VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution)

7th Academic Council Meeting - on 20.01.2023

Agenda of the 7th Academic Council Meeting

The following points are lined up for discussion.

1. Consideration and Approval of the Program, **Naalaiya Tiran**, offered by Anna University in Association with the Department of Information and Technology, Government of Tamil Nadu. It is applicable to the Departments of CSE, IT & ECE.
2. Consideration and Approval of courses offered by Anna University in Association with the Government of Tamil Nadu, under the program called **Naan Mudhalvan**, to be included in the current curriculum (R2019) for all the branches of study as to be formulated by the Govt of Tamil Nadu.
3. Consideration and Approval of Internal and External mark allocation from the academic year 2021-2022 onwards. (60 marks Internal & 40 marks external for Laboratory courses & 40 marks Internal & 60 marks external for Theory courses)
4. Consideration and Approval of Relative grading for the theory courses for the students admitted from 2021 onwards & Absolute grading for Practical courses.
5. Consideration and Approval for the revised Regulation 2023 of B.E-Biomedical Engineering, B.Tech-Artificial Intelligence and Data Science, B.E- Computer Science and Engineering, B.Tech-Computer Science and Business Systems, B.E-Electronics and Communication Engineering, B.E-Electrical and Electronics Engineering, B.E-Mechanical Engineering and B.Tech-Information Technology from the academic year 2023-2024 onwards.
6. Consideration and Approval of revised Curriculum and Syllabi for I Semester and II Semester of B.E-Biomedical Engineering, B.Tech-Artificial Intelligence and Data Science, B.E- Computer Science and Engineering, B.Tech-Computer Science and Business Systems, B.E-Electronics and Communication Engineering, B.E-Electrical

and Electronics Engineering, B.E-Mechanical Engineering and B.Tech-Information Technology from the academic year 2023-2024 onwards.

7. Consideration and Approval for the Regulation 2023 of Post-Graduate course M.E VLSI Design and M.E-Embedded System Technologies from the academic year 2023-2024 onwards.
8. Consideration and Approval of Curriculum and Syllabus for I Semester and II Semester of Post-Graduate course M.E VLSI Design and M.E-Embedded System Technologies from the academic year 2023-2024 onwards.
9. Consideration and Approval for Amendment to the admitted students 2021 for B.E. / B. Tech. degree Programme - Anna University – award of UG

   B.E Honours in the same discipline
   B.E Honours with Different verticals
   B.E Minor in other specialization

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution)

Minutes of the Seventh Meeting of the Academic Council Held on 20.01.2023

The Seventh meeting of the Academic Council was held at 10.00 AM on 20.01.2023 under the Chairmanship of Dr.V.Rajamani, Principal.

The minutes of the sixth meeting of the Academic Council held on 27.04.2022 vide VTMT/21-22/ACM/006 dated 27.04.2022 was confirmed as the points discussed in the meeting are recorded.

BUSINESS BROUGHT FORWARD BY THE BOARD OF STUDIES

1. TO CONSIDER and Approve the Program, **Naalaiya Tiran**, offered by Anna University in Association with the Department of Information and Technology, Government of Tamil Nadu. It is applicable to the Departments of CSE, IT & ECE.

   RESOLVED TO approve the Program, **Naalaiya Tiran**, offered by Anna University in Association with the Department of Information and Technology, Government of Tamil Nadu. It is applicable to the Departments of CSE, IT & ECE

2. TO CONSIDER and approve the courses offered by Anna University in Association with the Government of Tamil Nadu, under the program called **Naan Mudhalvan**, to be included in the current curriculum (R2019) for all the branches of study as to be formulated by the Govt of Tamil Nadu.

   RESOLVED TO approve the courses offered by Anna University in Association with the Government of Tamil Nadu, under the program called **Naan Mudhalvan**, to be included in the current curriculum (R2019) for all the branches of study as to be formulated by the Govt of Tamil Nadu.

27/01/2023

3. TO CONSIDER and approve the Internal and External mark allocation from the academic year 2021-2022 onwards. (60 marks Internal & 40 marks external for Laboratory courses & 40 marks Internal & 60 marks external for Theory courses)

RESOLVED TO approve the Internal and External mark allocation from the academic year 2021-2022 onwards. (60 marks Internal & 40 marks external for Laboratory courses & 40 marks Internal & 60 marks external for Theory courses)

4. TO CONSIDER and approve the Relative grading for the theory courses for the students admitted from 2021 onwards & Absolute grading for Practical courses.

RESOLVED TO approve the Relative grading for the theory courses for the students admitted from 2021 onwards & Absolute grading for Practical courses.

5. TO CONSIDER and approve the revised Regulation 2023 of B.E-Biomedical Engineering, B.Tech-Artificial Intelligence and Data Science, B.E- Computer Science and Engineering, B.Tech-Computer Science and Business Systems, B.E-Electronics and Communication Engineering, B.E-Electrical and Electronics Engineering, B.E-Mechanical Engineering and B.Tech-Information Technology from the academic year 2023-2024 onwards.

RESOLVED TO approve the revised Regulation 2023 of B.E-Biomedical Engineering, B.Tech-Artificial Intelligence and Data Science, B.E- Computer Science and Engineering, B.Tech-Computer Science and Business Systems, B.E-Electronics and Communication Engineering, B.E-Electrical and Electronics Engineering, B.E-Mechanical Engineering and B.Tech-Information Technology from the academic year 2023-2024 onwards.

6. TO CONSIDER and approve the revised Curriculum and Syllabi for I Semester and II Semester of B.E-Biomedical Engineering, B.Tech-Artificial Intelligence and Data Science, B.E- Computer Science and Engineering, B.Tech-Computer Science and Business Systems, B.E-Electronics and Communication Engineering, B.E-Electrical and Electronics Engineering, B.E-Mechanical Engineering and B.Tech-Information Technology from the academic year 2023-2024 onwards.

   RESOLVED TO approve the revised Curriculum and Syllabi for I Semester and II Semester of B.E-Biomedical Engineering, B.Tech-Artificial Intelligence and Data Science, B.E- Computer Science and Engineering, B.Tech-Computer Science and Business Systems, B.E-Electronics and Communication Engineering, B.E-Electrical and Electronics Engineering, B.E-Mechanical Engineering and B.Tech-Information Technology from the academic year 2023-2024 onwards.

7. TO CONSIDER and approve of Regulation 2023 of Post-Graduate course M.E VLSI Design and M.E-Embedded System Technologies from the academic year 2023-2024 onwards.

   RESOLVED TO approve of Regulation 2023 of Post-Graduate course M.E VLSI Design and M.E-Embedded System Technologies from the academic year 2023-2024 onwards.

8. TO CONSIDER and approve of Curriculum and Syllabus for I Semester and II Semester of Post-Graduate course M.E VLSI Design and M.E-Embedded System Technologies from the academic year 2023-2024 onwards.

27/01/2023

RESOLVED TO approve of Curriculum and Syllabus for I Semester and II Semester of Post-Graduate course M.E VLSI Design and M.E-Embedded System Technologies from the academic year 2023-2024 onwards.

9. TO CONSIDER and approve of the Amendments to the admitted students 2021 for B.E. / B. Tech. degree Programme - Anna University – award of UG

B.E Honours in the same discipline
B.E Honours with Different verticals
B.E Minor in other specialization

RESOLVED TO approve of the Amendments to the admitted students 2021 for B.E. / B. Tech. degree Programme - Anna University – award of UG

B.E Honours in the same discipline
B.E Honours with Different verticals
B.E Minor in other specialization

27/01/2023

CHAIRMAN

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

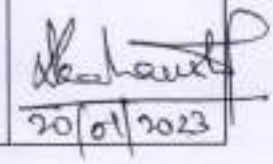
(An Autonomous Institution)

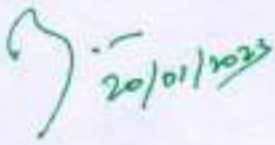
Minutes of the Meeting of the 7th Academic Council Meeting Held on 20.01.2023

ACADEMIC COUNCIL

Sl. No.	Name	Position in AC	Signature
1	Dr. V. Rajamani	Chairman - Principal, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
2	Dr.A.Siddharthan	Anna University Nominee - Professor & Head, Department of Production Technology, MIT Campus, Anna University, Chennai - 600025	
3	Dr.S.Sivasubramaniam	Anna University Nominee - Professor & Head, Department of Science & Humanities, University College of Engineering, Tindivanan, Tindivanam-604001	20/01/2023
4	Dr.G.Ramakrishna	Anna University Nominee - Professor, Department of Civil Engg, Puducherry Technological University, Puducherry-605014	
5	Dr. S.Baskar	Institution Nominee - Professor and Head, Department of Electrical and Electronics Engg., Thyagarajar College of Engg., Madurai	20/01/23
6	Dr.A.Karthikeyan	COE & Professor, Dept. of Electronics and Communication and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	20/01/2023
7	Dr. G. Sasi	Head- BME - Professor and Head, Dept. of Biomedical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
8	Dr. R.Saravanan	Head-CSE - Professor and Head, Dept. of Computer Science and Engg., Vel TechMulti Tech	

		Dr.Rangarajan Dr.Sakunthala Engg College	
9	Dr. V. Prabhu	Head-ECE - Professor and Head, Dept. of Electronics and Communication and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
10	Dr.S.Thaisubha	Head-EEE - Professor and Head, Dept. of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
11	Dr.V.Suresh Kumar	Head-IT - Professor and Head, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
12	Dr. N.Pragadish	Head-Mech - Professor and Head, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
13	Dr. T. Thangeeswari	Head-Science and Humanities - Professor and Head, Dept. of Science and Humanities, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
14	Dr.Deepthi Joseph	Principal nominee – Professor, Dept. of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
15	Dr. K.Immanuvel Arokia James	Principal nominee – Teacher - Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
16	Mr. R. Prabhu	Principal Nominee – Teacher - Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	

17	Dr. M. Selvam	Principal Nominee – Teacher - Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
18	Dr.M.Karthikeyan	Principal nominee – Teacher - Assistant Professor, Dept. of Electrical & Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
19	Dr. K.A.Harish	Ex-Officio - Assistant Professor-Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	 20/01/2023



2020-2021

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Department Advisory Board

Department of Computer Science and Engineering

Minutes of Meeting – 004

Ref No: VTMT/CSE/DAB/Minutes/2020-2021/004

Time: 1:30PM Venue: Online through Google meet Date: 01.10.2020

The following points were taken up for discussion and consideration:

1. Highlights and Review about previous BoS Meeting

2. Consideratiou and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (Ist Semester)

3. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Dala Science (IInd Semester)

4. Cousideration and Approval of detailed syllabi to be pnt forth in the BoS of following Courses for B.Tech Cenputer Science and Business Systems (Ist Semester)

5. Consideration and Apptoval of detailed syllabi to be pnt forth iu the BoS of following Courses for B.Tech Computer Science and Business Systems (IInd Semester)

6. Any other suggestions

DAB COORDINATOR

Encl:

1. Corriculum and Syllabl of B.Tech Artificial Intelligence and Data Scienee between Ist and IInd Semester
2. Curriculum and Syllabi of B.Tech Computer Science and Business Systems between Ist and IInd Semester

Department Advisory Board Members

Sl. No.	Name	Designation & Address	Signature
1	Dr. N. Ganesh	Head, CSE, VTMT	
2	Mrs. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering	
3	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering	
4	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering	
5	Mr. K. Immanuvel Arokia James	Assistant Professor, Department of Information Technology	
6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University-Chennai)

Meeting of the Board of Studies

Department of Artificiat Intelligence and Data Science

Circular – VTMT/AI&DS/BoS/Agenda/2020-2021/004

Date: 05.10.2020

The committee meeting will be held on 09.10.2020(Friday) at 3PM through online.

