and Engineering	18
8	Information and Cyber Security	18
9	Metallurgical and Material Science Engineering	18
10	Network Engineering	18
11	Power Electronics	18
12	Structural Engineering	18
	Total	**216**

Table 4: Post Graduate - Management Programmes

S.No.	Name of the Programme	Proposed Intake
1	MBA	120
	Total	**120**

Table 5: Under Graduate - Law Programmes

S.No.	Name of the Programme	Proposed Intake
1	B.A.,LL.B.(Hons)	120
2	B.COM.,LL.B.(Hons)	120
	Total	**240**

Table 6: Under Graduate - Arts and Science Programmes

S.No	Programme	Proposed Intake
1	Bachelor of Commerce	360
2	Bachelor of Business Administration	60
3	Bachelor of Science (Visual Communication)	30

4	Bachelor of Science (Multimedia)	30
	Total	**480**

Table 7: Post Graduate - Arts and Science Programmes

S.No	Programme	Proposed Intake
1	M.A. (English)	30
2	M.Sc. (Chemistry)	30
3	M.Sc. (Data Analytics)	30
4	M.Sc. (Maths)	30
5	M.Sc. (Physics)	30
	Total	**150**

Dr.E.Kannan, Professor & Registrar, moved that "the approval of UG & PG programmes to be offered for the Academic Year 2023-24", be approved.
Dr. Irudayaraj. S, Professor - Mechanical & Dean - SoMC, seconded it.

The motion was <u>carried</u>

41.7 To discuss and introduce the new specialization - Internet of Things(IoT) in B.Tech. (ECE) with the support of Centre of Excellence by Industry.

The Vice Chancellor, placed before the Academic Council to discuss and introduce the new specialization - Internet of Things(IoT) in B.Tech. (ECE) with the support of Centre of Excellence by Industry.

Dr.P. Chandrakumar, Professor & Dean - Industry Relations, presented the details about list of facilities available at the centre of Excellence for Smart factory initiatives. The centre has been established under CSR initiatives by ZF Commercial Vehicle Control System India Pvt Ltd., Chennai, India. He also presented the proposal to support the new specialization - Internet of Things (IoT) in B.Tech (ECE) through the center of Excellence by the Industry.

Dr.P. Chandrakumar, Professor & Dean - Industry Relations, moved that "the new specialization - Internet of Things(IoT) in B.Tech. (ECE) with the support of Centre of Excellence by Industry", be approved.

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

The motion was <u>carried</u> and the members approved

41.8 To discuss and develop the e-content material in the form of Videos for minimum of 2 courses in each department in every semester.

The Vice Chancellor, placed before the Academic Council to discuss and develop the e-content material in the form of Videos for minimum of 2 courses in each department in every semester.

Dr.A.T. Ravichandran, Professor & Dean Academics, presented about steps taken to develop the e-content material in the form of videos and the facilities available in the institution to record the e-lecture videos. He also presented the list of courses identified for e-content development in Phase-I. Members suggested to have the contents verified by the professors from IIT's, NIT's, IITDM, etc., and the quality should be at par with NPTEL/SWAYAM courses.

Table 8: List of courses recommended to develop e-content

S.No	Name of the Department	Course Code	Course Name	Handling Faculty Name
1	Civil Engineering	10211CE114	Strength of Materials - I	Dr. S. Samson
		10211CE203	Concrete Technology	Dr. K. Nandhini
2	Mechanical Engineering	10212ME128	Artificial Intelligence system in Manufacturing	Dr. Sachin Salunke
		10212ME140	Fundamentals of Machine Learning	Dr. Kanak Kalita
		10211ME105	Applied Engineering Thermodynamics	Dr. P. Sivamurugan
3	Biomedical Engineering	1151BM109	Microprocessor and Microcontrollers	Dr.N.M. Masood Banu, Dr. A. Paramasivam
		1151BM111	Biomedical Instrumentation	Dr.Thiyam Deepa Beeta Ms. Shelishiya
4	Biotechnology	1151BT111	Immunology and Immunotechnology	Dr. V.R. Manoj
		1152BT120	Biopharmaceutical Technology	Ms. V. Sugumari
5	Electronics and Communication Engineering	10212ECE113	Wearable Electronics	Dr. E.D.Kanmani Ruby
		1152EC154	Machine Learning	Dr. S. Jana
6	Electrical and Electronics Engineering	1151EE104	AC Machines	Dr. K. karunanithi
		1151EE102	Electronic Circuits	Dr. Hari Charan Nannam
		10210PH101	Semiconductor Physics	Dr.S.Mani Naidu,
		10210CS102	Computational Thinking	Dr. Suguna, Prof./CSE
7	Management	30211MG111	Financial Management	Dr. Thandayuthapani
		30211MG116	Business Strategy	Mrs. Ms.Felisiya
		U6GBA37	Total Quality Management	Mrs. Susan Jayaseeli
		80211GE113	Cost Accounting	Dr. Gunasekeran.K
7	Law	90181BL122 /90181BC122	Law of Evidence	Mr. Hari Harasudhan
		90181BL401 /90181BC401	Alternative Dispute Resolution	Mr. Hari Harasudhan
8	Media	50211VC208	Photography	Mr.Feroz Khan

		50212MM205	Augmented Reality Virtual Reality	Ms.Renuga Varshini

Dr.A.T. Ravichandran, Professor & Dean Academics, moved that "the steps taken to develope e-content materials in the form of videos.", be approved.

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

The motion was <u>carried</u> and the members approved

41.9   To discuss about to improving the usage of Library resources.

The Vice Chancellor, placed before the Academic Council to discuss about to improving the usage of Library resources.

Dr. Senthil Nayagam.K, Chief Librarian, presented the steps taken/recommended to improved the usage of Library resources.

Members suggested to initiate "Best Library user for the Month" awards among the students, faculty and Non-Teaching members, conduct a competetion every month in the library to motivate more students to visit Library. They also suggests to conduct specific technical assignments using the Library resources.

Dr.Senthil Nayagam.K, Chief Librarian, moved that "the discussion about to improving the usage of Library resources", be approved.

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

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

41.10   To discuss the monitoring and evaluation guidelines of Community Service Project which is introduced in the new Regulations VTR UGE 2021 under Independent Learning.

The Vice Chancellor, placed before the Academic Council to discuss the monitoring and evaluation guidelines of Community Service Project which is introduced in the new Regulations VTR UGE 2021 under Independent Learning.

Dr.A.T. Ravichandran, Professor & Dean Academics, presented the guidelines of Community Service Project which is introduced in the new Regulations VTR UGE 2021 under Independent Learning.

The following is the proposed guidelines for monitoring and Evaluation of Community Service Project (course code: 10214 XX 501) offered under the clause 7.2.5.1 of VTR UGE 2021.

- **Objective:**

1. The students will gain practical understanding of real time problems in society and its challenges.

2. Apply their knowledge & skill, and technology available to solve the issue.

3. Students will learn to respond to social and practical needs.

- **Methodology:**

1. Student(s) as a team or individual will be carrying out survey at their location with the local community groups based on the domain knowledge.

2. Students may interact with local government authorities/communities to identify the problems.

3. Suggest a technology driven best solution in term of prototype model development or develop a new solution for solving the societal problems with the support of a faculty guide in the institution.

- **Evaluations:**

1. The community service project will be evaluated for the 100 marks. (Internal – 40, External - 60)

2. The Internal & External evaluations will be done as per clause 8.2.10 & 8.3.6 under the Regulations VTR UGE 2021.

3. The following components may be given due weightage in the evaluation of community service project.
   a. Survey
   b. Society relevant problem identification.
   c. Regular interaction & updates with the local panchayat/community president.
   d. Novel idea generation.
   e. Prototype/Development of new solution.
   f. Documentation via photo, video with authenticated signatures.
   g. Final Report.

Dr.A.T. Ravichandran, Professor & Dean Academics, moved that "the guidelines of Community Service Project which is introduced in the new Regulations VTR UGE 2021 under Independent Learning", be approved.

Mr.P.Vijayaraman, Assistant Professor & Dean – Incharge (Campus to Corporate), seconded it.

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

C. Items for Consideration

41.11 **To consider and approve the project duration for B.,Tech., programme** *as per the clause 7.2.5.3* **under the Regulations VTR UGE 2021.**

The Vice Chancellor, placed before the Academic Council to consider and approve the project duration for B.,Tech., programme *as per the clause 7.2.5.3* under the Regulations VTR UGE 2021.

Dr.A.T. Ravichandran, Professor & Dean Academics, presented the project duration for B.,Tech., programme *as per the clause 7.2.5.3* under the Regulations VTR UGE 2021.

The minimum duration of the Major Project for B.Tech., programmes as per the clause 7.2.5.3 under Regulations VTR UGE 2021 may be fixed as 4 months (one semester).

Dr.A.T. Ravichandran, Professor & Dean Academics, moved that "project duration for B.,Tech., programme *as per the clause 7.2.5.3* under the Regulations VTR UGE 2021.", be approved.

Dr. M.S.R. Mariyappan, Professor & Dean - SoM, seconded it.

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

41.12 **To consider and approve the Minor & Major projects that can be carried out by the students in Industry/Higher Learing Institutions in India and Abroad/Research organizations for B.,Tech., programme *as per the clause 7.2.5.2 & 7.2.5.3* under the Regulations VTR UGE 2021.**

The Vice Chancellor, placed before the Academic Council to consider and approve the Minor & Major projects that can be carried out by the students in Industry/Higher Learing Institutions in India and Abroad/Research organizations for B.,Tech., programme *as per the clause 7.2.5.2 & 7.2.5.3* under the Regulations VTR UGE 2021.

Dr.A.T. Ravichandran, Professor & Dean Academics, presented the consideration and approval for the Minor & Major projects that can be carried out by the students in Industry/Higher Learing Institutions in India and Abroad/Research organizations for B.,Tech., programme *as per the clause 7.2.5.2 & 7.2.5.3* under the Regulations VTR UGE 2021.

The minor and major projects registered under clause 7.2.5 – Independent Learning, shall be carried out in the major areas/specialization pertaining to the programme approved by the Project Review Committee (PRC). The Minor/Major projects may be carried out in

1. Higher Learning Institutions in Abroad [or].

2. Research organizations in India/Abroad [or]

3. Industry in India [or]

4. In-House Project carried out in the institution.

There will be an external guide, who will be guiding the students in the respective organization under 1, 2 & 3 given above and one internal guide allotted by the PRC from the respective programme will monitor the progress of the student.

In the case of In-House project, the guide from the institutions approved by the PRC will monitor the progress of the student.

Dr.A.T. Ravichandran, Professor & Dean Academics, moved that "the consideration and approval for the Minor & Major projects that can be carried out by the students in Industry/Higher

Learing Institutions in India and Abroad/Research organizations for B.,Tech., programme *as per the clause 7.2.5.2 & 7.2.5.3* under the Regulations VTR UGE 2021.", be approved.

Dr.E.Balasubramanian, Professor & Dean (R & D), seconded it.

The motion was <u>carried</u> and the members approved

41.13   To discuss the guidelines to qualify for pursuing Intensive Semester in the AY 2023-24.

The Vice Chancellor, placed before the Academic Council to discuss the guidelines to qualify for pursuing Intensive Semester in the AY 2023-24.

Dr.A.T. Ravichandran, Professor & Dean Academics, presented the guidelines to qualify for pursuing Intensive Semester in the AY 2023-24.

Details about the CGPA of students registered in the 6th semester during the Academic Year 22-23 winter semester.

Table 9: CGPA Analysis till 5th semester for Intensive semester

CGPA Calculation for 2020 Admitted Batch Intensive Semester AY 2023-24					
Branch	**6th Sem Registered**	**7 & Above**	**7.5 & Above**	**8 & Above**	**8.5 & Above**
Aeronautical	44	32	29	22	15
Automobile	11	7	4	3	-
Bio-Medical	21	17	17	10	4
Bio-Tech	38	33	29	23	12
CIVIL	61	35	30	19	7
CSE	1014	835	792	594	308
ECE	364	250	223	141	59
EEE	35	18	17	16	8
IT	48	36	32	19	8
MECHANICAL	82	56	45	28	10
Grand Total	**1718**	**1319**	**1218**	**875**	**431**
Percentage		**76%**	**70%**	**50%**	**25%**

Dr.A.T. Ravichandran, Professor & Dean Academics, moved that "the guidelines to qualify for pursuing Intensive Semester in the AY 2023-24.", be approved.

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

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

D. Items for Ratification

41.14 **To ratify the admissions of candidates to Doctoral(Ph.D.) level programmes in Engineering and Technology/ Science / Law / Management / Humanities /Arts for Academic Year 2022-23.**

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 2022-23.

Dr. E. Balasubramanian, 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 2022-23.

1. **Summary of Ph.D. International Admission AY 2022-23 (Summer Semester)**

Table 10: International Admission AY 2022-23 (Summer Semester)

S.No.	Department	Applied	Shortlisted	Selected in Interview	Provisionally Admitted	Country
1	Aero	0	0	0	0	Nil
2	Civil	2	2	1	1	Syria - 1
3	Mech	1	1	0	0	Nil
4	IT	0	0	0	0	Nil
5	CSE	2	1	1	0	Nil
6	ECE	0	0	0	0	Nil
7	EEE	1	1	0	0	Nil
8	Biomedical	1	1	1	1	Sudan -1
9	Biotech	0	0	0	0	Nil
10	English	0	0	0	0	Nil
11	Maths	0	0	0	0	Nil
12	Physics	0	0	0	0	Nil
13	Chemistry	0	0	0	0	Nil
14	Law	0	0	0	0	Nil
15	MBA	0	0	0	0	Nil
	TOTAL	**7**	**6**	**3**	**2**	**Syria - 1 Sudan -1**

2. **Summary of Ph.D. National Admission AY 2022-23 (Summer Semester)**

Table 11: National Admission - Summer Semester AY 2022-23

S.No.	Depart -ment	Applied	Short -listed	Selected in Interview	Full Time National	Part Time Part Time Internal	Part Time Part Time External	Total
1	Aero	3	3	3	1	1	1	3
2	Biomedical	3	3	3	0	1	0	1

3	Biotech	4	4	2	0	0	1	1
4	Chemistry	6	6	5	1	1	3	5
5	Civil	4	4	2	0	0	1	1
6	CSE	31	31	13	1	5	7	13
7	ECE	19	19	13	1	1	8	10
8	EEE	5	5	3	0	3	0	3
9	English	12	9	6	5	1	0	6
10	IT	0	0	0	0	0	0	0
11	Law	0	0	0	0	0	0	0
12	Maths	7	7	4	0	1	3	4
13	MBA	0	0	0	0	0	0	0
14	Mech	15	15	10	2	3	3	8
15	Physics	3	3	1	0	1	0	1
	Total	**112**	**109**	**65**	**11**	**18**	**27**	**56**

3. Summary of Ph.D. National Admission AY 2022-23 (Winter Semester)

Table 12: National Admission AY 2022-23 (Winter Semester)

S.No.	Depart-ment	Applied	Short-listed	Selected in Interview	Full Time	Part Time		Total
						Int	Ext	
1	Aero	4	4	2	0	0	2	2
2	Biomedical	3	3	3	1	1	0	2
3	Biotech	3	3	3	0	2	1	3
4	Chemistry	3	3	3	0	1	2	3
5	Civil	3	3	3	1	0	1	2
6	CSE	32	30	23	1	4	14	19
7	ECE	22	22	15	2	1	11	14
8	EEE	1	1	1	0	0	0	0
9	English	7	5	2	1	0	1	2
10	IT	5	5	2	1	1	0	2
11	LAW	0	0	0	0	0	0	0
12	Maths	19	19	14	7	2	4	13
13	MBA	0	0	0	0	0	0	0
14	Mech	13	13	10	4	3	3	10
15	Physics	3	3	2	0	0	1	1
	TOTAL	**118**	**114**	**83**	**18**	**15**	**40**	**73**

Dr. E. Balasubramanian, Professor & Dean - Research Studies, moved that "the Admissions of Ph.D Students during the Academic year 2022-23", be rattified.

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

The motion was carried.

41.15 **To ratify the admissions under Institution Transfer category in Winter Semester of the Academic Year 2022-23.**

The Vice Chancellor, placed before the Academic Council to ratify the list of student admitted through "Institution Transfer category" in Winter Semester of the Academic Year 2022-23.

Dr.E. Kannan, Professor & Registrar, presented that the list of student admitted through Institution Transfer category in Winter Semester of the Academic Year 2022-23.

Table 13: Institute Transfer Student List

S.NO	VTU	DEPT	NAME	Migration From	Year / Sem
1	VTU 24302	Biomedical	K. Jaya Varshini	Karunya Institute of Technology and Sciences	II/IV

Dr.E. Kannan, Professor & Registrar, moved that "the list of student admitted through Institution Transfer category in Winter Semester of the Academic Year 2022-23", be ratified.

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

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

41.16 **To ratify the admissions under Re-Admission category in Winter Semester of the Academic Year 2022-23.**

The Vice Chancellor, placed before the Academic Council to ratify the admissions under Re-Admission category for Winter Semester of the Academic Year 2022-23.

Dr.E. Kannan, Professor & Registrar, presented that the list of students admitted through Re Admission category in Winter Semester of the Academic Year 2022-23.

Table 14: Re Admission category in Winter Semester of the AY 2022-23

SI. NO.	BATCH	VTU NO	NAME	Programme	Department
1	2018-19	VTU12192	Pilliboyina Jagadeesh	B.Tech.	Computer Science & Engineering
2	2018-19	VTU12450	Suriya S	B.Tech.	Electronics & Communication Engineering
3	2018-19	VTU11387	Merugu Sudeepthi	B.Tech.	Electronics & Communication Engineering
4	2019-20	VTA801	Karthikeyan E	B.Sc.	Multi Media
5	2019-20	VTA802	Yukesh R	B.Sc.	Multi Media
6	2019-20	VTU15486	N Bhavani Shankar	B.Tech.	Computer Science & Engineering
7	2019-20	VTU16249	Faizul Aziz	B.Tech.	Computer Science & Engineering

8	2019-20	VTU13652	Polisetty Rohith	B.Tech.	Electronics & Communication Engineering
9	2019-20	VTU15483	Guttha Shiva Prasad	B.Tech.	Electronics & Communication Engineering
10	2019-20	VTU13782	G Kishore	B.Tech.	Information Technology
11	2019-20	VTP2719	Jawad Alam	M.Tech.	Construction Engg & Management
12	2020-21	VTU18230	Gurram Manoj	B.Tech.	Computer Science & Engineering
13	2020-21	VTP2600	Sumith Kumar	M.Tech.	Industrial Safety and Engineering
14	2021-22	VTU19960	Vutla Bhagath Chandra	B.Tech.	Computer Science & Engineering
15	2021-22	VTU21300	Harini M	B.Tech.	Computer Science & Engineering
16	2021-22	VTU21314	Rajasekhar P	B.Tech.	Electrical & Electronics Engineeringg

Dr.E. Kannan, Professor & Registrar, moved to resolve that "the list of students admitted through Re-Admission category for Winter Semester of the Academic Year 2022-23", be ratified.

Dr. K. Jagajjanani Rao, Professor & Head, Department of Electrical & Electronics Engineering, seconded it.

The motion was <u>carried</u>

41.17   **To ratify the examination results of Semester End Examinations held during the Summer Semester of Academic Year 2022-23.**

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 2022-23.

result analysis of the Winter Semester of AY 2021-22 can be accessed <u>here</u>

Dr. R. Sivaraman, Controller of Examinations, presented the UG / PG Programmes result analysis of the courses offered in Summer Semester of AY 2022-23.

Appendix Result Analysis

Dr. R. Sivaraman, Controller of Examinations, moved that "the result analysis of the semester end examination held during Winter Semester of the Academic Year 2022-23", be ratified.

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

The motion was <u>carried</u>

E. Items for Reporting

41.18   To report the NAAC Accreditation status in the second cycle of Accreditation.

The Vice Chancellor, placed before the Academic Council to report the NAAC Accreditation status in the second cycle of Accreditation.

Dr. M. Rajeev Kumar, Professor & Dean - Quality Assurance, reported the NAAC Accreditation status in the second cycle of Accreditation.

Table 15: NAAC criteria-wise score Analysis

	QlM			QnM			Overall			Criterion-wise Grade Point Averages
	Wt*	TM*	MO*	Wt*	TM*	MO*	Wt*	TM*	MO*	
Criteria I	25	100	80	125	500	500	150	600	580	3.87
Criteria II	52	208	172	148	592	473	200	800	645	3.23
Criteria III	23	92	85	227	908	790	250	1000	875	3.5
Criteria IV	39	156	131	61	244	234	100	400	365	3.65
Criteria V	7	28	21	93	372	316	100	400	337	3.37
Criteria VI	45	180	151	55	220	214	100	400	365	3.65
Criteria VII	73	292	257	27	108	104	100	400	361	3.61
	264	**1056**	**897**	**736**	**2944**	**2631**	**1000**	**4000**	**3528**	**3.53**

Wt* - Weightage, TM* - Total Marks, MO* - Marks obtained

Dr. M. Rajeev Kumar, Professor & Dean - Quality Assurance, moved that "report the NAAC Accreditation status in the second cycle of Accreditation", be approved.

Dr. E. Kannan, Professor & Registrar, seconded it.

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

41.19 **To report the results of the Ph.D. viva voce conducted since last Academic Council held on October 08, 2022.**

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 October 08, 2022.

Dr. R. Sivaraman, Controller of Examinations, presented the results of the Ph.D. viva voce conducted since last Academic Council held on October 08, 2022.

Table 16: List of candidates successfully defended their Ph.D. thesis

S.No	Name	Dept	Supervisor Name	Title
1	J. Raja Beryl	CHEMISTRY	Dr. N. Edayadulla	Corrosion Resistance and Mechanial Properties of Polymer-Clay Nanocomposite Coatings for Mild Steel in Chloride Environment
2	S. Ravikumar	CSE	Dr. E. Kannan	Efficient Techniques for Health and Wellness Applications using Machine Learning Algorithms
3	Walunjkar Gajanan Madhavrao	CSE	Dr. V. Srinivasa Rao	Disaster Relief Management using Reinforcement Learning Based Routing
4	A. Sai Suneel	ECE	Dr. S. Shiyamala	Optimized Hybrid Feature Selection Algorithm for Primary user Detection in Spectrum Sensing
5	Mallikharjuna Rao	ECE	Dr. G. Sasikala	Design, Simulation and Analysis of Target based RF MEMS Shunt Capacitive Switch for Recon--figurable Antennas using Artificial Neural Network
6	S. Vinson Joshua	ECE	Dr. A. Selwin Mich Priyadharson	Design and Implementation of Advanced Agricultural Engi--neering Systems and Machine Learning based Crop Yield Prediction
7	R. Kiran Kumar	ECE	Dr. S. Shiyamala	Modeling and Simulation of Hetero Structure Schottky Barrier MOSFET for Low Power Applications
8	S. Vinoth John Prakash	EEE	Dr. P.K. Dhal	Investigation on Standalone Hybrid Microgrid System with Various Solar Tracking System under Different Configurations
9	Shankar Kumar S	MBA	Dr. B. Jeyaprabha	Impact of Digital India Services for Citizen Empowerment: A Study with Reference to Tamilnadu

10	M. Karthick	MECH	Dr. P. Anand	Experimental Investigation and Parametric Optimization of Plasma Arc Cutting on Inconel 718
11	Ganesh R	MECH	Dr. P. Anand	Investigations on the Perfor--mances of Basalt/Kenaf Hybrid Natural Fiber Reinforced Polymer Composites
12	V. Balaji	MECH	Dr. N. Lenin	Investigations on Abrasive Water Jet Drilling of Thermal Barrier Coated Nickel based Superalloy
13	D. Surrya Prakash	MECH	Dr. N. Dilip Raja	Enumeration Of Mechanical Properties, Tribological Behavior, Corrosion Resistance, And Thermal Properties Of Sintered And Extruded Aluminum Matrix Hybrid Composite
14	S. Jebarose Juliyana	MECH	Dr. J. Udaya Prakash	Mechanical Characterization and Optimization of Machining Parameters in Wire EDM and Drilling of Hybrid Aluminium Matrix Composites

Dr. R. Sivaraman, Controller of Examinations, moved that "the results of the Ph. D. viva voce conducted since last Academic Council held on October 08, 2022", be ratified.

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

The motion was <u>carried</u>

41.20   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 Vice Chancellor, placed before the Academic Council 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.

A) **Office of International affairs**

Dr.P. Suresh, Professor & Dean - International Relations, presented the approval of the BoS for syllabus of the courses to be handled by the faculty members of higher learning institutions from Abroad universities.

Dr.P. Suresh, Professor & Dean - International Relations, moved that "the approval of the BoS for syllabus of the courses to be handled by the experts from faculty of higher learning institutions from Abroad universities", be ratified.

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

The motion was <u>carried</u>

B) **Office of the Industry Relations**

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

Table 17: List of Course offered by Industry Experts

S. No	Name of the Course	Expert Details	Students registered	Status
1.	ML Ops: Machine Learning Operations	Dr. Shanmugakumar Murugesan, Founder & CEO, Matik one	30	Ongoing
2.	UI/UX development	Mr. Sachine, Training Manager, Thinkworks Infotech	60	Ongoing
3.	Metaverse	Mr. Y. Srinivasan, Founder & CEO, Grahas VR	60	53 students earned credit
4.	ARM architecture	Dr. P. Rohini, Assistant Professor, IIITDM - Kancheepuram	60	Yet to start
5.	DevOps	Mr. Anil Kumar Sandrapuri, Technical Solutions Leader (Multi Cloud), Kyndryl (IBM Spinoff)	60	54 students earned credit
6.	Federated Learning	Mr. Vimalkumar Kumaresan, Data Science Manager and big data architect, Orion Innovation	60	Yet to start
7.	IoS Apps development	Mr. Narendh Subramani, Senior App deveoper, Capgemini	60	Yet to start

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

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

The motion was <u>carried</u>

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

The Vice Chancellor, 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.

The Progression of SoMC can be accessed here

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

Appendix SOMC

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

Dr. J Visumathi, Professor & HoD – (Information Technology), seconded it.

The motion was <u>carried</u>

B) School of Law

The Progression of SoL can be accessed here

Dr. Subhramanyam, Professor & Dean - School of Law, presented "the progression of the School of Law and academic achievements.

Appendix SoL

Dr.A.Subhramanyam, Professor & Dean School of Law, moved that "the progression and academic achievements of the School of Law", be recorded.

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

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

C) Office of Quality Assurance

Dr. M. Rajeev Kumar, Professor & Dean Quality Assurance, presented the progression and academic achievements of the office of Quality Assurance.

Dr. M. Rajeev Kumar, Professor & Dean Quality Assurance, moved that "the progression and academic achievements of the office of Quality Assurance", be recorded.

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

The motion was <u>carried</u>

E. Closing

41.22   Anyother items with the permission of the Chairperson

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

42nd Regular Meeting of the Academic Council is tentatively scheduled in the **Month of June**.

41.24   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.

41.25   Adjournment

The meeting was adjourned at 2 PM.

AGENDA AND MINUTES OF 16th MEETING OF THE PLANNING AND MONITORING BOARD
on 18.03.2023 at 10.30 a.m.
Venue : International Conference Hall.