Agenda

The following points are lined up for discussion

1. Consideration and Approval of the list of Subjects and the syllabi of following Courses for B.Tech Artificial Intelligence and Data Science (I and II Semester) viz.,

I Semester

➢ Introduction to Programming in C	ES
➢ Programming in C Laboratory	ES

II Semester

➢ Data Structures and Algorithms	PC
➢ Problem Solving and Python Programming	ES
➢ Foundations of Data Science	PC
➢ Data Structures and Algorithms Laboratory	PC
➢ Problem Solving and Python Programming Laboratory	ES

2. Any other suggestions

PC – Professional Core ES – Engineering Sciences

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Board of Studies – Department of Computer Science and Engineering
List of Members

Sl. No.	Name	Designation & Address
1	Dr.N.Ganesh	Head, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
2	Dr. Madhu Mutyam	Professor & Department of CSE, IIT Madras, Chennai – 600036
3	Dr. C. Mala	Professor, Department of CSE, National Institute of Technology, Tiruchirapalli – 620015
4	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chrompet – 600044
5	Mr. S. Gokul	Dev – Ops Engineer, SAP Labs India Pvt Ltd, Bangalore
6	Mr. V. R.Vimal	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
7	Ms. S.Selvanayaki	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
8	Ms. S Pavithra	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
9	Mr. P.Sathish Kumar	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
10	Mr. S.Vinod	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College
11	Mr. N. Insozhan	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
12	Mr. D.Ganeshkumar	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
13	Mr. S. Velmurugam	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
14	Ms.M.Ramya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College
15	Ms.E.Venitha	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College
16	Mrs.S.Deepa	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
17	Mr.V.Nehru	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
18	Ms.Annie Sylviya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

An Autonomous Institution

B.Tech - Artificial Intelligence and Data Science

CURRICULUM SYLLABUS

SEMESTER I

Course Code	Name of the Course	Category	L	T	P	Credits
	Engineering Mathematics - I	BS	2	2	0	3
	Engineering Physics	BS	3	0	0	3
	Engineering Chemistry	BS	3	0	0	3
	English for Engineering Students	HSS	3	0	0	3
	Basic Engineering Science	ES	3	0	0	3
	Introduction to Programming in C	ES	3	0	0	3
	Engineering Graphics	ES	2	2	0	3
	Physics Laboratory	BS	0	0	2	1
	Chemistry Laboratory	BS	0	0	2	1
	Programming in C Laboratory	ES	0	0	2	1
		Total	19	4	6	24

SEMESTER II

Course Code	Name of the Course	Category	L	T	P	Credits
	Calculus and Differential Equations	BS	2	2	0	3
	Digital Logic and Design	ES	3	0	0	3
	Environmental Science and Engineering	HSS	3	0	0	3
	Problem Solving and Python Programming	ES	3	0	0	3
	Data Structures and Algorithms	PC	3	0	0	3
	Introduction to Data Science	PC	3	0	0	3
	Problem Solving and Python Programming Laboratory	ES	0	0	2	1
	Data Structures and Algorithms Laboratory	PC	0	0	2	1
	Engineering Practice Lab	ES	0	0	2	1
		Total	17	2	6	21

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr.N.Ganesh	Head , CSE, VTMT	Chairman	
2	Dr. Madhu Mutyam	Professor, Department of CSE, IIT Madras, Chennai – 600036	Member (Subject Expert)	
3	Dr. C. Mala	Professor, Department of CSE, NIT, Tiruchirapalli – 620015	Member (Subject Expert)	
4	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chrompet, Chennai – 600044	Member (University Nominee)	
5	Mr. S. Gokul	Dev-Ops Engineer, SAP Labs India Pvt. Ltd., Bangalore	Alumni - Post Graduate Alumnus	Gokul S
6.	Mr.V.R.Vimal	Assistant Professor	Member	
7	Ms. S. Selvanayaki	Assistant Professor	Member	
8.	Mr. P. Sathish Kumar	Assistant Professor	Member	
9.	Mr. S. Vinod	Assistant Professor	Member	
10	Mr. N. Insozhan	Assistant Professor	Member	
11	Mr.S.Velmurugan	Assistant Professor	Member	
12	Ms.M.Ramya	Assistant Professor	Member	
13.	Ms.E.Venitha	Assistant Professor	Member	
14.	Mrs.S.Deepa	Assistant Professor	Member	
15.	Mr.V.Nehru	Assistant Professor	Member	
16.	Ms.Annie Sylviya	Assistant Professor	Member	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Department Advisory Board

Department of Computer Science and Engineering

Minutes of Meeting – 005

Ref No: VTMT/CSE/DAB/Minutes/2020-2021/005

Time: 2:00PM Venue: Online through Google meet Date: 15.02.2021

The following points were taken up for discussion and consideration:

1. Highlights and Review about previous BoS Meeting

2. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.E. Computer Science and Engineering (VIIth Semester) viz.,

a. Cryptography and Network Security
b. Cloud Computing
c. Professional Elective - IV
d. Professional Elective – V
e. Security Laboratory
f. Cloud Computing Laboratory
g. Project Work Phase - I

3. Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIIth Semester) viz.,

a. Professional Elective - VI
b. Project Work Phase - II

4. Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Introduction to Artificial Intelligence
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

5. Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IVth Semester) viz.,

a. Discrete Mathematics
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Embedded Systems
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Laboratory
j. Internship-I

6. Consideration and Approval of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Basic Economics for Engineers
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

7. Consideration and Approval of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IVth Semester) viz.,

a. Linear Algebra and Numerical Methods
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Innovation Management, Entrepreneurship and IPR
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Laboratory
j. Internship-I

8. Any other suggestions

DAB COORDINATOR

Department Advisory Board Members

Sl. No.	Name	Designation & Address	Signature
1	Dr. N. Ganesh	Head, CSE, VTMT	
2	Mrs. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering	
3	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering	
4	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering	
5	Mr. K. Immanuvel Arokia James	Assistant Professor, Department of Information Technology	
6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

Department Advisory Board Members

Sl. No.	Name	Designation & Address	Signature
1	Dr. N. Ganesh	Head, CSE, VTMT	
2	Mrs. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering	
3	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering	
4	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering	
5	Mr. K. Immanuvel Arokia James	Assistant Professor, Department of Information Technology	
6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution,Affiliated to Anna University-Chennai)

Meeting of the Board of Studies

Department of Computer Science and Engineering

Circular – VTMT/CSE/BoS/Agenda/2020-2021/005

Date: 17.02.2021

The committee meeting will be held on 20.02.2021(Saturday) at 10.00AM through online.

Agenda

The following points are lined up for discussion

1. Review about previous BoS Meeting.

2. Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VII Semester) viz.,

   - Cryptography and Network Security
   - Cloud Computing
   - Professional Elective - IV
   - Professional Elective – V
   - Security Laboratory
   - Cloud Computing Laboratory
   - Project Work Phase - I

3. Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIII Semester) viz.,

   - Professional Elective - VI
   - Project Work Phase - II

4. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (III Semester) viz.,

   - Data Structures
   - Computer Architecture
   - Object Oriented Programming
   - Software Engineering
   - Introduction to Artificial Intelligence
   - Data Structures Laboratory
   - Object Oriented Programming Laboratory

5. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (IV Semester) viz.,
    - Design and Analysis of Algorithms
    - Database Management Systems
    - Operating Systems
    - Computer Networks
    - Embedded Systems
    - Database Management Systems Laboratory
    - Operating Systems Laboratory
    - Networks Laboratory
    - Internship-I
6. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Computer Science and Business Systems (III Semester) viz.,
    - Data Structures
    - Compoter Arobitecture
    - Object Oriented Programming
    - Software Engineering
    - Basic Economics for Engineers
    - Data Structures Laboratory
    - Object Oriented Programming Laboratory
7. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Computer Science and Business Systems (IV Semester) viz.,
    - Design and Analysis of Algorithms
    - Database Managemem Systems
    - Operating Systems
    - Computer Networks
    - Innovation Management, Entrepreneurship and IPR
    - Database Managemsnt Systems Laboratory
    - Operating Systems Laboratory
    - Networks Laboratory
    - Internship/Training-I
8. Any other suggestions.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous institution affiliated to Anna University)

Meeting of the Board of Studies

Department of Computer Science and Engineering

Minutes of Meeting – 005

Ref No: VTMT/CSE/BoS/Minutes/2020-2021/005

Time: 10:00AM Venue: Online through Google meet Date: 20.02.2021

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed

Item 1: Review about previous BoS Meeting

Resolution: Highlights about previous BoS Meeting

Item 2: Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIth Semester) viz.,

a. Cryptography and Network Security
b. Cloud Computing
c. Professional Elective - IV
d. Professional Elective – V
e. Security Laboratory
f. Cloud Computing Laboratory
g. Project Work Phase - I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.E. Computer Science and Engineering, (VIIth Semester) viz.,

a. Cryptography and Network Security
b. Cloud Computing
c. Professional Elective - IV
d. Professional Elective – V
e. Security Laboratory
f. Cloud Computing Laboratory
g. Project Work Phase - I

Item 3: Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIIth Semester) viz.,

a. Professional Elective - VI
b. Project Work Phase - II

Resolutiou: Discussed and resolved to approve of detailed syllabi of following Courses fot B.E. Computer Science and Engineering (VIIIth Semester) viz.,

a. Professional Elective - VI
b. Project Work Phase - II

Item 4: Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Orieoted Programming
e. Softwate Engineering
f. introductiou to Artificial Intelligence
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

Resolution: Discussed and resolved to approve of detailed syilabi of following Courses fot B.Tech Artificial Intelligence & Data Science (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Introduction to Artificial Inteiiigence
g. Data Structures Laboratory
h. Object Otiented Programmiug Laboratory
i. Advanced Reading and Writing

Item 5: Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Scieuce (IVth Semester) viz .

a. Disctete Mathematics
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Embedded Systoms
f. Software Design and Mcdelling
g. Database Management Systems Laboratory
h. Operating Systoms Laboratory

i. Networks Laboratory
j. Internship-I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IVth Semester) viz.,

a. Discrete Mathematics
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Embedded Systems
f. Software Design and Modelling
g. Database Management Systems Laboratory
b. Operating Systems Laboratory
i. Networks Laboratory
j. Internship-I

Item 6: Consideration and Approval of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Progremming
e. Software Engineering
f. Basic Economics for Engineers
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Basic Economics for Engineers
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

Item 7: Consideration and Approval of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IVth Semester) viz..

a. Linear Algebra and Numerical Methods
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Innovation Management, Entrepreneurship and IPR
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Labnratory
j. Internship-I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IVth Semester) viz..,

a. Liuear Algebra and Nnmerical Methods
b. Dotabase Management Systems
c. Operating Systems
d. Computer Networks
e. Innovation Management, Entrepreneurship and IPR
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory
i. Notworks Laboratory
j. Internship-I

Item 8: Any other suggestions

Resolution: Members were satisfied with the presentation aud as there were no other points to be discussed, the meeting was concluded with vote of thanks proposed hy Dr. N. GANESH, Professor and Head, Department of Computer Science and Engineering.