AGENDA

	A. OPENING	
16.1	*To record the notice of convening 16th Meeting of the Planning and Monitoring Board on March 18, 2023.*	
16.2	*To consider the minutes of 15th Meeting of the Planning and Monitoring Board held on March 25, 2022.*	
16.3	*To review the action taken on the decisions of the previous meeting held on March 25, 2022.*	
16.4	*To approve and record the Agenda of the 16th Meeting of the Planning and Monitoring Board on March 18, 2023.*	
16.5	*To inform the Board about the leave of absence of the members.*	
	B. ITEMS FOR CONSIDERATION AND APPROVAL	
16.6	*To consider and recommend the establishment of New building facilities / amenities.*	
16.7	*To discuss the proposed intake of students to different UG and PG programmes of this Institution for the Academic year 2023-24.*	
16.8	*To discuss and introduce the new specialization - Internet of Things (IoT) in B.Tech. (ECE) with the support of Centre of Excellence by Industry*	
16.9	*To discuss and develop the e-content material in the form of Videos for minimum of 2 courses in each department in every semester.*	
	C. ITEMS FOR DISCUSSIONS AND DECISIONS	
16.10	To discuss the plan of action and assignment of tasks to various Deans/HoDs in the process of attainment of goals as per the Strategic Plan.	
	D. ITEMS FOR REPORTING	
16.11	*To report the NAAC assessment of accreditation to the Institution in the second cycle.*	
	E. CONCLUSION	
16.12	*Any other item with the permission of the Chairperson.*	
16.13	*To fix the date for holding the next meeting of the Planning & Monitoring Board.*	
	VOTE OF THANKS	

MEMBERS OF THE BOARD

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

2. Dr. S. Shanmugavel,   External Member
   Formerly Registrar of Anna University,
   Director of National Engineering College,
   Kovilpatti.

3. Dr. B. Ramamoorthy,   External Member
   Formerly Professor, IIT, Madras
   Advisor (Academic)-PSG Institutions,
   Coimbatore.

4. Dr. Ligy Philip,   External Member
   Professor, Dept. of Civil Engineering,
   IIT, Madras, Chennai.

5. Dr. A.T. Ravichandran,   Internal Member
   Dean (Academics),
   Vel Tech.

6. Dr. S. Irudayaraj,   Internal Member
   Dean (SoMC),
   Vel Tech.

7. Prof. M. Sivakumar,   Internal Member
   Dean (FME),
   Vel Tech.

8. Dr. P. Chandrakumar,   Internal Member
   Dean (Industry Relations),
   Vel Tech.

9. Dr. B. Nagalingeswara Raju,   Internal Member
   Dean (Hostels),
   Vel Tech.

10. Prof. Dr. E. Kannan,   Secretary
    Registrar,
    Vel Tech.

MINUTES OF THE 16th MEETING
OF THE
PLANNING AND MONITORING BOARD

A. Opening

The Chairperson extended a warm welcome to the members especially the external members for participating in the meeting amidst their busy schedules and the internal members. The Chairperson has highlighted some of the significant academic activities took place in the academic year 2022-23 such as Induction programme, commencement of offline classes, 12th convocation, AICTE / BCI approval for the degree programmes, IEEE Seminar, LAVAZA 23 (the intercollegiate cultural student mega fest) Funded projects, Research publications etc. in detail.

The Chairperson informed that he was much elated to inform the august members about the accreditation by the NAAC with A++ to this institution in the second cycle. The proceedings started after the welcome address of the Chairperson.

16.1 **To record the notice of convening 16th Meeting of the Planning and Monitoring Board on March 18, 2023.**

The meeting notice has been sent to all the members on 01.03.2023 and a copy of the meeting notice is placed at Appendix-A.

A. 16th P&M Meeting Notice

Appendix-A Click here

RESOLVED *to record the notice convening 16th Meeting of the Planning and Monitoring Board on March 18, 2023.*

16.2 **To consider the minutes of 15th Meeting of the Planning and Monitoring Board held on March 25, 2022.**

A copy of the minutes of the 15th meeting of the Planning and Monitoring Board is placed at Appendix-B.

Appendix-B Click here

RESOLVED *to approve and record the the minutes of 15th Meeting of the Planning and Monitoring Board held on March 25, 2022.*

16.3 **To review the action taken on the decisions of the previous meeting of Planning and Monitoring Board held on March 25, 2022.**

Table 1: Action Taken Report

Item.No	Subject	Decision	Action Taken
15.5	To consider and recommend the establishment of New building facilities / amenities.	The Board has approved the status of establishment of New buildings, facilities / amenities.	The pending construction work of Hostel F Block First floor and Structural lab have been completed.
15.6	To discuss and approve the Strategic Plan 2021-26 of this Institution.	During discussion, the external members suggested to make use of NPTEL, increase the intake of PG Students, conduct more no. of international conferences on yearly basis, and encourage alumni interaction.	Taken note of the suggestions of the external members. The Action Plan has been drawn wherein tasks assigned to different Deans and Heads for the successful implementation of various targets as per the Strategic Plan are demarcated.
15.9	To discuss the activities connected with Industry relations during the academic year 2022-23.	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 adjunct faculty scheme in force in many institutions.	In addition to the existing adjunct faculty members, few more adjunct faculty members from Industries have been appointed in 2022-23. Presently the Industry Relations office is utilizing the services of 8 Adjunct faculty members and in the office of the International Relations, there are 48 Adjunct faculty members available.

RESOLVED *to approve and record the action taken on the decisions of the previous meeting of Planning and Monitoring Board held on March 25, 2022.*

16.4 To approve and record the Agenda of the 16th Meeting of the Planning and Monitoring Board on March 18, 2023.

RESOLVED *to approve and record the Agenda of the 16th Meeting of the Planning and Monitoring Board on March 18, 2023.*

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

The Chairperson informed that Dr. Ligy Philip conveyed his inability attend the meeting due to pre-occupation.

RESOLVED *to record the leave of absence of Dr. Liggy Philip.*

B. Items for Consideration and Approval

16.6 To consider and recommend the establishment of New building facilities / amenities.

Prof. Irudayaraj, Dean, (SoMC) has presented a note on establishment of new building facilities / amenities. and Prof. B.Nagalingeswara Raju, Dean (hostels) presented the details of the Hostel buildings proposed to be constructed in this academic year as in the Appendix -C given below.

Prof. B. Ramamoorthy informed that virtual campus tours are becoming more and more popular The invention, and continued innovation, of virtual reality (VR) technology has allowed colleges and universities to offer virtual campus tours through the website in the home page. Providing a virtual tour that gives an immersive experience of the campus and teaching facilities helps increase enquiries and applications from overseas students and the member suggested that Vel Tech could provide virtual tour covering different schools and other locations like research park, centre of excellence,TBI, laboratories, hostels etc. which might be largely helpful to the viewers intending to know about various facilities and amenities in the institution campus through the Website.

C. Establishment of New Building

Appendix-C Click here

RESOLVED *to approve the establishment of New building facilities / amenities*

16.7 **To discuss the proposed intake of students to different UG and PG programmes of this Institution for the Academic year 2023-24.**

Prof. E. Kannan, Registrar presented a note on the intake of students to different Under Graduate, Post Graduate programmes of this Institution in Engineering & Technology,Arts, Science, Management and Law for the Academic year 2023-24 as in the table given below:

PROPOSED INTAKE FOR THE ACADEMIC YEAR 2023-24.

Table 2: UNDER GRADUATE - ENGINEERING PROGRAMMES

S.No.	Programme	Proposed Intake 2023-24
1	AERONAUTICAL ENGINEERING	60
2	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	60
3	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	60
4	BIOMEDICAL ENGINEERING	60
5	BIOTECHNOLOGY	60
6	CIVIL ENGINEERING	60
7	COMPUTER SCIENCE & ENGINEERING	1104
8	COMPUTER SCIENCE AND DESIGN	60
9	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	60
10	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	60
11	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	60
12	ELECTRICAL AND ELECTRONICS ENGINEERING	60
13	ELECTRONICS & COMMUNICATION ENGINEERING	480
14	INFORMATION TECHNOLOGY	60
15	MECHANICAL ENGINEERING	60
	TOTAL	2364

Table 3: POST GRADUATE - PROGRAMMES

S.No.	Programme	Proposed Intake 2023-24
1	AERONAUTICAL ENGINEERING (UNMANNED AERIAL VEHICLE)	18
2	BIG DATA ANALYTICS	18
3	BIOTECHNOLOGY	18
4	COMPUTER SCIENCE AND ENGINEERING	18
5	EMBEDDED SYSTEMS AND TECHNOLOGIES	18
6	ENVIRONMENTAL ENGINEERING	18
7	INDUSTRIAL SAFETY AND ENGINEERING	18
8	INFORMATION AND CYBER SECURITY	18

S.No.	Programme	Proposed Intake 2023-24
9	METALLURGICAL AND MATERIAL SCIENCE ENGINEERING	18
10	NETWORK ENGINEERING	18
11	POWER ELECTRONICS	18
12	STRUCTURAL ENGINEERING	18
13	MASTER OF BUSINESS ADMINISTRATION	120
	TOTAL	336

Table 4: UNDER GRADUATE and POST GRADUATE - ARTS & SCIENCE PROGRAMMES

S.No.	Programme	Proposed Intake 2023-24
1	B.Com.	360
2	B.B.A	60
3	B.SC VISUAL COMMUNICATION	30
4	B.SC MULTIMEDIA	30
5	B.A. L.L.B (Hons.)	120
6	B.Com. L.L.B (Hons.)	120
7	M.A., English	30
8	M.Sc., Mathematics	30
9	M.Sc., Physics	30
10	M.Sc., Chemistry	30
11	M.Sc., Data Analytics	30
	TOTAL	870

Prof. B. Ramamoorthy suggests that wherever the department wise intake of students are given, it will be appropriate to mention the department wise FSR ratio also so that it will help to ensure whether the Institution maintaining the prescribed FSR ratio for all programmes or otherwise.

RESOLVED *to approve and record the proposed intake of students for different UG and PG programmes of the institution for the academic year 2023-24.the establishment of New building facilities / amenities*

16.8 To discuss and introduce the new specialization - Internet of Things (IoT) in B.Tech. (ECE) with the support of Centre of Excellence by Industry.

Dr.P.Chandrakumar Dean (Industry Relations) presented a detailed note on the the programme and modus operandi as in the Appendix-D.

D. Internet of Things (IoT)

Appendix-D Click here

Prof. Shanmugvel states that with a view to enhance the employability skills and impart indepth knowledge in emerging areas which are usually not being covered in Undergraduate Degree credit framework, AICTE has come up with the concept of 'Minor Degree' in emerging areas. Minor Degree will carry 18 to 20 credits in addition to the credits essential for obtaining the Under Graduate Degree in Major Discipline i.e. 160 credits usually especially in areas like Artificial Intelligence and Machine Learning, Cyber Security, Data Science, Internet of Things (IoT) etc.and he suggests that the B.Tech. IoT of Vel Tech industry supported programe may also be on the same norms and guidelines.

Prof. B. Ramamoorthy opines that with the support of Industry partners, Vel Tech can conduct value added courses with certification at the end or to consider it as a minor degree for all disciplines not only for ECE.

RESOLVED *to approve the proposal to introduce the new specialization - Internet of Things (IoT) in B.Tech. (ECE) with the support of Centre of Excellence by Industry.*

16.9 **To discuss and develop the e-content in the form of Videos for minimum of 2 courses in each department in every semester.**

Prof. A.T. Ravichandran, Dean(Academics) presented the details of e-content material and the faculty members, who are going to develop e-content videos on the corresponding e-content materials for different courses .
A chart showing the details is placed at Appendix-E.

E. e-content courses

Appendix-E Click here

Prof. B. Ramamoorthy states that the aim of the digital university establishment is to increase the access of higher educational services for the youth and students of India. He pointed out that the Govt. of India in its budget 2022-23 has announced establishment Digital University.The UGC has also notified that 40% of the academic work to be carried out through online. He emphasizes the video lectures to be of good quality in all aspects.

The Video and sound quality should be good enough for which a considerable amount has to be spent from the budget and he hopes that all these initiative will make the attempt reasonably successful. Prof. S.Shanmugavel endorsed the view of Prof. B. Ramamoorthy saying that it is a big task to be undertaken upholding the name and fame of this reputed Institution.

RESOLVED *to approve the proposal for developing the e-content in the form of Videos for minimum of 2 courses in each department in every semester.*

C. Items for Discussion and Decision.

16.10 **To discuss the plan of action and assignment of tasks to various Deans/HoDs in the process of attainment of goals as per the Strategic Plan.**

Dr. M. Rajeev Kumar, Dean(Quality Assurance) presented the assignment tasks entrusted to the Deans and HoDs of the Institution for the accomplishment of goals as per strategic plan and the chart is put up at Appendix-F.

F. Plan of Action

Appendix-F Click here

After eloborate discussions on various aspects specified in the Assignment task, the external members have suggested that the FSR for Arts and Science which was shown as 1:25 would be made 1:20 on the basis of NIRF requirement. Secondly, the members have agreed upon the initiative stipulated to increase 20% qualified faculty members until the target is completed and they advised to fix the target.

The Dean (Quality Assurance) ensured that action would be taken suitably in consultation with the authorities. The third suggestion of the external members was to include a target stipulation for citation intex in the assignment task.

RESOLVED *to approve and record the plan of action and assignment of tasks to various Deans/HoDs in the process of attainment of goals as per the Strategic Plan.*

D. Items for Reporting

16.11 **To report the NAAC assessment of accreditation to the Institution in the second cycle.**

Dr. M. Rajeev Kumar, Dean (Quality Assurance) presented the Categories and the CGPA obtained category wise at the NAAC Accreditation in detail.

Appendix-G Click here

Dr. Prof. Shanmugavel suggested competency evaluation to the teachers once in a year or once in two years will definitely enhance the quality of teaching by inviting outside experts so that the teachers would be aware of improving their teaching skill. Prof. Ramamoorthy has endorsed the view of Prof. Sakthivel suggested that expert teachers should be invited to deliver special lectures on some topics on hourly basis to inspire the teachers of this Institution to know how the experts are making use of their talents as to their way of teaching, way of interaction and with other techniques.

Prof. B. Ramamoorthy pointed out an example as how Prof. Pandurangan, Professor of Computer Science and Engineering, IIT Madras use to teach various concepts of computer science and engineering in classroom using only talk and chalk method without using Power Point or whatever be the modern tools so extensively in his classroom and Prof. B. Ramamoorthy has also pointed out that currently in the VIT Chennai campus B.Tech in CSE, EEE, ECE, and Mechanical Engineering are accredited by ABET while in Vellore Campus, B.Tech in Biomedical, Civil, CSE, ECE, EEE, E&I, Information Technology, Mechanical Engineering and Mechanical with specialization in Automotive Engineering are accredited by ABET. In the US, an engineering program should be accredited by ABET, and the college/University as a whole should be accredited by the regional accreditor. He suggested that Vel Tech might also go for ABET ranking as the Institution is deserved.