Our Next BoS Meeting Scheduled on 2nd week of Aogust 2021. Date will be announced later.

CHAIRMAN

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr.N.Ganesh	Head , CSE, VTMT	Chairman	
2	Dr. Madhu Mutyam	Professor, Department of CSE, IIT Madras, Chennai – 600036	Member (Subject Expert)	
3	Dr. C. Mala	Professor, Department of CSE, NIT, Tiruchirapalli – 620015	Member (Subject Expert)	
4	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chrompet, Chennai – 600044	Member (University Nominee)	
5	Mr. S. Gokul	Dev-Ops Engineer, SAP Labs India Pvt. Ltd., Bangalore	Alumni - Post Graduate Alumnus	Gokul S
6.	Mr.V.R.Vimal	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	V.R.Vimal
7	Ms. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	S. Selvanayaki
8.	Mr. P. Sathish Kumar	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9.	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	Vinod
10	Mr. N. Insozhan	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	N. Insozhan
11	Mr.S.Vel murugan	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	S. Murugan
12	Ms.M.Ramya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	M
13.	Ms.E.Venitha	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	E. Venitha
14.	Mrs.S.Deepa	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
15.	Mr.V.Nehru	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	V. Nehru
16.	Ms.Annie Sylviya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	Annie

Sl. No.	Name	Designation & Address	Position in BOS	Signature
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4	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chrompet, Chennai – 600044	Member (University Nominee)	
5	Mr. S. Gokul	Dev-Ops Engineer, SAP Labs India Pvt. Ltd., Bangalore	Alumni - Post Graduate Alumnus	Gokul S
6.	Mr.V.R.Vimal	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
7	Ms. S. Selvanayaki	Assistant Professor	Member	
8.	Mr. P. Sathish Kumar	Assistant Professor	Member	
9.	Mr. S. Vinod	Assistant Professor	Member	
10	Mr. N. Insozhan	Assistant Professor	Member	
11	Mr.S.Velmurugan	Assistant Professor	Member	
12	Ms.M.Ramya	Assistant Professor	Member	
13.	Ms.E.Venitha	Assistant Professor	Member	
14.	Mrs.S.Deepa	Assistant Professor	Member	
15.	Mr.V.Nehru	Assistant Professor	Member	
16.	Ms.Annie Sylviya	Assistant Professor	Member	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated ro Anna University)

Meeting of the Department Advisory Board

Department of Compnter Science aud Engineering

Miontes of Meeting – 006

Ref No: VTMT/CSE/DAB/Minutes/2021-2022/006

Time: 1:30PM Venne: Online through Google meet Date: 02.09.2021

The following points were taken up for discussion aud consideration:

1. Highlights and Review about previous BeS Meeting

2. Consideration and Approval of detailed syllabi to be put forth in the BoS of foilowing Courses for B.Tech Artificial Intelligence and Data Science (Vth Semester)

3. Consideration and Approval of detailed syllabi to be put forth in the BoS of foilowing Courses for B.Tech Artificial Intelligence and Data Science (VIth Semesrer)

4, Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligenee and Data Science (VIIth Semester)

5, Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligenee and Data Science (VIIIth Semester)

6, Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Computer Science and Business Systems (Vth Semester)

7. Consideration and Approval of detailed syllahi to be put forth in the BoS of following Courses for B.Tech Computer Science and Business Systems (VIth Semester)

8. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses fot B.Tech Computer Science and Business Systems (VIIth Semester)

9. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Compoter Science and Business Systems (VIIIth Semester)

10. Any other suggestions

DAB COORDINATOR

Encl:

1. Curriculum and Syllabi of B.Tech Artificial Intelligence and Data Science between Vth and VIII Semester
2. Curriculnm and Syllabi of B.Tech Computer Science and Business Systems between Vth and VIII Semester

Department Advisory Board Members

Sl. No.	Name	Designation & Address	Signature
1	Dr. N. Ganesh	Head, CSE, VTMT	
2	Mrs. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering	
3	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering	
4	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering	
5	Mr. Immanuvel Arokia James	Assistant Professor, Department of Information Technology	
6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

[An Autonomous Institution, Affiliated to Anna University]

Board of Studies – Department of Computer Science and Engineering

[Conducting for Artificial Intelligence and Data Science, Computer Science and Business Systems]

List of Member

S.No	Member Name	Designation	Position in BoS
01	Dr. N. Ganesh	Dean & Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Chairman
02	Dr. Madhu Mutyam	Professor, Department of CSE, IIT Madras, Chennai – 600036	Member (Subject Expert)
03	Dr. C. Mala	Professor, Department of CSE, NIT, Tiruchirapalli – 620015	Member (Subject Expert)
04	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chromepet, Chennai – 600044	Member (University Expert)
05	Mr. S. Gokul	DevOps Engineer, CoVP Labs India Pvt. Ltd., Bangalore	Member (Alumnus)
06	Ms. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
07	Mr. P. Sathish Kumar	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
08	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
09	Mr. N. Insozhan	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
10	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
11	Ms. M.Ramya	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
12	Ms. V.Priya	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
13	Mrs. S.Deepa	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member

VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

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6th Board of Studies Meeting

Department of Computer Science and Engineering

VTMT/CSE/BoS/Agenda/2021-2022/006

03.09.2021

The Board of Studies Meeting is proposed to be held on 07.09.2021, Tuesday at 10:20AM through Virtual Mode.

Agenda

The following points are lined up for discussion:

1. **Review about previous BoS Meeting**
2. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (V Semester) viz.,**
   - i. Graph Theory and Applications
   - ii. Internet Programming
   - iii. Design and Analysis of Algorithm
   - iv. Professional Elective- I
   - v. Professional Elective - II
   - vi. Open Elective- I
   - vii. Design and Analysis of Algorithms Lab
   - viii. Internet Programming Laboratory
   - ix. Professional Communication
   - x. Technical Seminar
3. **2. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (VI Semester) viz.,**
   - i. Computer Graphics
   - ii. Machine Learning Techniques
   - iii. Big Data Analytics
   - iv. Professional elective- III
   - v. Open Elective- II
   - vi. Computer Graphics Lab
   - vii. Data Analytics Lab
   - viii. Mini Project
   - ix. Internship / Training – II
4. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (VII Semester) viz.,**
   - i. Artificial Neural Networks and Deep Learning
   - ii. Blockchain Technology
   - iii. Cloud Computing
   - iv. Open Elective – III
   - v. Professional Elective – IV
   - vi. Professional Elective – V
   - vii. Artificial Neural Networks and Deep Learning Lab

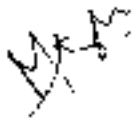
07.09.2021

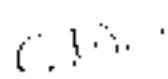
6th BOARD OF STUDIES MINUTES OF MEETING

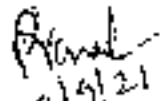
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

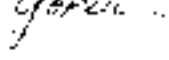
- In 5th semester, the credit of Graph theory and Applications course is suggested to be 4 as it has two Lecture hours and two tutorial hours. This change of credit may be incorporated based on the approval of the Academic Council.
- Professional Communication course in 5th semester can be shifted to the 6th semester.
- In the 6th Semester, for Computer Graphics Labs it was suggested to add Multimedia contents and the course to be renamed as "Computer Graphics and Multimedia Laboratory".
- The Block chain Technology course placed in 7th semester can be taken to the 8th semester.

E-Signature by BoS Members

1.  Dr. MADHU MUTYAM, Professor, Department of CSE, IIT Madras, Chennai – 600 036

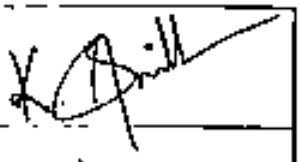
2.  Dr. C. MALA, Professor, Department of CSE, National Institute of Technology, Tiruchirappalli – 620 015

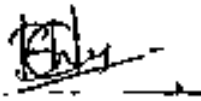
3.  Dr. P. VARALAKSHMI, Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai – 600 044

4.  Mr. S. GOKUL, DevOps Engineer, SAP Labs India Pvt. Ltd., Bangalore

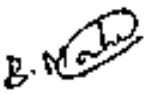
6th Board of Studies Meeting Attendees Signature held on 07.09.2021, Tuesday

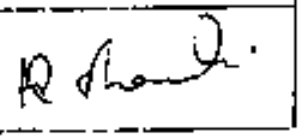
S. No	Member Name	Designation & Address	Signature
01	Dr. N. Ganesh	Dean & Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
02	Ms. S. Selvanayaki	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
03	Mr. P. Sathish Kumar	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
04	Mr. S. Vinod	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
05	Mr. N. Insozhan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
06	Mr. S. Velmurugan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
07	Ms. M.Ramya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
08	Ms. V.Priya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
09	Mrs. S.Deepa	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
10	Ms. S.Swetha	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
11	Mr. V.Nehru	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
12	Ms. S.Muthuselvi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
13	Ms. G.Nivethasri	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
14	Mr. M.Thiyagarajan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	





15	Ms. K.Sasirekha	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
16	Ms. A.Bhagyalakshmi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
17	Mr.S.Nagendiran	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
18	Ms.M.Sathya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
19	Ms.B.Mahalakshmi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	B. Mahal
20	Ms.R.Shamli	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	R Shamli





2021-2022

17.12.2022

8th BOARD OF STUDIES MINUTES OF MEETING

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, COMPUTER SCIENCE AND BUSINESS SYSTEMS

Agenda:

- Inclusion of "NaalayaThiran" course in VI /VII Semester
- Consideration and Approval of Curriculum and Syllabus for R-2023

  U.G B.Tech AI and DS, U.G B.Tech CS and BS

Minutes

- Presented to the Board of Studies (BoS) members about the Framing of 2023 curriculum and syllabi of and B.Tech - Artificial Intelligence and Data Scienceand Computer Science and Business Systems. Their suggestion regarding the introduction subjects in various semester has been incorporated.
- Naalaya Thiran programme was recently introduced in the 7th semester of 2019-2023 batch but most of the companies' recruitments happened in 7th semester and difficult to concentrate on Naalaya Thiran program.
- As a suggestion the same may be introduced in 6th semester, it was presented to the BoS members. They have accepted to introduce Naalaya Thiran program in 6th semester.