Dr. M. Rajeev Kumar, Dean (Quality Assurance) informed that the suggestions of the members would be taken note of for exploring the feasibility for implementation.

RESOLVED *to record the report of the NAAC Accreditation in respect of Vel Tech in the Second Cycle.* .

E. Conclusion

16.12   Any other items with the permission of Chairperson.

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

16.13 **To fix the date for holding the next meeting of the Planning and Monitoring Board.**

It has been decided to hold the next meeting of the Planning and Monitoring in March 2024.

VOTE OF THANKS.

Prof. E. Kannan has thanked all the members particularly the external members for attending the meeting, actively participating in the discussions and offering valuable suggestions. He informed that the suggestions of the members would be included in the minutes which would be sent to all the members shortly for approval.

AGENDA AND MINUTES OF 30th MEETING OF THE FINANCE COMMITTEE on 27.03.2023 AT 03.00 p.m. VENUE : VICE CHANCELLOR CHAMBER.

AGENDA

30.1	*To record the notice of convening 30th Meeting of the Finance Committee scheduled on March 27, 2023.*
30.2	*To approve and record the Agenda of the 30th Meeting of the Finance Committee scheduled on March 27, 2023.*
30.3	*To review the action taken on the decisions of the previous meeting held on November 28, 2022.*
30.4	*To inform the Committee about the leave of absence of the members.*
30.5	*To approve and record the minutes of the 29th meeting of the Finance Committee held on November 28, 2022.*
30.6	*To discuss and approve the Proposed Budget for the Financial year 2023-24.*
30.7	*To approve and record the Audited Balance Sheet for the Financial Year 2021-22.*
30.8	*To approve and record the Internal Audit report of the Accounts pertaining to the Financial Year 2022-23.*
30.9	*Any other item with the permission of the Chairperson.*
30.10	*To fix the date for holding the next meeting of the Planning & Monitoring Board.*
	VOTE OF THANKS

MINUTES

MEMBERS PRESENT

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

2. Mrs. Rangarajan Mahalakshmi Kishore   Trust Nominee
   Chairperson and Managing Trustee,
   Vel Tech.

3. Prof. Dr. V. Jayasankar,   BoM Nominee
   Professor, Dept. of ECE
   Vel Tech.

4. Prof. Dr. E. Kannan,   BOM Nominee
   Registrar,
   Vel Tech.

5. UGC Nominee   Name - not received from UGC

6. Mr. P. Sakthi Ajay   Secretary
   Finance Officer,
   Vel Tech.

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.

30.1   To record the notice of convening 30th Meeting of the Finance Committee scheduled on March 27, 2023.

A copy of the 30th Finance Committee meeting notice is placed at Appendix-A.

A. 30th FCM Notice

Appendix-A Click here

RESOLVED *to record the notice of convening 30th Meeting of the Finance Committee scheduled on March 27, 2023.*

30.2 To approve and record the Agenda of the 30th Meeting of the Finance Committee scheduled on March 27, 2023.

The Agenda of the 30th Finance Committee meeting is given in the page number 1.

RESOLVED *to record Agenda of the 30th Finance Committee meeting of the Finance Committee scheduled on March 27, 2023.*

30.3 To review the action taken on the decisions of the previous meeting held on November 28, 2022.

The Action Taken Report on the items of the previous Finance Committee meeting held on November 28, 2022 is given below:

Table1: Action Taken Report

Item.No	Item	Decision Taken	Action Taken
29.4	To approve and record the actual expenditure against the budget and committed expenditure for the period from April 01, 2022 to October 31, 2022.	The FC approved the actual expenditure against the budget and committed expenditure for the period from April 01, 2022 to October 31, 2022 and the committee authorized the Finance Officer for re-appropriation of budget allocations according to merit subject to ratification by the Finance Committee.	The Finance Officer has presented the Re-appropriation of budget allocations made in the Budget of 2022-23 as in the Appendix-B given below.
29.5	To record and approve the half-yearly Balance Sheet for the financial year 2022-23.	The Finance Committee approved the half-yearly Balance Sheet for the financial year 2022-23.	RECORDED

B. (29.4) Re-appropriation

Appendix-B Click here

RESOLVED *to record Action Taken Report on the items of the previous Finance Committee meeting held on November 28, 2022.*

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

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

30.5   To approve and record the minutes of the 29th meeting of the Finance Committee held on November 28, 2022.

A copy of the minutes of the 29th FC meeting is placed below at Appendix-C.

C. 29th FCM Minutes

Appendix-C Click here

RESOLVED *to approve and record the minutes of the 29th meeting of the Finance Committee held on November 28, 2022.*

30.6   To discuss and approve the Proposed Budget for the Financial year 2023-24.

The Finance Officer has presented the salient features of the Budget 2023-24 at the time of the meeting. After elaborate discussion on the budget allocations provided under different Account heads, the Finance Committee accepted the Budger of 2023-24.

RESOLVED *to approve and record the Proposed Budget for the Financial year 2023-24.*

30.7   To approve and record the Audited Balance Sheet for the Financial Year 2021-22.

The Finance Officer has presented the Audited Balance Sheet for the Financial Year 2021-22 as in the Appendix-D.

D. Audited Balance Sheet

Appendix-D Click here

RESOLVED *approve and record the Audited Balance Sheet for the Financial Year 2021-22.*

30.8   To approve and record the Internal Audit report of the Accounts pertaining to the Financial Year 2022-23.

The Finance Officer has presented the Internal Audit report of the Accounts pertaining to the Financial Year 2022-23.

E. Internal Audit report

Appendix-E Click here

RESOLVED *approve and record the Internal Audit report of the Accounts pertaining to the Financial Year 2022-23.*

30.9   Any other items with the permission of the Chairperson.

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

30.10   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 November 2023.

VOTE OF THANKS

The Finance Officer thanked all the members for actively taking active part in the discussions.

With theVote of thanks, the meering has come to a close.

S.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	16REME1016	D. Surrya Prakash	MECH	05.01.2023 Date	21.01.2023	Dr. N. Dilip Raja	*Enumeration of Mechanical Properties, Tribological Behavior, Corrosion Resistance, And Thermal Properties Of Sintered And Extruded Aluminum Matrix Hybrid Composite*	Dr. Hakan Gurun,Associate Professor,Department of Manufacturing Engineering,Gazi University,Mevlana Bulvari 4806560, Ankara/Yenimahalle	Dr. N. Beemkumar,Associate Professor,Faculty of Engineering and Technology,Jain (Deemed-to-be University),Ramanagara District 560 069, Karnataka	5	1	-	6	-	1. Surrya Prakash, D. and Dilip Raja, N., (2021). Investigation of Tribological Behavior on the Mechanical Properties of TiB2, Al2O3 Reinforced AA6061 Matrix Sintered Hybrid Composites. Iranian Journal of Materials Science and Engineering, pp.1-13. 2. Prakash, S., Mariappan, R., Pillai, B.T., Reddy, D.A. and Selvakumar, S., (2018). Influential parameters affecting quality of green compacted AA6061+ MWCNT metal matric composite created using powder metallurgy route. Int. J. Mech. Prod. Eng. Res. Dev., 4, pp.113-118. 3. Prakash, D.S. and Raja, N.D., (2021). Investigation of tensile strength, hardness and wear of titanium diboride reinforced AA6061 composite. Materials Today: Proceedings, 46, pp.3712-3715. 4. Raja, N.D. and Prakash, D.S., (2020). Experimental investigation of hardness and effect of wear on sintered composites containing AA6061 matrix and TiB2/Al2O3 reinforcements. In IOP Conference Series: Materials Science and Engineering (Vol. 988, No. 1, p. 012104). IOP Publishing. 5. Prakash, D.S., Mariappan, R., Anand, J.V., Sundar, D.J. and Dinesh, K., (2018). A review on latest development of aluminium alloy metal matrix composite through powder metallurgy route. International Journal of Mechanical and Production Engineering Research and Development, 2018, pp.235-241.
2	17RECS1002	S. Alex David	CSE	01.03.2023	17.03.2023	Dr. C. Mahesh	*Retinal Blood Vessel Segmentation using Deep Learning*	Dr. Giedrimas Vaidas Associate Professor Department of Computer Science Siauliai University Lithuania	Dr. A.K. Sampath Associate Professor Department of Computer Science and Engineering, Presidency University, Bangalore	3	-	-	3	-	1. Alex David, S., Mahesh, C., (2022), Retinal Blood Vessels and Optic Disc Segmentation Using U-Net. Mathematical Problems in Engineering, Article ID. 8030954. (SCI & Scopus Indexed). 2. Alex David, S., Mahesh, C., (2022), Comparative analysis on U-Net based Retinal Blood Vessel Segmentation, International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI. (Scopus Indexed). 3. Alex David, S., Mahesh, C., (2019), Retinal blood vessel and optic disc segmentation. International Journal of Recent Technology and Engineering, 2019, 8(2), pp. 833–838. (Scopus Indexed).

S.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
3	19RECV1008	Cici Jennifer Raj J	CIVIL	01.03.2023	23.03.2023	Dr. M. Vinod Kumar	*Seismic Analysis of Various Types of RC Framed Buildings with Scrap Tyres as Base Isolator*	Dr. Sayed Bateni,Associate Professor,Department of Civil and Environmental Engineering,University of Hawaii at Manoa / College of Engineering,Holmes Hall, 2540 Dole St., Honolulu,HI 96822, United States	Dr. K. Rajesh Kumar,Associate Professor & Centre Head of Centre for Methods and Materials,Department of Civil Engineering,SR University,Ananthasagar, Hasanparthy Hanumakonda – 506371,Telangana	4	2	1	7	-	1. Cici Jennifer Raj, J. and Vinod Kumar, M. (2022), 'Performance evaluation of eco- friendly scrap tyre base isolation technology in distinct construction quality RC framed buildings located in seismic risk zone', Elsevier: Sustainable Energy Technologies and Assessments, Article ID: 102511, Vol. 53, Part B, pp.1-9. (Scopus and SCIE). 2. Cici Jennifer Raj, J. and Vinod Kumar, M. "Performance of Sand⊣Tyre Mix as the Base Isolation Material under Cyclic Loading", Romania Journal of Materials, 2022, 52 (3), 258 – 264. (Scopus and SCIE). 3. Raj, J.C.J. and Kumar, M.V. (2022), 'Seismic response of low-to⊣ high peak ground acceleration earthquakes in RC framed buildings with scrap tyre as base isolator using fast nonlinear analysis technique', Springer, Asian Journal of Civil Engineering, Vol. 23, pp. 425-441. (Scopus) 4. Cici Jennifer Raj, J. and Vinod Kumar, M. (2022), 'Nonlinear Modal Time History Analysis on RC framed buildings with scrap tyre as the base isolator for Past Indian earthquakes', Springer, Journal of Build Pathology and Rehabilitation, Article ID: 24, Vol. 7, pp. 1-16. (Scopus) 5. Raj, J.C.J. and Kumar, M.V. (2022), 'Investigation on sand-tyre mix base isolation system subjected to static loading', Springer, Journal of Building Pathology and Rehabilitation, Article ID: 54, Vol.7, pp. 1-9. (Scopus) 6. Cici Jennifer Raj, J. and Vinod Kumar, M. (2022), 'Seismic Protection with Different Isolation Materials, Indian Journal of Environmental Protection",
4	17RECS1023	Aparna Shashikant Joshi	CSE	08.03.2023	25.03.2023	Dr. M. Shyamala Devi	*Design of Hybrid Dynamic Degree Balanced Scheduling Method for Heterogeneous Tasks in Public Cloud*	Dr. Seifedine Kadry,Professor,Department of Applied Data Science,Noroff University College,Kristiansand,Norway	Dr. Kannan Shanmugam,Associate Professor,Department of Computer Science and Engineering,VIT University, Bhopal,Kothri Kala, Bhopal-Indore Highway, Sehore,Madhya Pradesh	4	2	2	8	-	1. Aparna S Joshi and Shyamala Devi Munisamy, 2022. In-Depth Analysis of Dynamic Degree Load Balancing Technique in Public Cloud for Heterogeneous Cloudlets. Indonesian Journal of Electrical Engineering and Computer Science, 27(2), pp. 1119-1126 2. Aparna S Joshi and Shyamala Devi Munisamy, 2022. Evaluating the performance of load balancing algorithm for heterogeneous cloudlets using HDDB algorithm. International Journal of System Assurance Engineering and Management, 13, pp. 778–786 3. Aparna S Joshi and Shyamala Devi Munisamy, 2020. Dynamic Degree Balanced with CPU Based VM Allocation Policy for Load balancing. Journal of Information & Optimization, 41(2), pp. 543-553. 4. Aparna S Joshi and Shyamala Devi Munisamy, 2021. Enhancement of cloud performance metrics using dynamic degree memory balanced allocation algorithm. Indonesian Journal of Electrical Engineering and Computer Science, 22(3), pp. 1697-1707 5. Aparna S Joshi and Shyamala Devi Munisamy, 2020. Enhancement of Performance Parameter of Cloud Using Dynamic Degree Balanced with Membership Value Algorithm. International Journal of Advanced Research in Engineering and Technology, 11(8), pp. 664-676 6. Aparna Joshi and M. Shyamala Devi, 2019. Task Scheduling Performance Evaluation of Unreliable Virtual Machines and Cloudlets. Springer Book
5	15REME1016	D. Yogaraj	MECH	13.03.2023	31.03.2023	Dr. M. Amala Justus Selvam	*An Experimental Investigative Analysis of a Single Cylinder Diesel Engine Powered by Quaternary Fuel Blends using Matrix Hybrid Composites*	Dr. Ing. Habil. Ali Cemal Benim,Professor,Department of Mechanical and Process Engineering,Duesseldorf University of Applied Sciences,Munsterstr. 156, D-40476 Dusseldorf Germany	Dr. Gujjala Raghavendra,Associate Professor,Department of Mechanical Engineering,National Institute of Technology,Warangal, Telangana	1	1	-	2	-	1. Yogaraj, D. and Jaichandar, S., 2021. An assessment of various nanoadditives and tribocorrosion with waste cooking biodiesel fueled in a diesel engine. Transactions of the Canadian Society for Mechanical Engineering, 46(2), pp.249-270. [Scopus] 2. Dhanasekaran, Y. and Sriramulu, J., 2022. An outcome of quaternary fuel blended Fe3O4-doped reduced graphene oxide nanocomposite on the diesel engine. Heat Transfer, 51(5), pp.4741-4767. [IF- 0.720]