Signature by BoS Members

SL. No	Name of the Experts	Designation	Sign
1	Dr S.Palanikumar	Chairman	
2	Dr .P.Varalakshmi	Member (Subject Expert)	
3	Dr MADHU MUTYAM	Member (Subject Expert)	
4	Dr C.MALA	Member (Subject Expert)	
6	Mr. S.GOKUL	Member (Alumnus)	
7	Mrs.K.Haritha	Member	
8	Mrs.R.AniMinisha	Member	
9	Mrs.R.Harini	Member	
10	Ms.V.Vijayashanthi	Member	

11	Mr.C.Rajesh	Member	
12	Ms.P.Vinitha Baby	Member	
13	Ms.A.Vinothini	Member	

Date: 02-09-2023

Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

Department of Artificial Intelligence and Data Science

9 th BOARD OF STUDIES AGENDA

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

- Inclusion of "தமிழரும் தொழில்நுட்பமும் / Tamils and Technology", in Semester III for B.Tech - Artificial Intelligence and Data Science, of 2019 **Curriculum** for 2022-26 batch.

- Consideration and **Approval of Syllabus** of Honours / Minor Degree / Professional Elective Verticals for B.Tech - Artificial Intelligence and Data Science, from 2021-25 batch onwards.

- Consideration and Approval for the **Corrections** in the Syllabus of Design and Analysis of Algorithms for B.Tech - Artificial Intelligence and Data Science, from 2021-25 batch onwards.

- Consideration and Approval for the **Syllabus** of Semester-I , Semester-II and Semester III of B.Tech - Artificial Intelligence and Data Science (2023 Regulation).

- Consideration and Approval for the **correction in curriculum** of Semester-I and Semester-II of B.Tech - Artificial Intelligence and Data Science (2023 Regulation).

- Consideration and Approval for the Revamping of **Curriculum** of Semester-VI,VII,VIII B.Tech - Artificial Intelligence and Data Science ((2021-25 batch onwards).

Signature by BoS Members

Sl. No	Name of the Experts	Designation	Sign
1	Dr S.Palanikumar	Chairman	
2	Dr Ka.SELVARAJ	Member (Subject Expert)	
3	Dr MADHU MUTYAM	Member (Subject Expert)	
4	Dr C.MALA	Member (Subject Expert)	
5	Mr KEERTHIVASAN	Member from Industry	
6	Mr. S.GOKUL	Member (Alumnus)	
7	Mr.G. Kannan	Member	
8	Mrs.K.Haritha	Member	
9	Mrs.R.Ani Minisha	Member	
10	Mrs.R.Harini	Member	
11	Ms.V.Vijayashanthi	Member	
12	Mr.C.Rajesh	Member	
13	Ms.P.Vinitha Baby	Member	
14	Ms.A.Vinothini	Member	
15	Ms.P.M.Arthi	Member	
16	Mrs.T.Anitha	Member	
17	Mrs.Chandrakala	Member	

Date: 02-09-2023

Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

Department of Artificial Intelligence and Data Science

9 th BOARD OF STUDIES MINUTES OF MEETING

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

- Inclusion of "தமிழரும் தொழில்நுட்பமும் / Tamils and Technology", in Semester III for B.Tech - Artificial Intelligence and Data Science, of 2019 **Curriculum** for 2022-26 batch is presented and Approved.

- **Syllabus** of Honours / Minor Degree / Professional Elective Verticals for B.Tech - Artificial Intelligence and Data Science, from 2021-25 batch onwards is presented and Approved.

- The **Corrections** in the Syllabus of Design and Analysis of Algorithms for B.Tech - Artificial Intelligence and Data Science, from 2021-25 batch onwards is presented and Approved.

- The **Syllabus** of Semester-I and Semester-II of B.Tech - Artificial Intelligence and Data Science (2023 Regulation) is presented and Approved.

- The **correction in curriculum** of Semester-I , Semester-II and Semester IIIof B.Tech - Artificial Intelligence and Data Science (2023 Regulation) is presented and Approved.

- The Revamping of **Curriculum** of Semester-VI,VII,VIII B.Tech - Artificial Intelligence and Data Science ((2021-25 batch onwards) is presented and Approved.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Circular

We are planned to conduct the First Board of study (BOS) meeting for the Department of Biomedical Engineering will be held on Saturday, 06 july, 2019 at Principal's Office at 10.30 AM.

Head of the Department 01/6/19

Head of the Department
Bio Medical Engineering
Vel Tech Multi Tech Dr. Rangarajan
Dr.Sakunthala Engineering College
42, Avadi to Vel Tech Road
Avadi, Chennai - 600 062

Date: 01.06.2019
Place: Avadi, Chennai

Copy to:
Principal
Engineering Departments
COE Office

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Minutes of Meeting - 001

Ref No: VTMT/BME/BoS/Minutes/2019-2020/001

The First Board of Studies Meeting of the Department of Biomedical Engineering was held on Saturday, 06 July, 2019 at the Principal's office at 10:30 a.m.

At the onset, the chairman welcomed the members to the first board of study for the first regulation for the academic year 2019-20 and placed the agenda for deliberations to the members. The following deliberations were made as per the circulated agenda:

Item: 1

- To deliberate and approve the Rules and Regulations 2019 for B.E/B.Tech Degree Programmes to be followed from the Academic year, 2019-2020.

Resolve to approve the presentedRules and Regulations 2019 for B.E/B.Tech Degree Programmes to be followed from the Academic year, 2019-2020.

Item: 2

- To deliberate and approve the edifice of the Curriculum of the UG course B.E - Biomedical Engineering for the Academic year 2019-2020.

Resolve toapprove the presented curriculum of the UG course B.E Biomedical Engineering for the academic year 2019-2020.

Item: 3

- To deliberate and approve the Syllabi of the First and Second semesters of the UG course B.Tech Biomedical Engineering for the Academic year 2019-2020.
- The following points were discussed regarding syllabus revision.
  1. The geometrical applications of differential calculus and matrices included in Engineering mathematics-I.
  2. Included principles of lasers, optical fiber systems in Engineering physics –I
  3. Chemical bonding and idea about polymers was included in Engineering chemistry.
  4. Vocabulary building was included in English

5. Basic civil and mechanical Engineering, Basic Electrical and Electronics Engineering, Introduction to Biomedical Engineering courses were added in the curriculum.

6. Crystal growth experiments were included in physics lab

7. Determination of alkalinity, pseudo first order kinetics ester hydrolysis experiments were included in chemistry lab.

8. Multiple integrals, included in Engineering mathematics-II

9. Physics for electronics Engineering was changed as Material science for Electronics Engineering and topics such as materials, implant materials included in material science syllabus.

10. Environmental Science and Engineering course was included in Semester II.

11. Electron devices and circuits, Introduction to Biomedical Engineering be given in Semester 2 itself.

12. Introduction to Organisms was included in Fundamentals of Biochemistry.

13.Soldering practice – Components Devices and Circuits – Using general purpose PCB was included in Engineering practices lab.

14. Circuits and devices lab course was included in Semester 2 itself.

15. Separation of proteins experiments was excluded in Biochemistry lab.

Item: 4

- To deliberate and approve the list of Board of Examiners (Valuation) and question paper setters for the UG course B.E Biomedical Engineering for the Academic year 2019-2020.

Action

- **Resolve to approve the list of Board of Examiners (Valuation) and question paper setters.**

VEL TECH MULTI TECH DR.RANGARAJAN & DR.SUKUTHALA ENGINEERING COLLEGE

DEPARTEMENT OF BIOMEDICAL ENGINEERING

Members for Board of Studies

Sl. No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Dr.M.Nagaraj	Chairman	Principal	Head and Associate Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
2	Mr.S.Ramkumar	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
3	Mr. S.Sathish	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
4	Mr.S.Vinurajkumar	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
5	Mr.K.Manikandan	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
6	Ms.Nithyakalyani.K	Member	HoD	Assistant Professor,Department of Bio	

				Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunt halaEngg. College	
7	Dr. Kolanthaivel	Member (Subject Expert)	Academic Council	Professor, National Institute for Technical Teacher Training Institute, Chennai	
8	Dr. Gnanamani	Member (Subject Expert)	Academic Council	Scientist, CLRI, Chennai	
9	Dr.M.Sasikala	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Centre for Medical Electronics, Department of ECE, College of Engg. Guindy Anna University, Chennai – 600 025	ABSENT
10	Mr.Kamalahasan	Member (Industry Expert)	Principal	Manager – HR, ZIFO Technologies Ltd., Chennai	ABSENT
11	Mr.D.Raghunath	Member (Meritorious Alumnus)	Principal	Technical Manager, Application support, Techserv Healthcare PVT LTD. Chennai	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Circular

We are planned to conduct the second Board of study (BOS) meeting for the Department of Biomedical Engineering will be held on 21st December , 2019 at Principal's Office at 10.30 AM. Happy to invite all external and internal BOS members and faculty members of Biomedical Engineering .

Head of the Department

17/12/19

Head of the Department
Bio Medical Engineering
Vel Tech Multi Tech Dr. Rangarajan
Dr.Sakunthala Engineering College
42, Avadi to Vel Tech Road
Avadi, Chennai - 600 062

Date: 17.12.2019
Place: Avadi, Chennai

Copy to:
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Engineering Departments
COE Office

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Minutes of Meeting - 002

Ref No: VTMT/BME/BoS/Minutes/2019-2020/002

The second board of studies meeting of the department of biomedical engineering was held on Saturday, 21 December, 2019 at the principal's office at 10:30 a.m.

At the onset, the chairman welcomed the members to the second board of study for the placed the agenda for considerations to the members. The following considerations were made as per the circulated agenda:

Item: 1

- To consider and approve the Syllabus of the Third and Fourth semesters of the UG course, B.E-Biomedical Engineering.

Resolve to approve the presented Syllabus of the Third and Fourth semesters of the UG course, B.E-Biomedical Engineering.

- The new courses such as Biosignal processing theory and lab, Bioethics and IPR were added in fourth semester.
- The following points were discussed regarding syllabus revision.
  1. Movements in GI tract were included ion Anatomy and Human Physiology.
  2. Digital logic design, Biosensors and instrumentation course were included in semester 3.
  3. Sampling and aliasing topic was included in Signals and systems.
  4. Numerical methods concepts were included in Linear Algebra.
  5. Random process concepts were included instead of statistics in Probability paper in semester 4.
  6. Biomedical Instrumentation, Reading and writing skills laboratory courses were added in semester 4.
  7. Spine biomechanics was included in Biomechanics and also it can be included in Semester 4.
  8. Pathophysiology and its techniques were included in pathology and microbiology.

VEL TECH MULTI TECH DR.RANGARAJAN & DR.SUKUTHALA ENGINEERING COLLEGE

DEPARTEMENT OF BIOMEDICAL ENGINEERING

Members for Board of Studies

Sl. No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Dr.M.Nagaraj	Chairman	Principal	Head and Associate Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
2	Dr.Lalitha Venugopalan	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
3	Mr.S.Ramkumar	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
4	Mr. S.Sathish	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
5	Mr.S.Vinurajkumar	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
6	Mr.K.Manikandan	Member	HoD	Assistant Professor,Department of Bio	

				Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
7	Ms.Nithyakalyani.K	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
8	Dr. Kolanthaivel	Member (Subject Expert)	Academic Council	Professor, National Institute for Technical Teacher Training Institute, Chennai	
9	Dr. Gnanamani	Member (Subject Expert)	Academic Council	Scientist, CLRI, Chennai	
10	Dr.M.Sasikala	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Centre for Medical Electronics, Department of ECE, College of Engg. Guindy Anna University, Chennai – 600 025	ABSENT
11	Mr.Kamalahasan	Member (Industry Expert)	Principal	Manager – HR, ZIFO Technologies Ltd., Chennai	ABSENT
12	Mr.D.Raghunath	Member (Meritorious Alumnus)	Principal	Technical Manager, Application support, Techserv Healthcare PVT LTD, Chennai	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Circular

We are planned to conduct the Third Board of study (BOS) meeting for the Department of Biomedical Engineering will be held on 20th September , 2020 through online mode. Link will be shared shortly.