S.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
6	12RECS1004	R. Jeena	CSE	15.03.2023	31.03.2023	Dr. V. Srinivasa Rao	*Design and Implement Metaheuristic Optimization Algorithms for Optimal Selection of VM and Load Balancing in Cloud Environment*	Dr. Nilgun Sengoz,Professor,Department of Computer Engineering,Burdur Mehmet Akif Ersoy University,Burdur/Turkey	Dr. H. Azath,Associate Professor,Computer Science and Engineering,VIT Bhopal University,Bhopal-Indore Highway, Kothrikalan - 466114,Madhya Pradesh	3	-	-	3	-	1. R.Jeena, Dr.Logesh R. (2022). Optimum Selection of Virtual Machine using Improved PSO in Cloud Environment. International Journal of Computer Networks and Applications (IJCNA), Vol.9(1), pp. 125-134. 2. R.Jeena, P.Sarasu (2019). POPD Disease Diagnosing and Predictions Using Data Mining Algorithms. International Journal of Engineering and Advanced Technology (IJEAT),Vol.8, pp. 258-262. 3. R.Jeena, P.Sarasu (2018). Innovative Protocols Providing Personalized Privacy Protections of Data in Medical Area Cloud Network (Mac-N). Jour. of Adv. Research in Dynamical & Control Systems, Vol. 10, 13-Special Issue, pp.1848-1859
7	13RECS1014	Karthick S	CSE	15.03.2023	31.03.2023	Dr. Gomathi N	*Resource Allocation in IoT using Optimization Technique in Real and Virtual Environment*	Dr. Danilo Pelusi,Associate Professor,Department of Communication Sciences,University of Teramo,Teramo, Italy 64100	Dr. Arup Kumar Pak,Associate Professor,Associate Dean (Automation),Department of Computer Science & Engineering,Indian Institute of Technology (ISM),Dhanbad, Jharkhand - 826004.	2	1	-	3	-	1. S. Karthick, N.Gomathi "Sparrow Search Algorithm-based Resource Management in Internet of Things (IoT)", EAI Endorsed Transactions on Energy Web, ew 22(37): e2, 13-May2021.https://eudl.eu/doi/10.4108/eai.13-5-2021.169915. [Indexing: Scopus; SNIP: 0.336] 2. S. Karthick, N. Gomathi "Galactic Swarm Improved Whale Optimization Algorithm-based Resource Management in Internet of Things (IoT)", International Journal Of Communication Systems (Wiley Pub.), 22-October-2021. https://doi.org/10.1002/dac.5006. [Indexing: Science Citation Index; Impact factor: 2.047] 3. S Karthick S., Gomathi N. (2021), "Resource Management in Wireless IoT Using Gray Wolf Optimisation Framework", In: Proc. Advances in Intelligent Systems and Computing, vol 1172. Springer, Singapore. https://doi.org/10.1007/978-981-15-5566-4_62 [Indexing: Scopus]

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

Office of Campus to Corporate

Report on Placements during 2022-23

We have placed 1181 students out of 1993 enrolled students for placement in 236 companies so far. The highest salary package offered was 12.12 LPA and average salary package offered to the students 4.56 LPA.

Over all Placement/Higher studies information is given below:

Students completed semester registration	2831
Students enrolled for placement	1993
Students placed	1181
Students enrolled for higher studies	432
Students got admission	94
Placement % against semester registration	42%
Placement % against placement enrolment	59%
Highest Salary	12.12 LPA
Average Salary	4.56 LPA
Median Salary	4.0 LPA

Placement Status

Category	2021-22	2022-23
Students enrolled for 7TH Semester	2195	2831
Students enrolled for placement	1935	1993
Students Placed	1461	1181
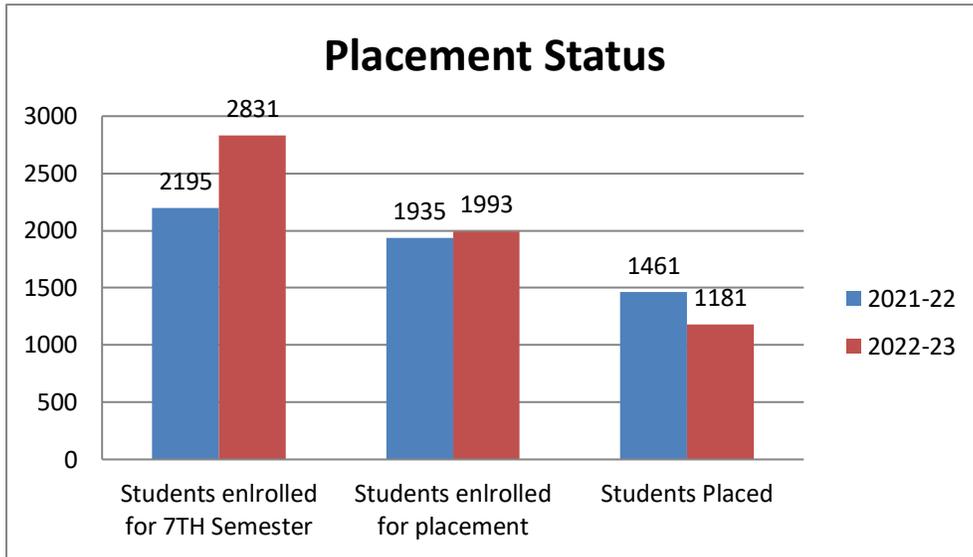
*2022-23 placement as on 30-Mar-2023

Compensation

Year	Median Salary	Average Salary
2021-22	400000	450000
2022-23	400000	456000

No of Companies

	Number of companies	In-progress
2021-22	255	0
2022-23	236	33
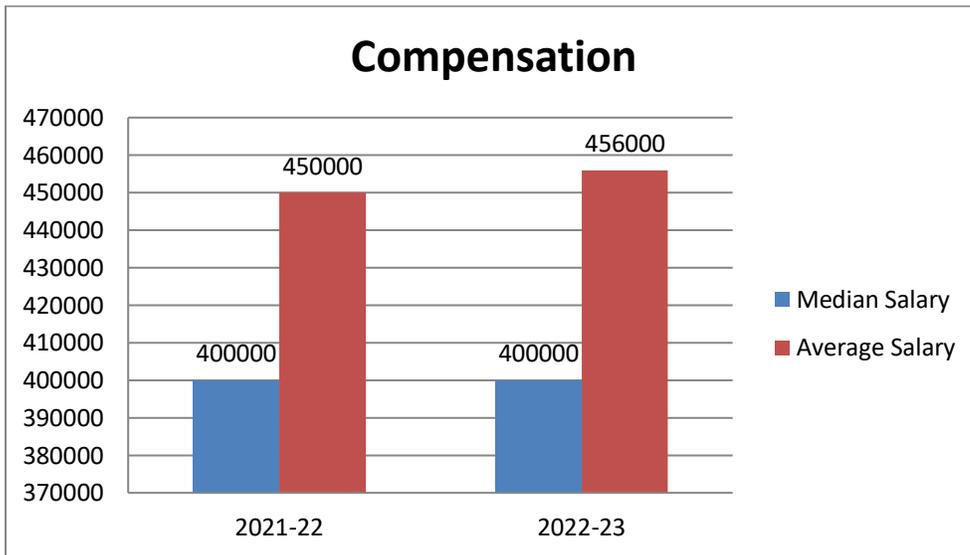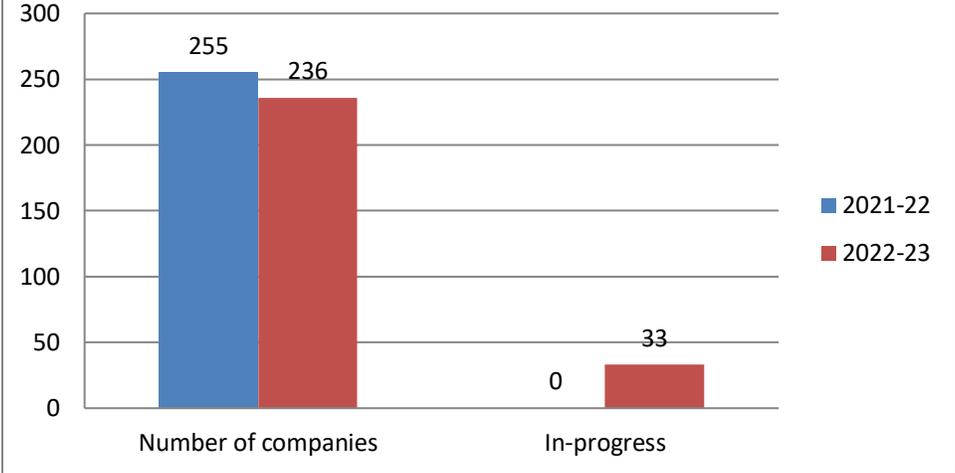
Research & Development Activities

(2022-23)

Presented By

E. Balasubramanian
(Dean – R&D)

Funded Research Projects - Sanctioned

S.No	Title of the Project	Funding Agency	Associated Departments	Collaborative Institute	Amount
1	Optimizing Supersonic Co-Axial Nozzle design for Mixing Enhancement	SERB	Mechanical	IIT Madras	₹ 18,30,000
2	Additive manufacturing of Osteogenic and infection resistant bone tissue engineering scaffolds	SERB	Mechanical	IIT Madras	₹ 18,30,000
3	Fabrication of Graphene coated Cu heat sink for electric vehicle battery thermal management	SERB	Mechanical	IIT Mandi	₹ 18,30,000
4	High strain rate characterization of additive manufactured materials for ballistic loading applications	SERB	Mechanical	Central Manufacturing Technology Institute	₹ 18,30,000
5	Optimization of Solar photovoltaic based water pumping performance with DC Motor	SERB	Mechanical	National Institute of Solar Energy	₹18,30,000

Funded Research Projects - Sanctioned

S.No	Title of the Project	Funding Agency	Associated Departments	Collaborative Institute	Amount
6	UAV Based In-situ Measurements and Hyper spectral Analysis for Water Quality Mapping and Developing Remediation Strategies	SERB	Mechanical	---	₹ 42,54,035
7	Microbial Recovery of Biogenic Methane from Coal Rejects with CO2 Seqestration using Noval Hybrid Geo-photo Bio Reactor and Reclamation of the Site	DST	Biotechnology	NIT-Calicut Industrial Partner: SCCL Mines (Telugana)	₹ 3,72,567
8	Development of sensing systens 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 Substainable Development-Imphal	₹ 29,98,560

Funded Research Projects - Sanctioned

S.No	Title of the Project	Funding Agency	Associated Departments	Collaborative Institute	Amount
9	Design of Cascaded Adaptive Control with O2 and Temperature data of Combustion Images for Optimization of Boiler Combustion Processes in a Thermal Power Plant.	CPRI	Mechanical & ECE	---	₹ 29,88,000
10	Biogenic Methane production from lignite coal for domestic usage	Anna University	Biotechnology	NLCIL, Neyvile	₹ 12,00,000
11	Target Recognition using UWA in Under water environment	---	Biomedical & Mechanical	---	₹ 4,00,000
12	Development of Efficient Swarm Intelligence Based Optimization algorithm using Fractional Calculus for Diagnosis of Muscle Disorders.	SERB	ECE	IIT-Madras	₹ 18,30,000

Funded Research Projects - Sanctioned

S.No	Title of the Project	Funding Agency	Associated Departments	Collaborative Institute	Amount
13	Performance of phase change material based heat sink embedded with open cell metal foam through powder metallurgy route for thermal energy storage	SERB	Mechanical	ARCI	₹ 18,30,000
14	DEVELOPMENT OF VERY HIGH VOLUME ULTRA FINE FLYASH CONCRETE CAST USING CONTROLLED PERMEABLE FORMWORK LINER	SERB	Civil	NIT-Trichy	₹ 18,30,000
15	PERFORMANCE ANALYSIS OF ORGANIC AND BIO-BASED PHASE CHANGE MATERIALS ON BUILDING COOLING APPLICATIONS	SERB	Mechanical	IIITDM-Kanchipuram	₹18,30,000
16	IMPACT ASSESSMENT OF SHYAMA PRASAD MUKHERJI RURBAN MISSION (SPMRM) IN TAMIL NADU – AN EMPIRICAL STUDY	Indian Council of Social Science Research(ICSSR)	SoL	---	₹4,55,000

Funded Research Projects - Sanctioned

S.No	Title of the Project	Funding Agency	Associated Departments	Collaborative Institute	Amount
17	"RES-IIRS-2022-001: Al (Artificial Intelligence and Remote Sensing Applications in Soil & Crop Management"	ISRO	ECE	---	₹21,30,824
18	Development of Stable Natural Foaming Agents from Plant Sources of NE Region	DBT	Biotechnology	DBT-APSC S&T Centre of Excellence for Bioresource and Sustainable Development, Andhra Pradesh	₹39,58,840
	Rs. 3,52,27,286				

Funded Research Projects - Submitted

Dept.	No. of Faculty Members with PhD	No. of Proposals Submitted	No. of total faculty members involved (incl. as PI)	No. of total faculty members involved (incl. as Co-PI)
Aero	7	9	7	2
Auto	4	1	0	1
Biomedical	7	8	7	5
Biotechnology	13	23	18	19
Chemistry	21	5	5	0
Civil Engineering	11	17	17	3
Commerce & Business Administration	5	0	0	0
CSE	82	13	12	11
ECE	85	58	56	37
EEE	15	10	10	12
English	12	3	2	1
IT	8	1	1	0
Law	10	3	3	0
Mathematics	40	0	0	0
MBA	10	15	15	0
Mechanical	42	53	44	28
Media	2	0	0	0
Physics	22	1	0	1

Total : 220

Publications : Scopus

Year	As on 31st March 2023
2023	235
2022	1165
2021	729
2020	657
2019	691
2018	737
Total	6024
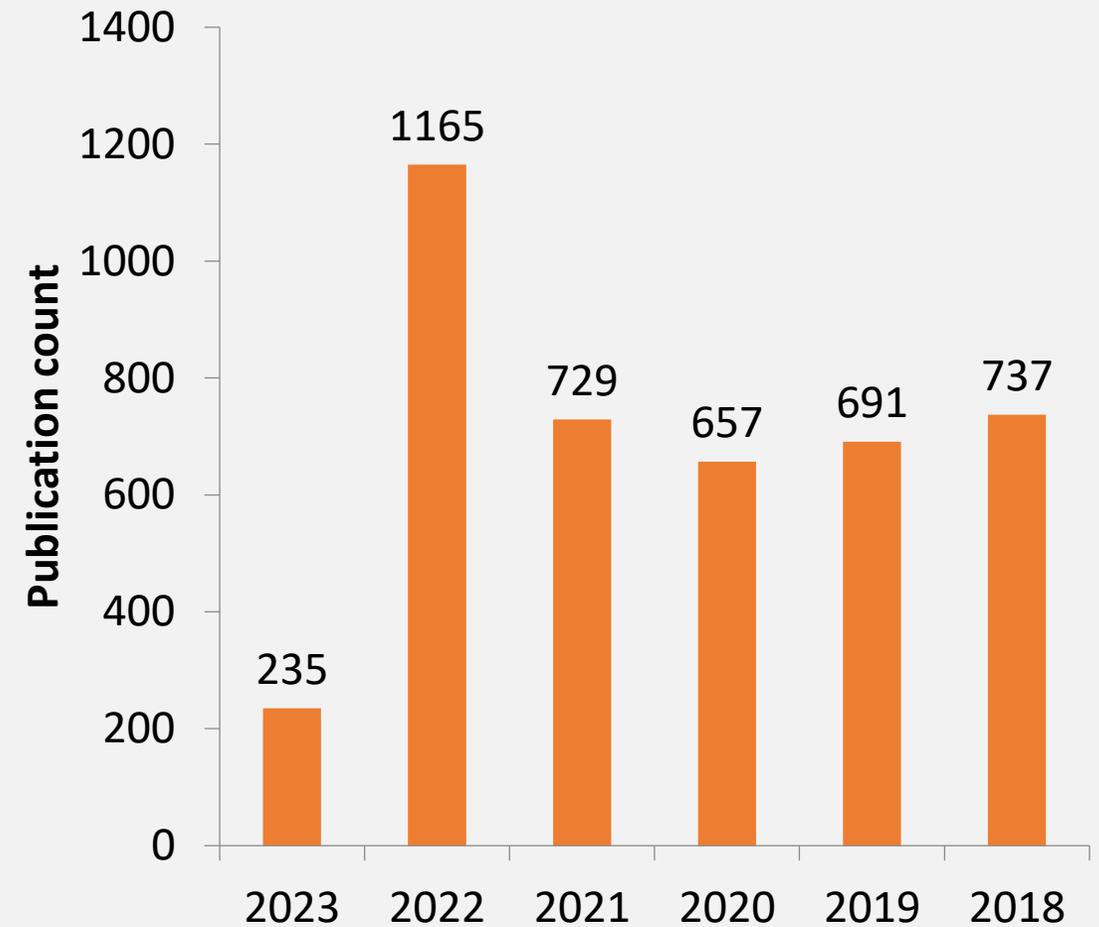
Citations	53350
h-index	117

Publications : Web of Science

Year	As on 31st March 2023
2023	86
2022	574
2021	473
2020	385
2019	287
2018	185
Total	2598
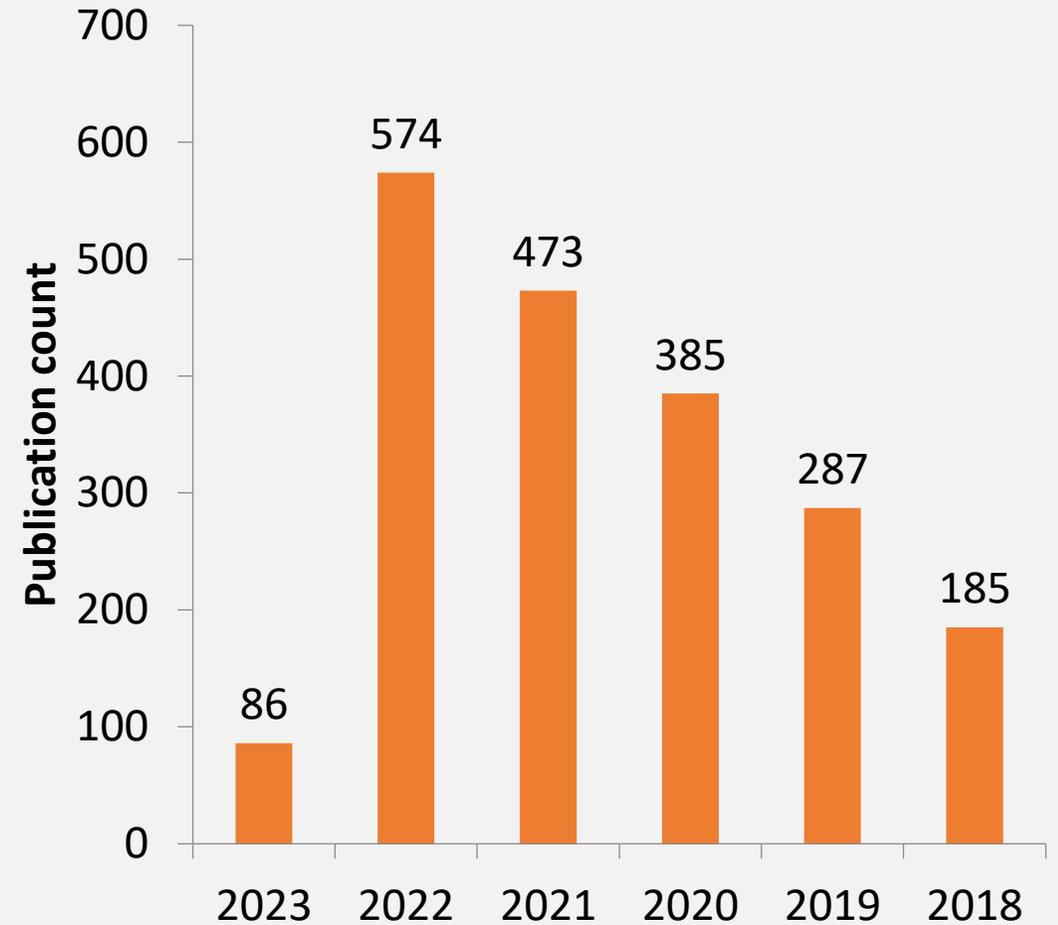
h-index	66
Citations	21288

Research Incentives

Funded Projects Incentive

Department	Number of Projects	No. of Faculty Involved	Amount (Rs)
Biotechnology	2	4	43910
Civil	1	1	13750
ECE	2	3	123150
EEE	1	1	21205
Mech	8	8	230700
Grand Total	**14**	**17**	**4,32,715**

Research Consultancy Incentive

Department	Number of Projects	No. of Faculty Involved	Amount (Rs)
Aero	1	2	3,12,000
ECE		1	1,68,000
Grand Total	**1**	**3**	**4,80,000**

Vel Tech Seed Fund (2022 – 23)

S.No	Dept.	Faculty Name	Project Title	Budget (Rs)
1	Aero	Dr.J. V. Sai Prasanna Kumar	Multilayer thermal barrier coating on carbon-carbon composites	125000
2	Biomedical	Dr. K. Ganeshlenin	Development of nanosystems for analyzing toxic agrochemical residues in cold-pressed and refined edible oils	200000
3	Biotech	Dr. J S S Allwin ebinesar	Synthesis of novel adsorbent for effective removal of both cationic anionic dyes symbiotically- isomorphous substitution mechanism	153000
4	Biotech	Dr.S.Chandramohan	Biocompatibility and toxicological assessment of various nanoparticles using zebrafish and guppy fish models	127879
5	Biotech	Dr. Bisheswar Karmakar	Preparation and utilization of waste-derived novel adsorbents for remediation of wastewater containing pharmaceutical drug metformin or its bio-transformation product guanylurea	188000
6	Chemistry	Dr. N. Haridharan	Synthesis and applications of mesoporous polymeric nanocomposites for co2 sorption	109500
7	Chemistry	Dr.V.Srinivasan	Development of fluorescent nanomaterials and microfluidic paper-based analytical devices	56730
8	Chemistry	Dr. Divya D	Design, synthesis and photophysical activity of small organic ligands for the removal of impurities in the contaminated water samples	56730
9	Chemistry	Dr. Aswathy M. N.	Synthesis and characterization of nitrogen-doped calcium aluminium manganate (ca2almno5+d-xnx) and calcium iron manganate (ca2femno5-xnx) for bifunctional oxygen reduction/evolution reactions	40000
10	Civil	Dr. M. Vinod kumar	Development of lightweight and sustainable fibre reinforced voided composite slabs	117355
11	Civil	Dr.J.Logeshwari	A novel application of recycled concrete aggregate in landfill	108000
12	Civil	Dr.K.Nandhini	Effective utilization of cassava peel ash as sustainable cementitious material	134516

Vel Tech Seed Fund

S.No	Dept.	Faculty Name	Project Title	Budget (Rs)
13	Civil	Dr. B. Ramalingam	Multifunctional Graphene-Metal Hybrid Nanocomposite Aerogel: A Low Cost Point-of-Use Water Purifier for the Treatment of Heavy Metal and Microbial Contaminants	193000
14	ECE	Dr.Padmalaya G	Field Effect Transistor (FET) based chloramphenicol sensor using GO/ZnO nanostructured composite for Environmental applications	193000
15	ECE	Dr.P.Kalpana Devi	Design and Development of AI based spectrum sensing prototype model in SoC for 5G communication	30000
16	ECE	Dr.J.Brittopari	An optimized Multi-channel stackable input perfect reconstruction transmultiplexer for Multicarrier communication	140000
17	ECE	Dr.D.Balasubramaniam	Design and Development of Smart Non-invasive Blood Glucose Monitoring Device	69650
18	ECE	Dr.M. Saravanan	Development of Frequency Selective Surface coupled with Electromagnetic Wave Absorber for Stealth Applications	128000
21	Mech	Dr.Dharmalingam G	Development of 17Cr Ferritic ODS Steel through Metal Additive Manufacturing for High Temperature Applications	160000
22	Mech	Dr.P.Sathyaseelan	Development of Co-Cured with Z-pinning Fiber-Metal Laminated Composites for Aero Wing Application	118590
23	Mech	Dr. M. Siva Kumar	Development, characterization and machinability studies on nano reinforced magnesium fibre metal laminates	150000
24	Mech	Dr J M BABU	Experimental Investigation on The effect of Pilot and Post Injection strategy on diesel Engine Performance and Emissions With Swirler, HHO Gas Along With Acacia Biodiesel	115000
				29,22,190

Patents – Granted

Sl. No.	Title	Dept.	Filed Date	Granted Date
1	Re-configurable Antenna with Adaptive Function	ECE	04.07.2014	24.06.2022
2	Avoidance of Fire accident in train using RF wireless Sensor Network	ECE	24.04.2015	27.06.2022
3	Wireless power transmission - a next generation power transmission system	ECE	21.08.2015	16.08.2022
4	Adaptive Traffic Control and Mapping using Unmanned Aerial Vehicle	MECH	22.03.2016	02.09.2022
5	Water lubricated conical type teflon bearing	MECH	15.06.2010	17.10.2022
6	Helical Blade Swirler for Automobile engine Application	MECH AERO	21.08.2014	17.10.2022
7	Biodegradable Paper Substrate Based Amorphous Bowtie Antenna Structures for Wireless Applications	ECE	20.07.2016	21.11.2022

Patents – Granted

Sl. No.	Title	Dept.	Filed Date	Granted Date
8	Automated Fire Identifying and Extinguishing Robot (AFIER)	MECH	15.07.2015	29.07.2022
9	Non -conventional Energy for Railway Application	EEE	06.07.2010	22.11.2022
10	Virtual vision using arduino with STM32 microcontroller and Raspberry PI	CSE	08.11.2016	22.02.2023
11	Cycle Time Reduction in Assembly Process by Introduction of Self-Tapping Bolt	MECH	27.06.2014	29.03.2023
12	Vision Based Control of Multiple Flapping Wing Micro Aerial Vehicles and Formation Flight	MECH & EEE	06.01.2016	09.01.2023
13	Hill Climbing Problem	CSE	21.08.2015	12.01.2023

Patents – Granted

Sl. No.	Title	Dept.	Filed Date	Granted Date
14	Virtual vision using arduino with STM32 microcontroller and Raspberry PI	CSE	08.11.2016	22.02.2023
15	Cycle Time Reduction in Assembly Process by Introduction of Self-Tapping Bolt	MECH	27.06.2014	29.03.2023
16	Vision Based Control of Multiple Flapping Wing Micro Aerial Vehicles and Formation Flight	MECH & EEE	06.01.2016	09.01.2023
17	Hill Climbing Problem	CSE	21.08.2015	12.01.2023

Patents Filed

Dept.	No. of Patents Filed
Aero	1
Auto	0
Bio Medical	0
Biotech	0
Civil	5
CSE	2
EEE	2

Dept.	No. of Patents Filed
ECE	5
IT	0
LAW	0
MBA	0
Mechanical	3
Media	0
S&H	0

Till Today

Total Patents Filed	Total Published	Granted Till date
163	159	30

Total :18

Targets Achieved

Sl.No.	Particulars	Upto Dec- 2021	CY- 2022 (Targeted)	CY-2022 (Achieved)
1	Publications (Scopus)	4606	6000	6024
2	Publications (Web of Science)	1907	2500	2598
3	Citations (Scopus)	40321	48000	53350
4	Citations (Web of Science)	14347	20000	21288
5	h-index(scopus)	112	117	117
6	h-index(web of science)	59	65	66
7	Total Number of Funded Projects	58	75	76
8	Funded Projects aims to vision of NEP and SDGs	5	10	11
9	Industry-Academia Collaborative Research	5	10	7
10	International Collaborative Research	4	6	5
11	Patents (Application / Grant)	141/ 14	175 /20	163 /30
12	Commercialization	1	5	1