Head of the Department 15/09/20

Head of the Department
Bio Medical Engineering
Vel Tech Multi Tech Dr. Rangarajan
Dr.Sakunthala Engineering College
42, Avadi to Vel Tech Road
Avadi, Chennai - 600 062

Date: 15.09.2020
Place: Avadi, Chennai

Copy to:
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COE Office

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Minutes of Meeting - 003

Ref No: VTMT/BME/BoS/Minutes/2020-2020/003

The third board of studies meeting of the Department of biomedical engineering was held on Sunday, 20 September, 2020 through Online mode.

At the onset, the chairman welcomed the members to the third board of study for the placed the agenda for considerations to the members. The following considerations were made as per the circulated agenda:

Item: 1

- To consider and approve the Syllabus of the Fifth and Sixth semesters of the UG course, B.E-Biomedical Engineering for the Academic year 2021-2022.

Resolve to approve the presented Syllabus of the Fifth and Sixth semesters of the UG course, B.E-Biomedical Engineering for the Academic year 2020-2021.

- The following points were discussed regarding syllabus revision.
  1. Biomaterials and artificial organs were added in Semester 5.
  2. Analog and digital communication was replaced as Communication systems and some topics related to Biotelemetry were revised.
  3. Medical informatics, Radiological Equipments, Communication skills lab were included in Semester 6,
  4. New course, Advanced microcontroller and its applications, Communication Systems lab can be added in Semester 6

VEL TECH MULTI TECH DR.RANGARAJAN & DR.SUKUTHALA ENGINEERING COLLEGE

DEPARTEMENT OF BIOMEDICAL ENGINEERING

Members for Board of Studies

Sl. No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Mr.S.Ramkumar	Chairman	Principal	Head and Assistant Professor,Department of Bio Medical Engineering,Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
2	Mr. S.Sathish	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
3	Mr.S.Vinurajkumar	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
4	Mr.K.Manikandan	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
5	Ms.Nithyakalyani.K	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunt	

				haluEngg. College	
6	Mr.Venkata Subbaiah Putta	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthalaengg. College	
7	Dr. Kolanthaivel	Member (Subject Expert)	Academic Council	Professor, National Institute for Technical Teacher Training Institute, Chennai	
8	Dr. Gnanamani	Member (Subject Expert)	Academic Council	Scientist, CLRI, Chennai	
9	Dr.M.Sasikala	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Centre for Medical Electronics, Department of ECE, College of Engg. Guindy Anna University, Chennai – 600 025	Absent
10	Mr.Kamalahasan	Member (Industry Expert)	Principal	Manager – HR, ZIFO Technologies Ltd., Chennai	Absent
11	Mr.D.Raghunath	Member (Meritorious Alumnus)	Principal	Technical Manager, Application support, Techserv Healthcare PVT LTD. Chennai	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Circular

We are planned to conduct the Fourth Board of study (BOS) meeting for the Department of Biomedical Engineering will be held on 20th February 2021 at Principal's Office at 10.00 AM

Head of the Department

Head of the Department
Bio Medical Engineering
Vel Tech Multi Tech Dr. Rangarajan
Dr.Sakunthala Engineering College
42, Avadi to Vel Tech Road
Avadi, Chennai - 600 062

Date: 11.02.2021
Place: Avadi, Chennai

Copy to:
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COE Office

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Minutes of Meeting - 004

Ref No: VTMT/BME/BoS/Minutes/2020-2021/004

The Fourth board of studies meeting of the department of biomedical engineering was held on 20th February 2021 at Principal's office at 10:00 A.M.

The following are the items for the members

Item: 1

- To consider and approve the Syllabus of the Seventh and Eighth semesters of the UG course, B.E-Biomedical Engineering for the regulation 2019.

Resolve to approve the presented Syllabus of the Seventh and Eighth semesters of the UG course, B.E-Biomedical Engineering.

1. Medical robotics and Medical devices Laboratory were included in the curriculum.
2. Advanced research topics are included in Medical devices design
3. Biomedical image segmentation related image processing experiments were added to the medical image processing lab.

VEL TECH MULTI TECH DR.RANGARAJAN & DR.SUKUTHALA ENGINEERING COLLEGE

DEPARTEMENT OF BIOMEDICAL ENGINEERING

Members for Board of Studies

Sl. No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Mr.S.Ramkumar	Chairman	Principal	Head and Assistant Professor, Department of Bio Medical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
2	G.Sasi	Member	HoD	Professor, Department of Bio Medical Engineering,Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
3	Mr. S.Sathish	Member	HoD	Assistant Professor, Department of Bio Medical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
4	Mr.S.Vinurajkumar	Member	HoD	Assistant Professor, Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthalaengg. College	
5	Ms.Nithyakalyani.K	Member	HoD	Assistant Professor, Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthalaengg. College	
6	Mr.Venkata Subbaiah Putta	Member	HoD	Assistant Professor, Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunt	

				halal:ngg. College	
7	Dr. Kolanthaivel	Member (Subject Expert)	Academic Council	Professor, National Institute for Technicpl Teacher Training Institute, Chennai	
8	Dr. Gnanamani	Member (Subject Expert)	Academic Council	Scientist, CLRI, Chennai	
9	Dr.M Sasikala	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Centre for Medical Electronics, Department of ECE, College of Engg. Guindy Anna University, Chennai – 600 025	ABSENT
10	Mr.Kamalahasan	Member (Industry Expert)	Principal	Manager – HR, ZIFO Technologies Ltd., Chennai	ABSENT
11	Mr.D.Raghunath	Member (Meritorious Alumnus)	Principal	Technical Manager, Application support, Techserv Healthcare PVT LTD, Chennai	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Circular

We are planned to conduct the Fifth Board of study (BOS) meeting for the Department of Biomedical Engineering will be held on 11th September 2021 at Principal's Office at 11.00 AM

Head of the Department

Head of the Department
Bio Medical Engineering
Vel Tech Multi Tech Dr. Rangarajan
Dr.Sakunthala Engineering College
42, Avadi to Vel Tech Road
Avadi, Chennai - 600 062

Date: 01.09.2021
Place: Avadi, Chennai

Copy to:
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Engineering Departments
COE Office

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Minutes of Meeting - 005

Ref No: VTMT/BME/BoS/Minutes/2021-2022/005

The Fifth board of studies meeting of the Department of Biomedical Engineering was held on 11th September 2021 at Principal's office at 11:00 A.M.

The following are the items for the members

Item: 1

- To consider and approve the curriculum of all semesters of the UG course, B.E-Biomedical Engineering

Resolve to consider and approve the curriculum of all semesters of the UG course, B.E-Biomedical Engineering

VEL TECH MULTI TECH DR.RANGARAJAN & DR.SUKUTHALA ENGINEERING COLLEGE

DEPARTEMENT OF BIOMEDICAL ENGINEERING

Members for Board of Studies

Sl. No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Mr.S.Ramkumar	Chairman	Principal	Head and Assistant Professor,Department of Bio Medical Engineering,Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
2	Dr.G.Sasi	Member	HoD	Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
3	Mr. S.Sathish	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
4	Mr.S.Vinurajkumar	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
5	Ms.Nithyakalyani.K	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	

6	Mr.Venkata Subbaiah Putta	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthalaengg. College	
7	Dr. Kolanthaivel	Member (Subject Expert)	Academic Council	Professor, National Institute for Technical Teacher Training Institute, Chennai	
8	Dr. Gnanamani	Member (Subject Expert)	Academic Council	Scientist, CLRI, Chennai	
9	Dr.M.Sasikala	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Centre for Medical Electronics, Department of ECE, College of Engg. Guindy Anna University, Chennai – 600 025	
10	Mr.Kamalahasan	Member (Industry Expert)	Principal	Manager – HR, ZIFO Technologies Ltd., Chennai	
11	Mr.D.Raghunath	Member (Meritorious Alumnus)	Principal	Technical Manager, Application support, Techserv Healthcare PVT LTD, Chennai	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Circular

We are planned to conduct the Sixth Board of study (BOS) meeting for the Department of Biomedical Engineering will be held on Saturday 12th February , 2022 at the principal's office at 10.00 AM. Happy to invite all external and internal BOS members and faculty members of Department of Biomedical Engineering

Head of the Department

Head of the Department
Bio Medical Engineering
Vel Tech Multi Tech Dr. Rangarajan
Dr.Sakunthala Engineering College
42, Avadi to Vel Tech Road
Avadi, Chennai - 600 062

Date: 07.02.2022
Place: Avadi, Chennai

Copy to:
Principal
Engineering Departments
COE Office

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Minutes of Meeting - 006

Ref No: VTMT/BME/BoS/Minutes/2021-2022/006

The Sixth Board of Studies meeting of the Department of Biomedical Engineering was held on 12th February 2022 at Principal's office at 10:00 A.M.

The following are the items for the members

Item: 1

- To consider and approve the updated Syllabus of the Sixth, Seventh and Eighth semesters of the UG course, B.E-Biomedical Engineering for the regulation 2019.

Resolve to approve the presented the updated Syllabus of the Sixth, Seventh and Eighth semesters of the UG course, B.E-Biomedical Engineering.

VEL TECH MULTI TECH DR.RANGARAJAN & DR.SUKUTHALA ENGINEERING COLLEGE

DEPARTEMENT OF BIOMEDICAL ENGINEERING

Members for Board of Studies

Sl. No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Dr.S.Ramkumar	Chairman	Principal	Head and Associate Professor, Department of Bio Medical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
2	Dr.G.Sasi	Member	HoD	Professor, Department of Bio Medical Engineering,Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
3	Mr. S.Sathish	Member	HoD	Assistant Professor, Department of Bio Medical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
4	Mr.S.Vinurajkumar	Member	HoD	Assistant Professor, Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
5	Ms.Nithyakalyani.K	Member	HoD	Assistant Professor, Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
6	Mr.Venkata Subbaiah Putta	Member	HoD	Assistant Professor, Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunt	

				halaEngg. College	
7	Dr N.Bharathiraja	Member	HoD	Associate Professor, Department of Bio Medical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	ABSENT
8	Dr. Kolanthaivel	Member (Subject Expert)	Academic Council	Professor, National Institute for Technical Teacher Training Institute, Chennai	
9	Dr. Gnanamani	Member (Subject Expert)	Academic Council	Scientist, CLRI, Chennai	
10	Dr.M.Sasikala	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Centre for Medical Electronics, Department of ECE, College of Engg. Guindy Anna University, Chennai – 600 025	ABSENT
11	Mr.Kamalahasan	Member (Industry Expert)	Principal	Manager – HR, ZIFO Technologies Ltd., Chennai	ABSENT
12	Mr.D.Raghunath	Member (Meritorious Alumnus)	Principal	Technical Manager, Application support, Techserv Healthcare PVT LTD, Chennai	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Circular

We are planned to conduct the Seventh Board of study (BOS) meeting for the Department of Biomedical Engineering will be held on Friday, 09 December, 2022 at the principal's office at 02.30 PM. Happy to invite all external and internal BOS members and faculty members of Department of Biomedical Engineering.