Future Aspects of R & D

Sl.No.	Particulars	Till Now	CY - 2023
1	Publications (Scopus)	6024	7700
2	Publications (Web of Science)	2598	3600
3	Citations (Scopus)	53350	60000
4	Citations (Web of Science)	21288	27000
5	h-index(scopus)	117	122
6	h-index(web of science)	66	71
7	Total Number of Funded Projects	76	100
8	Funded Projects aims to vision of NEP and SDGs	11	15
9	Industry-Academia Collaborative Research	7	12
10	International Collaborative Research	5	7
11	Patents (Applied / Granted)	163 /30	200/ 40
12	Commercialization	1	5

Fostering Multidisciplinary Research

Promoting Innovation and Entrepreneurship

Vel Tech R&D

Industry and International Collaboration

Serving Society (Vision of SDG and NEP)
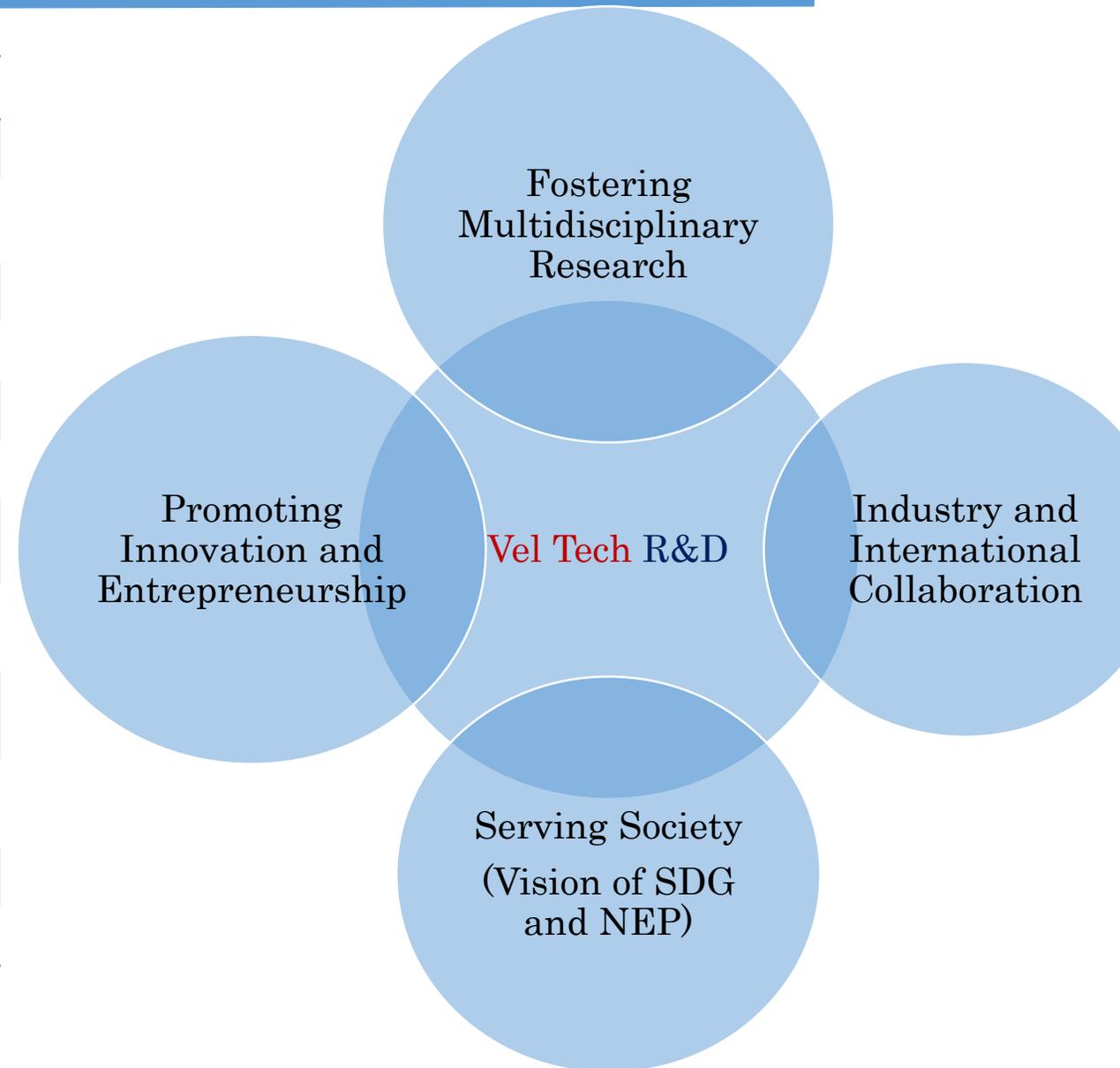
Thank you

Further Details Please Contact

drd@veltech.edu.in / drdoffice@veltech.edu.in

54.12 To discuss the plan of action and assignment of tasks to various Deans/ HoDs in the process of attainment of goals as per the Strategic Plan

Plan of Action (2022-23) – Review Schedule

S. No.	School	Department	Review Date & Time
1	SoC	Computer Science and Engineering	29.03.2023 11.00am to 1.00pm
2		Artificial Intelligence and Machine Learning	
3		Artificial Intelligence and Data Science	
4		Computer Science and Design	
5		Information Technology	
6	SoEC	Electronics and Communication Engineering	30.03.2023 11.00am to 1.00pm
7		Electrical and Electronics Engineering	
8		Biotechnology	
9		Biomedical Engineering	
10	SoMC	Mechanical Engineering	31.03.2023 11.00am to 1.00pm
11		Civil Engineering	
12		Aeronautical Engineering	
13		Automobile Engineering	
14	SoM	M.B.A.	06.04.2023 11.00am to 1.00pm
15		Commerce and Business Administration	
16	SoMTC	Media Technology and Communication	
17	SoL	Law	
18	SSH & FME	Freshmen Engineering	11.04.2023 11.00am to 1.00pm
19		Mathematics	
20		Physics	
21		Chemistry	
22		English	

List of Faculty Joined institution after 7th Jan. 2023

Sl. No.	Faculty_ID	Faculty_Name	Designation	Qualification	Department	Date of Joining	Ph.D. / Non Ph.D.	Gender
1	TTS3544	KALPANA. M	ASSISTANT PROFESSOR	B.L., M.L.,	LAW	1/10/2023	Non Ph.D.	Female
2	TTS3538	Dr. SAHAYA SHEELA.M	ASSISTANT PROFESSOR	B.E., M.Tech., Ph.D.	ECE	1/11/2023	Ph.D.	Female
3	TTS3542	ASWINI. S	ASSISTANT PROFESSOR	B.A.L.L., L.L.M.,	LAW	1/11/2023	Non Ph.D.	Female
4	TTS3543	PRIYANKA. D	ASSISTANT PROFESSOR	B.A., B.L., L.L.M.,	LAW	1/11/2023	Non Ph.D.	Female
5	TTS3529	Dr. HARI CHARAN NANNAM	ASSISTANT PROFESSOR	B.Tech., M.Tech., Ph.D.	EEE	1/12/2023	Ph.D.	Male
6	TTS3540	Dr. MASOOD. M.H	ASSISTANT PROFESSOR	Ph.D.	ECE	1/13/2023	Ph.D.	Male
7	TTS3549	Dr. BALASUBRAMANIAN. G	ASSISTANT PROFESSOR	M.Com., M.Phil., Ph.D.	CBA	1/19/2023	Ph.D.	Male
8	TTS3550	Dr. PRIYA.R.A	ASSISTANT PROFESSOR	B.E., M.Tech., Ph.D.	EEE	1/19/2023	Ph.D.	Female
9	TTS3548	VIJAYENDRA KUMAR. M	ASSISTANT PROFESSOR	B.A., B.L., M.L.,	LAW	1/19/2023	Non Ph.D.	Male
10	TTS3536	Dr. UGANYA.G	ASSISTANT PROFESSOR	B.E., M.E., Ph.D.	ECE	1/20/2023	Ph.D.	Female
11	TTS3547	Dr. ASHWINI.A	ASSISTANT PROFESSOR	B.E., M.E., Ph.D.,	ECE	1/23/2023	Ph.D.	Female
12	TTS3552	Dr. ANISH PON YAMINI.K	ASSISTANT PROFESSOR	B.E., M.Tech., Ph.D.	ECE	1/23/2023	Ph.D.	Female
13	TTS3554	Dr. RAJENDIRAN.P	ASSISTANT PROFESSOR	B.E., M.E., Ph.D.,	ECE	1/23/2023	Ph.D.	Male
14	TTS3545	Dr. BABURAO PASUPULETI	ASSISTANT PROFESSOR	B.Tech., M.Tech., Ph.D.	EEE	1/23/2023	Ph.D.	Male
15	TTS3553	Dr. VIGNESH.U	ASSOCIATE PROFESSOR	B.Tech., M.Tech., Ph.D.	IT	1/23/2023	Ph.D.	Male
16	TTS3541	Dr. BALAMURUGAN.M	ASSISTANT PROFESSOR	M.Sc., M.Phil., Ph.D.,	MATHEMATICS	1/23/2023	Ph.D.	Male
17	TTS3555	Dr. KARTHIKEYAN. M	ASSISTANT PROFESSOR	B.B.A., M.B.A., Ph.D.	CBA	1/24/2023	Ph.D.	Male
18	TTS3551	Dr. NANDHINI.K	ASSISTANT PROFESSOR	M.E., Ph.D.	CIVIL	1/25/2023	Ph.D.	Female
19	TTS3539	Dr. A.CHITHAMBAR GANESH	ASSOCIATE PROFESSOR	Ph.D.	CIVIL	2/6/2023	Ph.D.	Male
20	TTS3557	STARLIN. M. A	ASSISTANT PROFESSOR	M.E.,	CSE	2/14/2023	Non Ph.D.	Female
21	TTS3558	Dr. LALITHA. S	ASSOCIATE PROFESSOR	M.E., Ph.D.	CSE	2/16/2023	Ph.D.	Female
22	TTS3559	GIRIJA. P	ASSISTANT PROFESSOR	B.E., M.E.,	CSE	2/16/2023	Non Ph.D.	Female

Sl. No.	Faculty_ID	Faculty_Name	Designation	Qualification	Department	Date of Joining	Ph.D. / Non Ph.D.	Gender
23	TTS3556	Dr. BANU PRIYA. P	ASSISTANT PROFESSOR	M.E., Ph.D.	ECE	2/21/2023	Ph.D.	Female
24	TTS3560	Dr. AALAN BABU. A	ASSISTANT PROFESSOR	M.E., Ph.D.	CSE	2/22/2023	Ph.D.	Male
25	TTS3561	Dr. GAAYATHRI. K. K	ASSISTANT PROFESSOR	M.E., Ph.D.	CIVIL	2/27/2023	Ph.D.	Female
26	TTS3562	INDHUMATHI.J	ASSISTANT PROFESSOR	B.E., M.E.,	CSE	2/27/2023	Non Ph.D.	Female
27	TTS3566	SUBHA BALAMURUGAN	ASSISTANT PROFESSOR	M.A., M.Phil.,	ENGLISH	3/9/2023	Non Ph.D.	Female
28	TTS3568	Dr. ROSI. A	ASSISTANT PROFESSOR	M.E., Ph.D.	ECE	3/13/2023	Ph.D.	Female
29	TTS3575	Dr. SARAVANA KARTHIKEYAN. M	ASSISTANT PROFESSOR	M.E., Ph.D.	CSE	3/15/2023	Ph.D.	Male
30	TTS3576	Dr. VIJAYALAKSHMI. K	ASSISTANT PROFESSOR	M.E., Ph.D.	CSE	3/15/2023	Ph.D.	Female
31	TTS3569	Dr. RAVISHANKAR. K	PROFESSOR	B.Sc., M.B.A., Ph.D.,	M.B.A.	3/16/2023	Ph.D.	Male
32	TTS3563	Dr. NALINI. N	ASSISTANT PROFESSOR	M.E., Ph.D.	ECE	3/21/2023	Ph.D.	Female
33	TTS3564	Dr. SATHESH. M	ASSISTANT PROFESSOR	M.Tech., Ph.D.	ECE	3/21/2023	Ph.D.	Male
34	TTS3578	Dr. PRITHIVI RAJAN.V	ASSOCIATE PROFESSOR	M.E., Ph.D.	ECE	3/21/2023	Ph.D.	Male
35	TTS3565	Dr. RAJA. C	ASSOCIATE PROFESSOR	M.Tech., Ph.D.	ECE	3/23/2023	Ph.D.	Male
36	TTS3579	Dr. SENKUMAR.M.R	ASSISTANT PROFESSOR	M.E., Ph.D.	ECE	3/25/2023	Ph.D.	Male
37	TTS3580	Dr. JENCY RUBIA.J	ASSISTANT PROFESSOR	M.E., Ph.D.	ECE	3/25/2023	Ph.D.	Female
38	TTS3571	Dr. ANITA JESSIE.J	ASSISTANT PROFESSOR	M.Tech., Ph.D.	CIVIL	3/27/2023	Ph.D.	Female
39	TTS3577	Dr. GAYATHRI.S	ASSISTANT PROFESSOR	M.B.A., Ph.D.	M.B.A.	3/27/2023	Ph.D.	Female
40	TTS3583	Dr. CICI JENNIFER RAJ. J	ASSISTANT PROFESSOR	M.E., Ph.D.	CIVIL	3/29/2023	Ph.D.	Female
41	TTS3582	Dr. VAISHNAVI. T	ASSISTANT PROFESSOR	M.E., Ph.D.	ECE	3/29/2023	Ph.D.	Female

NAAC Accreditation status (Cycle-2)