Head of the Department

Head of the Department
Bio Medical Engineering
Vel Tech Multi Tech Dr. Rangarajan
Dr.Sakunthala Engineering College
42, Avadi to Vel Tech Road
Avadi, Chennai - 600 062

Date: 01.12.2022
Place: Avadi, Chennai

Copy to:
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Engineering Departments
COE Office

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Minutes of Meeting - 007

Ref No: VTMT/BME/BoS/Minutes/2022-2023/007

The Seventh board of studies meeting of the department of biomedical engineering was held on 9th December 2022 at Principal's office at 2.30 PM.

The following points were discussed and got approval from the BoS members

- Amendments ion the regulation 2019 for those who admitted in the year 2021 batch onwards were discussed.

A) Relative grading for the theory courses and absolute grading for the practical courses were to be implemented.

B) Internal and external marks for the theory courses was 40 and 60 marks respectively is be followed and Internal and external marks for the practical courses was 60 and 40 marks respectively is be followed.

C) For R2019 regulations Naalaiya Thiran/Naan Mudhalvan is to be included in the 6th semester instead of Programme elective

- Curriculum for the new regulation 2023 from semester I to VIII was discussed.

A) In semester I, Programming in C and its laboratory, Heritage in Tamil Basic Engineering sciences courses were included in the curriculum. English and maths courses name were changed as Technical English and Matrices and calculus respectively.

B) Problem solving and python Programming and its laboratory, Tamils and technologies courses were included in the curriculum. Course name change was implemented for the following subjects,

Technical English-II, Statistics and Numerical methods, Applied physics for semiconductor devices.

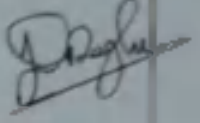
VEL TECH MULTI TECH DR.RANGARAJAN & DR.SUKUTHALA ENGINEERING COLLEGE

DEPARTEMENT OF BIOMEDICAL ENGINEERING

Members for Board of Studies

Sl. No	Name	Position in BOS	Nominated by	Designation	Signature
1	Dr.G.Sasi	Chairman	Principal	Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr,RangarajanDr.Sakunthala Engg. College	
2	Dr.N.Bharathiraja	Member	HoD	Associate Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr,RangarajanDr.Sakunthala Engg. College	
3	Mr. S.Sathish	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr,RangarajanDr.Sakunthala Engg. College	
4	Mr.S.Vinurajkumar	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr,RangarajanDr.Sakunthala Engg. College	
5	Ms.Nithyakalyani.K	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr,RangarajanDr.Sakunthala Engg. College	
6	Mr.Venkata Subbaiah Putta	Member	HoD	Assistant Professor,Department of Bio	

				Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
7	Ms.R.Harchana	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
8	Ms.A.Manisha	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
9	Ms.N.Mahalakshmi	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
10	Ms.S.Revathi	Member	HoD	Assistant Professor,Department of Bio Medical Engineering,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
11	Dr. Kolanthaivel	Member (Subject Expert)	Academic Council	Professor, National Institute for Technical Teacher Training Institute, Chennai	
12	Dr. Gnanamani	Member (Subject Expert)	Academic Council	Scientist, CLRI, Chennai	
13	Dr.R.Nakkeeran	Member (University Nominee)	Academic Council	Associate Professor,Department of Electronics Engg, Pondicherry University, Puducherry	
14	Mr.Kamalahasan	Member (Industry Expert)	Principal	Manager – HR, ZIFO Technologies Ltd., Chennai	Absent

15	Mr.D.Raghunath	Member (Meritorious Alumnus)	Principal	Technical Manager, Application support, Techserv Healthcare PVT LTD, Chennai	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Board of Studies Meeting

Department of Biomedical Engineering

Circular

We are planned to conduct the Eighth Board of study (BOS) meeting for the Department of Biomedical Engineering will be held on 30.08.2023 at the principal's office at 3.00 PM. Happy to invite all external and internal BOS members and faculty members of Department of Biomedical Engineering.

Head of the Department

Head of the Department
Bio Medical Engineering
Vel Tech Multi Tech Dr. Rangarajan
Dr. Sakunthala Engineering College
Avadi to Vel Tech Road
Avadi, Chennai - 600 062

Date: 16.08.2023
Place: Avadi, Chennai

Copy to:
Principal
Engineering Departments
COE Office

POINTS DISCUSSED:

The following points were discussed

- Curriculum and syllabi for the new Regulation 2023 from Semester I to III.
- List of subjects included in minor degree offered to other departments.
- Honors with specialization- Curriculum and syllabi of vertical 7 , offered in Semesters 5 and 6.
- Syllabi for the fifth semester Professional elective (Wearable Device)

The following items are requested for approval

- As Per the suggestions by BoS members of Science and Humanities, the Second Semester Maths paper was splitted into two for circuit branches and non-circuit branches. For the Department of Biomedical Engineering, **Differential equations and complex variables** were finalized.
- As per the Government amendments, the students those who admitted in 2022 should study the Tamil courses as given by the R2023,Anna university, In this regard , the first semester Tamil paper (Heritage in Tamil) was included in second semester and the Second semester Tamil paper (Tamils and Technology) was included in Third semester.
- As per the Principal's Suggestions, an amendment regarding R2023 curriculum was implemented. In this regard, core papers were excluded in seventh semester. Instead, Medical Image processing (core), both theory and lab was included in sixth semester and Excluded Nalaiya Thiran from sixth semester, Human Value Ethics from seventh semester.

The following suggestions were given by the BoS members

SUGGESTIONS	ACTION TAKEN
The syllabus for Introduction to Biomedical Engineering needs to be redefined.	The content of unit 2 and unit 5 was redefined .
The Contents for Linear integrated circuits seems to be very extensive. It can be divided into two subjects for the benefit of the students.	As the content was extensive, the two theory courses, Linear Integrated Circuits and Digital Logic Design, were combined into one theory course called **Analog and Digital Integrated Circuits**. To maintain the structure of the curriculum, another new core course was included in third semester called **Medical Physics.**
Credit distribution for signals and systems should be reviewed.	Verified and finalized as 4 credits.
First unit contents in Anatomy and human physiology should be redefined.	Implemented
Include the biosensors related contents in Biosensors and instrumentation.	Implemented
Redefine the contents and syllabus flow of Drug delivery systems.	Implemented
Include particles, Quantum dots and some basic topics related to nanomaterials in Nanotechnology and its applications.	Implemented
Maintain a fixed number of text books and reference books for all the courses.	Implemented

Enclosure: 1. Revised syllabus of R2023 (Semester 2, Semester 3, Verticals)
2. Revised R2023 Curriculum

VELTECH MULTITECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE
(Autonomous)
DEPARTMENT OF BIOMEDICAL ENGINEERING
8th BoS MEETING
MINUTES OF MEETING
Members for Board of Studies

DATE/TIME: 30.08.2023/3.00 PM

Sl. No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Dr.G.Sasi	Chairman	Principal	Head and Professor, Department of Bio Medical Engineering, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
2	Dr. N.Bharathiraja	Member	HoD	Associate Professor, Department of Bio Medical Engineering, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
3	Mrs. K Nithyakalyani	Member	HoD	Assistant Professor, Department of Bio Medical Engineering, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
4	Mr. VenkataSubbialiPutta	Member	HoD	Assistant Professor, Department of Bio Medical Engineering, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
5	Ms.N Mahalakshmi	Member	HoD	Assistant Professor, Department of Bio Medical Engineering, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
6	Ms A Vanitha	Member	HoD	Assistant Professor, Department of Bio Medical Engineering, Vel Tech Multi TechDr.RangarajanDr.Sakunthala Engg. College	
7	Ms.M.Shalini	Member	HoD	Asststant Professor, Department of Bio Medical Engineering, Vel TechMulti	

Sl. No	Name	Position in BOS	Nominated by	Designation	Signature
				TechDr.RangarajanDr.Sakunthala Engg. College	
8	Mr.P.S.Anushalin	Member	HoD	Assistant Professor, Department of Bio Medical Engineering, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
9	Dr.R.Nakkeeran	Member (University Nominee)	Academic Council	Associate Professor, Dept of Electronics Engg. Pondicherry university, Puudy	
10	Dr. G.Kulanthaivel	Member (Subject Expert)	Academic Council	Professor, National Institute for Technical Teacher Training Institute, Chennai	
11	Dr. A.Gnanamani	Member (Subject Expert)	Academic Council	Scientist, CLRI, Chennai	
12	Mr.Kamalahasan	Member (Industry Expert)	Principal	Manager – HR, ZIFO Technologies Ltd., Chennai	ABSENT
13	Mr.D.Raghunath	Member (Meritorious Alumnus)	Principal	Technical Manager, Application support, Techsery Healthcare PVT LTD, Chennai	

2020-2021

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Department Advisory Board

Department of Computer Science and Engineering

Minutes of Meeting – 004

Ref No: VTMT/CSE/DAB/Minutes/2020-2021/004

Time: 1:30PM Venue: Online through Google meet Date: 01.10.2020

The following points were taken up for discussion and consideration:

1. Highlights and Review about previous BoS Meeting

2. Consideratiou and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (Ist Semester)

3. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (IInd Semester)

4. Cousideration and Approval of detailed syllabi ro be pnt forth in the BoS of following Courses for B.Tech Cenputer Science and Business Systems (Ist Semester)

5. Consideration and Approval of detailed syllabi to be pnt forth iu the BoS of following Courses for B.Tech Computer Science and Business Systems (IInd Semester)

6. Any other suggestions

DAB COORDINATOR

Encl:

1. Curriculum and Syllabi of B.Tech Artificial Intelligence and Data Scienee berween Ist and IInd Semester
2. Curriculum and Syllabi of B.Tech Computer Science and Business Systems between Ist and IInd Semester

Department Advisory Board Members

Sl. No.	Name	Designation & Address	Signature
1	Dr. N. Ganesh	Head, CSE, VTMT	
2	Mrs. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering	
3	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering	
4	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering	
5	Mr. K. Immanuvel Arokia James	Assistant Professor, Department of Information Technology	
6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University-Chennai)

Meeting of the Board of Studies

Department of Artificiat Intelligence and Data Science

Circular – VTMT/AI&DS/BoS/Agenda/2020-2021/004

Date: 05.10.2020

The committee meeting will be held on 09.10.2020(Friday) at 3PM through online.