	QlM			QnM			Overall			Criterion-wise Grade Point Averages
	Weight age	Total Marks	Marks Obtained	Weight age	Total Marks	Marks Obtained	Weight age	Total Marks	Marks Obtained	
Criteria I	25	100	80	125	500	500	150	600	580	3.87
Criteria II	52	208	172	148	592	473	200	800	645	3.23
Criteria III	23	92	85	227	908	790	250	1000	875	3.5
Criteria IV	39	156	131	61	244	234	100	400	365	3.65
Criteria V	7	28	21	93	372	316	100	400	337	3.37
Criteria VI	45	180	151	55	220	214	100	400	365	3.65
Criteria VII	73	292	257	27	108	104	100	400	361	3.61
	264	1056	897	736	2944	2631	1000	4000	3528	3.53

54.16 To report and record the status of Inspection conducted by the NBA for Accreditation of the Departments of Aeronautical, Mechanical and Electrical and Electronic Engineering from 03.03.2023 to 05.03.2023

➢ The National Board of Accreditation (NBA) Expert Team has visited the institution during 03.03.2023 to 05.03.2023 for evaluating the following Three B.Tech. Engineering Programmes

❑ Aeronautical Engineering,

❑ Electrical and Electronics Engineering

❑ Mechanical Engineering

➢ Waiting for Results

Quality is not an Act, It is a Habit

Thank You

Dr. M. Rajeev Kumar, Dean (Quality Assurance)

54.17 To report and record the establishment and inauguration of the Centre of Excellence for Smart Factory Initiatives with the support of M/s. ZF Commercial Vehicle Control System on 23.03.2023
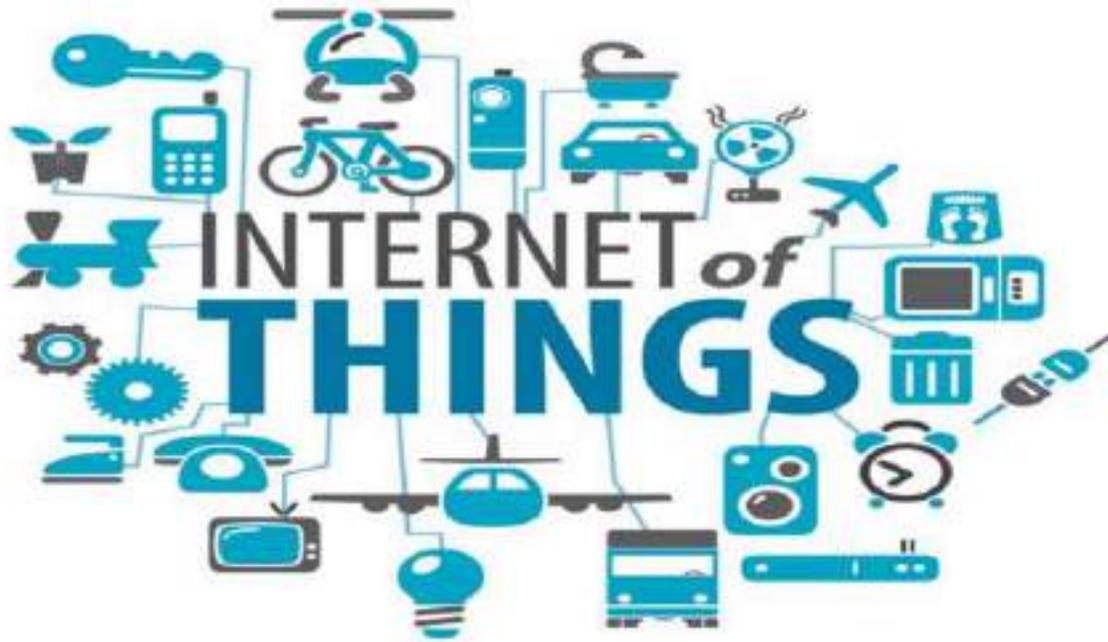
Offered by Department of ECE in Association with CoE for Smart Factory Initiatives Supported M/s. ZF Commercial Vehicle Control Systems India Limited

M/s. ZF Commercial Vehicle Control Systems India Limited Under CSR initiatives
IoT components worth of Rs.7,16,102/-
(Rs.14,00,000/- cost of Smart factory working models)
Space Allocated – 3500 Sq.ft

Centre of Excellence for Smart Factory Initiatives

Scheduled to be inaugurated
On 23th March 2023
at 10.30 AM

Focus Area

Focus Area

Focus Area

- As per the regulation R21, the office of industry relations and department of ECE constituted a faculty committee to come with the courses of total 18 Credits under programme elective and Independent learning 13 Credits (2 Minor projects (4 Credits) and Major project 9 credits) focusing on IoT.

- The ZF agreed to support course delivery and offer both minor and major projects at their industry.

Minimum Credits required in Course Categories (R21):

Course Category	Minimum Credits Required
Foundation Courses	56
Programme Core	58
Special Elective	**18**
Open Elective	12
Independent Learning	14 (13)
Industry / Higher Institute Learning Interaction	2
Professional Proficiency Courses	4
Total	**164**
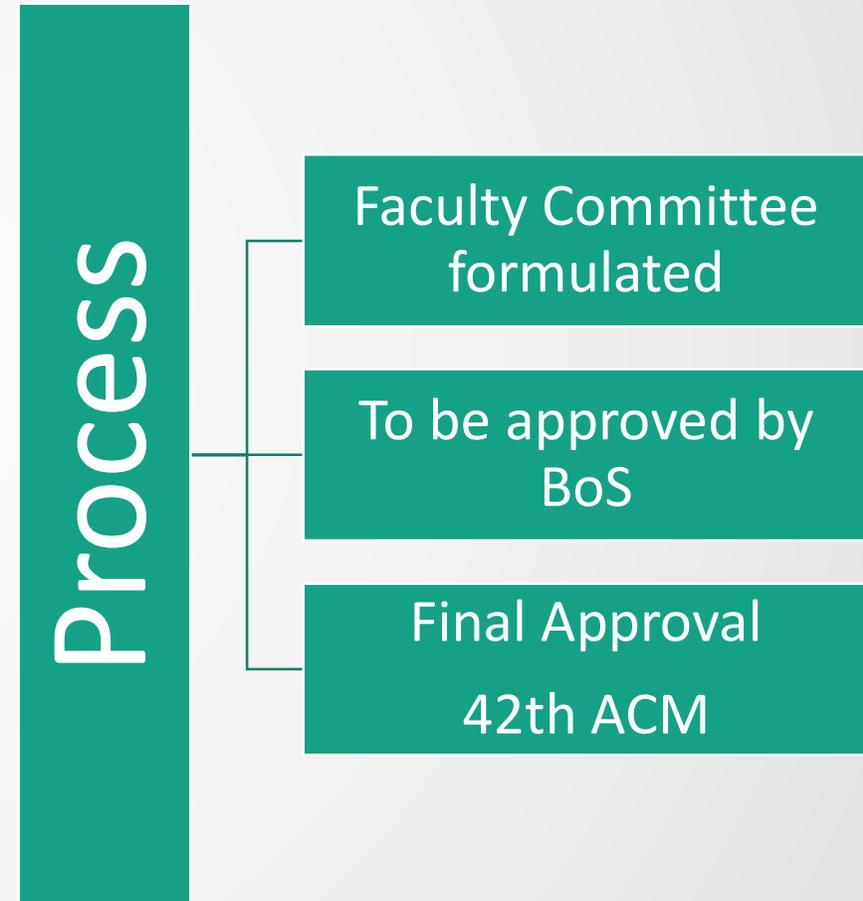
Process

Faculty Committee formulated

To be approved by BoS

Final Approval
42th ACM

List of Credit Courses Offered:

Levels	Topic to be Discussed	Week	Credit Offered
Level 1:	Introduction to IoT, Basic Concepts and Applications	Week-1	Credit-1
Level 2:	Introduction to Sensors and Actuators	Week-2	
Level 3:	Introduction to Wireless Networks	Week-3 & 4	
Level 4:	Introduction to Cloud	Week-5 & 6	Credit-2
Level 5:	Real time IoT Project	Week-7 & 8	

List of Credit Courses Offered:

LEVEL	Week	Lecture Topics	Lab Exercises	Hardware Used
LEVEL 1	**0**	Introduction to IOT, Basic Concepts and Applications	Introduction	IoT Hardware - Sensors, Actuators and Development Boards
	1	Introduction to Hardware Software used in IOT	Write a program that controls an LED and makes it blink.	
			Write a program to read the switch status and turn on or off the LED.	
			Write a program that controls an Seven Segment LED and makes it display "HELLO".	
			Write a program that controls an 16*2 LCD and display "VELTECH UNIVERSITY".	
LEVEL 2	**2**	Introduction to Sensors and Actuators	Introduction to different Sensors and Actuators	IoT Hardware - Sensors, Actuators and Development Boards
		Interfacing Different Sensors, Actuators with Arduino / Raspberry Pi	Write a program to interface a sensor to the GPIO pins of the Arduino / Raspberry Pi.	
			Write a program to control the output device by accessing the sensor using Arduino / Raspberry Pi.	

- **B.Tech – Specialization in Internet of Things (IoT)**

List of Credit Courses Offered:

LEVEL 3	3	Introduction to wireless Networks	Introduction to diferent Wireless Communicating Hardwares	IoT Hardware - Sensors, Actuators, Development Boards and Wireless Modules
		Interfacing Bluetooth, Zigbee with Arduino / Raspberry Pi	Write a program to transmit the data from one device to another device by using Bluetooth or Zigbee.	
		Interfacing GSM, GPS with Arduino / Raspberry Pi	Write a program to transmit the data from one device to another device by using GSM and GPS.	
	4	Interfacing RF transmitter and receiver 433 MHZ with Arduino / Raspberry Pi	Write a program to transmit the data from one device to another device by using RF Modules.	
		Interfacing Z Wave RF Modules with Arduino / Raspberry Pi	Write a program to transmit the data from one device to another device by using Z Wave.	
LEVEL 4	5	Introduction to Cloud	Introduction to IFTTT, MQTT and BLYNK	IoT Hardware - Sensors, Actuators, Development Boards and Wireless Modules
		Introduction to IOT cloud Integration	Write a program to measure the data from remote location by using Cloud Integration.	
	6	Interfacing Different Sensors, Actuators with Cloud	Write a program to measure the data from remote location and control the device by using mobile phone.	

List of Credit Courses Offered:

LEVEL 5	7 & 8	Real time IOT Project	IOT based Asset Tracking (Indoor Position)	IoT Hardware - Sensors, Actuators, Development Boards, Wireless Modules and Industrial Standard Devices
			IOT based Logistics (Location Technologies)	
			IOT based Supply Chain Management (Cellular Based LPWAN Technologies)	
			IOT based Raw Material Environment Monitoring (Non- Cellular Based LPWAN Technologies)	
			IOT based Voice Controlled Devices	
			IOT based Text Controlled Home Appliances	
			Smart Agriculture System	
			Health monitoring by Wearable Devices	
			Smart Car Parking System	
			Smart Environmental Monitoring System	

- **B.Tech – Specialization in Internet of Things (IoT)**

Materials Purchased details(IoT- Components)

S. No	Name of the Supplier	Amount (Rs.)
1	ROBU.IN	3,67,608.20
2	AMAZON	1,68,103.00
3	ROBU.IN	36,130.00
4	DELIGHT	1,44,562.00
TOTAL		7,16,403.20

Some of the working models were made by Students

- Home Automation System Using Google Assistant / Alexa

- Temperature and Humidity Monitoring in Food Quality Service Control

- Smart Energy Monitor using IoT

- Home Automation Using Local Web Server

- Monitor and Diagnose the performance of a Three-Phase Induction Motor
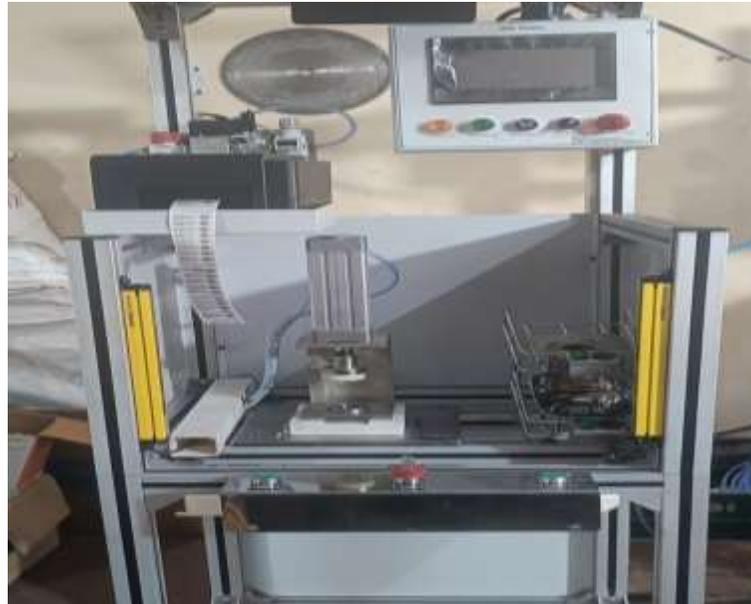
- Security System Using IoT

Commercial Vehicle Solutions

BEARING PRESS STATION **PLATE TIGHTENING STATION** **FINAL INSPECTION**

Bearing Assembly Line: (Rs.14,00,000/-)

Commercial Vehicle Solutions

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

Proposed Skill Development Initiatives

Other Industry Partner

- One week Workshop to our affiliated Engineering college students .
- Polytechnic students - to conduct one week Workshop.
- School students - two days Workshop.

WEBYFY IOT

Webyfy IoT Has carried out extensive work in automatic generation of IoT solutions. The intelligent framework REACH consists of scores of hardware and hundreds of software modules. It has the capability to create multitudes of applications in multiple domains using its configuration engine.

WEBYFY AUTOMATION

Webyfy Automation is engaged in development of systems for controlled micro movement through R&D effort. This facilitates development of engravers for multiple mediums, 3D printers, stacking robots, dispensing machines etc. Webyfy Automation has excellent mechanical design skills used by the sister concern.

Thank you