Agenda

The following points are lined up for discussion

1. Consideration and Approval of the list of Subjects and the syllabi of following Courses for B.Tech Artificial Intelligence and Data Science (I and II Semester) viz.,

I Semester

➢ Introduction to Programming in C	ES
➢ Programming in C Laboratory	ES

II Semester

➢ Data Structures and Algorithms	PC
➢ Problem Solving and Python Programming	ES
➢ Foundations of Data Science	PC
➢ Data Structures and Algorithms Laboratory	PC
➢ Problem Solving and Python Programming Laboratory	ES

2. Any other suggestions

PC – Professional Core ES – Engineering Sciences

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Board of Studies – Department of Computer Science and Engineering
List of Members

Sl. No.	Name	Designation & Address
1	Dr.N.Ganesh	Head, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
2	Dr. Madhu Mutyam	Professor & Department of CSE, IIT Madras, Chennai – 600036
3	Dr. C. Mala	Professor, Department of CSE, National Institute of Technology, Tiruchirapalli – 620015
4	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chrompet – 600044
5	Mr. S. Gokul	Dev – Ops Engineer, SAP Labs India Pvt Ltd, Bangalore
6	Mr. V. R Vimal	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
7	Ms. S.Selvanayaki	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
8	Ms. S Pavithra	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
9	Mr. P.Sathish Kumar	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
10	Mr. S.Vinod	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College
11	Mr. N. Ilsozhan	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
12	Mr. D.Ganeshkumar	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
13	Mr. S. Velmurugam	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
14	Ms.M.Ramya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College
15	Ms.E.Venitha	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College
16	Mrs.S.Deepa	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
17	Mr.V.Nehru	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
18	Ms.Annie Sylviya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala.Engg. College

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

An Autonomous Institution

B.Tech - COMPUTER SCIENCE AND BUSINESS SYSTEMS

CURRIEULUM SYLLABUS

SEMESTER I

Course Code	Name of the Course	Category	L	T	P	Credits
	Engineering Mathematics - I	BS	2	2	0	3
	Engineering Physics	BS	3	0	0	3
	Engineering Chemistry	BS	3	0	0	3
	Business Communication & Value Science - I	HSS	3	0	0	3
	Basic Engineering Science	ES	3	0	0	3
	Introduction to Programming in C	ES	3	0	0	3
	Engineering Graphics	ES	2	2	0	3
	Physics Laboratory	BS	0	0	2	1
	Chemistry Laboratory	BS	0	0	2	1
	Programming in C Laboratory	ES	0	0	2	1
		Total	19	4	6	24

SEMESTER II

Course Code	Name of the Course	Category	L	T	P	Credits
	Discrete Mathematics	BS	2	2	0	3
	Business Communication & Value Science - II	HSS	3	0	0	3
	Environmental Science and Engineering	ES	3	0	0	3
	Problem Solving and Python Programming	ES	3	0	0	3
	Data Structures and Algorithms	PC	3	0	0	3
	Design Thinking	PC	3	0	0	3
	Problem Solving and Python Programming Laboratory	ES	0	0	2	1
	Data Structures and Algorithms Laboratory	PC	0	0	2	1
	Engineering Practice Lab	ES	0	0	2	1
		Total	17	2	6	21

09.10.2020

4th BOARD OF STUDIES MINUTES OF MEETING

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

1. The First BoS Meeting for CSBS started by 3.50PM
2. Meeting agenda was stated to the external experts
3. BoS members were listed to them
4. 1st Semester and IInd Semester subjects were listed to them
5. After scrutinizing, the experts asked us to have Files concept in the first semester C Programming theory and file access programs in the C Laboratory subject
6. They suggested giving generic application program questions and not to have so specific questions for the laboratory courses
7. In the second semester, they asked us to change the subject title from Problem Solving and Python Programming to Object Oriented Programming. They suggested us to include concepts from C++ in the first two Units and to restrict Python to the remaining units
8. They asked to rename the subject name from Data Structures and Algorithms to Data Structures
9. They asked to rename the Python Programming Laboratory to Object Oriented Programming Laboratory. Similarly, Data Structures and Algorithms laboratory to Data Structures Laboratory
10. They asked us to remove the first two units and to expand the remaining three units to five units of Data Structure contents for Data Structures theory paper
11. They were satisfied with the theory subject Fundamentals of Design Thinking.
12. Experts asked us to consult with the First year coordinator and to minimize the number of subjects. They asked to follow the 6 theory + 2 laboratory model

13. First year Computer related subjects for the course Robotics and Automation Engineering were listed to the experts
    13 a. They were satisfied with Programming in C and C Laboratory for the 1st semester of R & AE Programme
    13 b. They were satisfied with the subjects Problem Solving and Python Programming theory and Python Programmming Laboratory for the 2nd semester of R & AE Progeramme
14. The First BoS meeting for CSBS concluded at 4.47PM

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr.N.Ganesh	Head , CSE, VTMT	Chairman	
2	Dr. Madhu Mutyam	Professor, Department of CSE, IIT Madras, Chennai – 600036	Member (Subject Expert)	
3	Dr. C. Mala	Professor, Department of CSE, NIT, Tiruchirapalli – 620015	Member (Subject Expert)	
4	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chrompet, Chennai – 600044	Member (University Nominee)	
5	Mr. S. Gokul	Dev-Ops Engineer, SAP Labs India Pvt. Ltd., Bangalore	Alumni - Post Graduate Alumnus	Gokul S
6.	Mr.V.R.Vimal	Assistant Professor	Member	
7	Ms. S. Selvanayaki	Assistant Professor	Member	
8.	Mr. P. Sathish Kumar	Assistant Professor	Member	
9.	Mr. S. Vinod	Assistant Professor	Member	
10	Mr. N. Insozhan	Assistant Professor	Member	
11	Mr.S.Velmurugan	Assistant Professor	Member	
12	Ms.M.Ramya	Assistant Professor	Member	
13.	Ms.E.Venitha	Assistant Professor	Member	
14.	Mrs.S.Deepa	Assistant Professor	Member	
15.	Mr.V.Nehru	Assistant Professor	Member	
16.	Ms.Annie Sylviya	Assistant Professor	Member	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Department Advisory Board

Department of Computer Science and Engineering

Minutes of Meeting – 005

Ref No: VTMT/CSE/DAB/Minutes/2020-2021/005

Time: 2:00PM Venue: Online through Google meet Date: 15.02.2021

The following points were taken up for discussion and consideration:

1. Highlights and Review about previous BoS Meeting

2. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.E. Computer Science and Engineering (VIIth Semester) viz.,

a. Cryptography and Network Security
b. Cloud Computing
c. Professional Elective - IV
d. Professional Elective – V
e. Security Laboratory
f. Cloud Computing Laboratory
g. Project Work Phase - I

3. Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIIth Semester) viz.,

a. Professional Elective - VI
b. Project Work Phase - II

4. Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Introduction to Artificial Intelligence
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

5. Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IVth Semester) viz.,

a. Discrete Mathematics
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Embedded Systems
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Laboratory
j. Internship-I

6. Consideration and Approval of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Basic Economics for Engineers
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

7. Consideration and Approval of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IVth Semester) viz.,

a. Linear Algebra and Numerical Methods
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Innovation Management, Entrepreneurship and IPR
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Laboratory
j. Internship-I

8. Any other suggestions

DAB COORDINATOR

Department Advisory Board Members

Sl. No.	Name	Designation & Address	Signature
1	Dr. N. Ganesh	Head, CSE, VTMT	
2	Mrs. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering	
3	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering	
4	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering	
5	Mr. K. Immanuvel Arokia James	Assistant Professor, Department of Information Technology	
6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

Department Advisory Board Members

Sl. No.	Name	Designation & Address	Signature
1	Dr. N. Ganesh	Head, CSE, VTMT	
2	Mrs. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering	
3	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering	
4	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering	
5	Mr. K. Immanuvel Arokia James	Assistant Professor, Department of Information Technology	
6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution,Affiliated to Anna University-Chennai)

Meeting of the Board of Studies

Department of Computer Science and Engineering

Circular – VTMT/CSE/BoS/Agenda/2020-2021/005

Date: 17.02.2021

The committee meeting will be held on 20.02.2021(Saturday) at 10.00AM through online.

Agenda

The following points are lined up for discussion

1. Review about previous BoS Meeting.

2. Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VII Semester) viz.,

   - Cryptography and Network Security
   - Cloud Computing
   - Professional Elective - IV
   - Professional Elective – V
   - Security Laboratory
   - Cloud Computing Laboratory
   - Project Work Phase - I

3. Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIII Semester) viz.,

   - Professional Elective - VI
   - Project Work Phase - II

4. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (III Semester) viz.,

   - Data Structures
   - Computer Architecture
   - Object Oriented Programming
   - Software Engineering
   - Introduction to Artificial Intelligence
   - Data Structures Laboratory
   - Object Oriented Programming Laboratory

5. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (IV Semester) viz.,
    - Design and Analysis of Algorithms
    - Database Management Systems
    - Operating Systems
    - Computer Networks
    - Embedded Systems
    - Database Management Systems Laboratory
    - Operating Systems Laboratory
    - Networks Laboratory
    - Internship-I
6. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Computer Science and Business Systems (III Semester) viz.,
    - Data Structures
    - Compoter Arobitecture
    - Object Oriented Programming
    - Software Engineering
    - Basic Economics for Engineers
    - Data Structures Laboratory
    - Object Oriented Programming Laboratory
7. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Computer Science and Business Systems (IV Semester) viz.,
    - Design and Analysis of Algorithms
    - Database Managemem Systems
    - Operating Systems
    - Computer Networks
    - Innovation Management, Entrepreneurship and IPR
    - Database Managemsnt Systems Laboratory
    - Operating Systems Laboratory
    - Networks Laboratory
    - Internship/Training-I
8. Any other suggestions.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous institution affiliated to Anna University)

Meeting of the Board of Studies

Department of Computer Science and Engineering

Minutes of Meeting – 005

Ref No: VTMT/CSE/BoS/Minutes/2020-2021/005

Time: 10:00AM Venue: Online through Google meet Date: 20.02.2021

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed

Item 1: Review about previous BoS Meeting

Resolution: Highlights about previous BoS Meeting

Item 2: Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIth Semester) viz.,

a. Cryptography and Network Security
b. Cloud Computing
c. Professional Elective - IV
d. Professional Elective – V
e. Security Laboratory
f. Cloud Computing Laboratory
g. Project Work Phase - I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.E. Computer Science and Engineering, (VIIth Semester) viz.,

a. Cryptography and Network Security
b. Cloud Computing
c. Professional Elective - IV
d. Professional Elective – V
e. Security Laboratory
f. Cloud Computing Laboratory
g. Project Work Phase - I

Item 3: Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIIth Semester) viz.,

a. Professional Elective - VI
b. Project Work Phase - II

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIIth Semester) viz.,

a. Professional Elective - VI
b. Project Work Phase - II

Item 4: Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Introduction to Artificial Intelligence
g. Data Structures Laboratory
h. Object Oriented Programming Laborarory
i. Advanced Reading and Writing

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Introduction to Artificial Intelligence
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

Item 5: Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IVth Semester) viz.,

a. Discrete Mathematics
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Embedded Systems
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory

i. Networks Laboratory
j. Internship-I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IVth Semester) viz.,

a. Discrete Mathematics
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Embedded Systems
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Laboratory
j. Internship-I

Item 6: Consideration and Approval of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Basic Economics for Engineers
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advenced Reading and Writing

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Basic Economics for Engineers
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

Item 7: Consideration and Approval of detailed syllabi of followiug Courses for B.Tech Computer Science and Business Systems (IVth Semester) viz..

a. Liuear Aigehra aud Numerical Methods
b. Databatse Mauagement Systems
c. Operating Systems
d. Computer Networks
e. Innovation Management, Entrepreneurship anil iPR
f. Sofiware Desigu and Mndelling
g. Datahase Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Labnratory
j. Internsliip-I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IVth Semester) viz..

a. Linear Algebra and Nnmerical Methods
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Iunovation Managcment, Entrepreneurship and iPR
f. Sofiwaro iDesign and Modciliug
g. Datahase Managcment Systems Laboratory
h. Operatiug Systems Lahoratory
i. Networks Laboratory
j. Internship-I

Item 8: Auy other suggestions

Resolution: Members were satisfied with the presentation and as there were no other points to he discussed, thc meeting was concInded with vote of thanks proposed hy Dr. N. GANESH, Professor and Head, Department of Computer Science and Engineering.

Our Next BoS Meeting Scheduled on 2nd week of August 2021. Date will be annonnced later.

CHAIRMAN

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr.N.Ganesh	Head , CSE, VTMT	Chairman	
2	Dr. Madhu Mutyam	Professor, Department of CSE, IIT Madras, Chennai – 600036	Member (Subject Expert)	
3	Dr. C. Mala	Professor, Department of CSE, NIT, Tiruchirapalli – 620015	Member (Subject Expert)	
4	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chrompet, Chennai – 600044	Member (University Nominee)	
5	Mr. S. Gokul	Dev-Ops Engineer, SAP Labs India Pvt. Ltd., Bangalore	Alumni - Post Graduate Alumnus	Gokul S
6.	Mr.V.R.Vimal	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	V.R.Vimal
7	Ms. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	S. Selvanayaki
8.	Mr. P. Sathish Kumar	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9.	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	Vinod
10	Mr. N. Insozhan	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	N. Insozhan
11	Mr.S.Vel murugan	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	S. Murugan
12	Ms.M.Ramya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	M
13.	Ms.E.Venitha	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	E. Venitha
14.	Mrs.S.Deepa	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
15.	Mr.V.Nehru	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	V. Nehru
16.	Ms.Annie Sylviya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	Annie

Vel tech Multi tech Dr. Rangarajan Dr. Sakunthala
Engineering College [Autonomnus]
B.Tech Computer Science and Business Systems
Curriculum

SEMESTER V

Course Code	Name of the Course	Category	L	T	P	Credits
	Operations Research	ES	2	2	0	3
	Compiler Design	PC	3	0	0	3
	Design and Analysis of Algorithms	PC	3	0	0	3
	Professional Elective - I	PE	3	0	0	3
	Professional Elective – II	PE	3	0	0	3
	Open Elective – I	OE	3	0	0	3
	Design and Analysis of Algorithms Lab	PC	0	0	2	1
	Compiler Design Lab	PC	0	0	2	1
	Technical Seminar	MC	0	0	0	**
		Total	17	2	4	20

SEMESTER VI

Course Code	Name of the Course	Category	L	T	P	Credits
	Machine Learning	PC	3	0	0	3
	Business Communication & Value Science - III	PC	3	0	0	3
	Internet Programming	PC	3	0	0	3
	Open Elective – II	OE	3	0	0	3
	Professional Elective - III	PE	3	0	0	3
	Professional Communication	HSS	0	0	2	1
	Internet Programming Lab	PC	0	0	2	1
	Machine Learning Lab	PC	0	0	2	1
	Mini Project	PROJ	0	0	4	2
	Internship / Training – II	MC	0	0	0	**
		Total	15	0	10	20

SEMESTER VII

Course Code	Name of the Course	Category	L	T	P	Credits
	Cryptography and Network Security	PC	3	0	0	3
	Marketing Research and Management	PC	3	0	0	3
	Open Elective – III	OE	3	0	0	3
	Professional Elective – VI	PE	3	0	0	3
	Professional Elective – V	PE	3	0	0	3
	Cryptography and Network Security Lab	PC	0	0	2	1
	Statistical Package for Social Sciences Lab	PC	0	0	2	1
	Project Work - Phase I	PROJ	0	0	2	2
		Total	15	0	6	19

SEMESTER VIII

Course Code	Name of the Course	Category	L	T	P	Credits
	Blockchain Technology	PC	3	0	0	3
	Professional Elective – VI	PE	3	0	0	3
	Open Elective – IV	OE	3	0	0	3
	Project Work - Phase II	PROJ	0	0	24	10
		Total	9	0	24	19

Total Credits [Sem I to Sem 8]: 162

Dr. MADHU MUTYAM, Professor, Department of CSE, IIT Madras, Chennai – 36

Dr. C. MALA, Professor, Department of CSE, National Institute of Technology, Tiruchirapalli – 620 015

7/9/21

Dr. P. VARALAKSHMI, Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai – 600 044

Gokul S

Mr. S. GOKUL, DevOps Engineer, SAP Labs India Pvt. Ltd., Bangalore

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr.N.Ganesh	Head . CSE. VTMT	Chairman	
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3	Dr. C. Mala	Professor, Department of CSE, NIT, Tiruchirapalli – 620015	Member (Subject Expert)	
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6.	Mr.V.R.Vimal	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
7	Ms. S. Selvanayaki	Assistant Professor	Member	
8.	Mr. P. Sathish Kumar	Assistant Professor	Member	
9.	Mr. S. Vinod	Assistant Professor	Member	
10	Mr. N. Insozhan	Assistant Professor	Member	
11	Mr.S.Velmurugan	Assistant Professor	Member	
12	Ms.M.Ramya	Assistant Professor	Member	
13.	Ms.E.Venitha	Assistant Professor	Member	
14.	Mrs.S.Deepa	Assistant Professor	Member	
15.	Mr.V.Nehru	Assistant Professor	Member	
16.	Ms.Annie Sylviya	Assistant Professor	Member	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Department Advisory Board

Department of Computer Science and Engineering

Minutes of Meeting – 006

Ref No: VTMT/CSE/DAB/Minutes/2021-2022/006

Time: 1:30PM Venue: Online through Google meet Date: 02.09.2021

The following points were taken up for discussiou and consideration:

1. Highlights aud Review about previous BoS Meeting

2. Consideration and Approval of detailed syllabi to be put forth in the BoS of foilowing Courses for B.Tech Artificial Intelligence and Data Science (Vth Semester)

3. Consideration and Approvai of detailed syllahi to be put forth in the BoS of foilowing Courses for B.Tech Artificiat Intelligence and Data Science (VIth Semester)

4. Consideratiou and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (VIIth Semester)

5. Consideratiou aud Approvai of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (VIIIth Semester)

6. Consideration aud Approval of detailed syllabi to he put forth in the BoS of following Courses for B.Tech Computer Seience and Business Systems (Vth Semester)

7. Consideratiou and Approval of detailed syllabi to be put forth iu the BoS of following Courses for B.Tech Computer Science and Business Systems (VIth Semester)

8. Consideration and Approval cf detailed syllabi to be put forth in the BoS of following Courses for B.Tech Computer Science and Business Systems (VIIth Semester)

9. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Computer Science and Business Systems (VIIIth Somester)

10. Any other suggestions

DAB COORDINATOR

Encl:

1. Curriculum and Syllabi of B.Tech Artificial Intelligence and Data Science between Vth and VIII Semester
2. Curriculum and Syllabi of B.Tech Computer Science and Business Systems between Vth and VIII Semester

Department Advisory Board Members

Sl. No.	Name	Designation & Address	Signature
1	Dr. N. Ganesh	Head, CSE, VTMT	
2	Mrs. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engineering	
3	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering	
4	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering	
5	Mr. Immanuvel Arokia James	Assistant Professor, Department of Information Technology	
6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

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[An Autonomous Institution, Affiliated to Anna University]

Board of Studies – Department of Computer Science and Engineering

[Conducting for Artificial Intelligence and Data Science, Computer Science and Business Systems]

List of Member

S.No	Member Name	Designation	Position in BoS
01	Dr. N. Ganesh	Dean & Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Chairman
02	Dr. Madhu Mutyam	Professor, Department of CSE, IIT Madras, Chennai – 600036	Member (Subject Expert)
03	Dr. C. Mala	Professor, Department of CSE, NIT, Tiruchirapalli – 620015	Member (Subject Expert)
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07	Mr. P. Sathish Kumar	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
08	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
09	Mr. N. Insozhan	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
10	Mr. S. Velmurugan	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
11	Ms. M.Ramya	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
12	Ms. V.Priya	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
13	Mrs. S.Deepa	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member

VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

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6th Board of Studies Meeting

Department of Computer Science and Engineering

VTMT/CSE/BoS/Agenda/2021-2022/006

03.09.2021

The Board of Studies Meeting is proposed to be held on 07.09.2021, Tuesday at 10:20AM through Virtual Mode.

Agenda

The following points are lined up for discussion:

1. **Reieww about previous BoS Meetiug**
2. **Considerntian and Approval ef detailed syliabi of foliowing Courses for B.Tech. Artificial Intelligence and Dnta Science (V Semester) viz.,**
   - i. Graph Theory and Applications
   - ii. intertiet Programming
   - iii. Design and Analysis of Algorithm
   - iv. Professioual Elective- 1
   - v. Professional Elective - II
   - vi. Open Elective- 1
   - vii. Design and Analysis of Algorithms Lab
   - viii. Internet Programming Laboratory
   - ix. Professional Communication
   - x. Technical Seminar
3. **2. Consideration nnd Approval of detailed syllabi of following Courses for D.Tech. Artificial Inteltigeoce and Dntn Science (VI Semester) viz.,**
   - i. Computer Graphics
   - ii. Machine Learning Techniques
   - iii. Big Data Anaiytics
   - iv. Professional elective- III
   - v. Open Elective- II
   - vi. Computer Graphies Lab
   - vii. Data Analyties Lab
   - viii. Mini Project
   - ix. Internship / Training – II
4. **Cousiderntion nad Approvnl of detailed syllabi of folluwing Courses for B.Teeb. Artifictal Intelligence and Data Scieuce (VII Semester) viz.,**
   - i. Artificial Neural Networks and Deep Learning
   - ii. Biockchaiu Technology
   - iii. Cloud Computing
   - iv. Open Elective – III
   - v. Pmfessional Elective – IV
   - vi. Professionai Elective – V
   - vii. Artificiai Neural Networks and Deep Learning Lab

6th Board of Studies Meeting Attendees Signature held on 07.09.2021, Tuesday

S. No	Member Name	Designation & Address	Signature
01	Dr. N. Ganesh	Dean & Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
02	Ms. S. Selvanayaki	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
03	Mr. P. Sathish Kumar	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
04	Mr. S. Vinod	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
05	Mr. N. Insozhan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
06	Mr. S. Velmurugan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
07	Ms. M.Ramya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
08	Ms. V.Priya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
09	Mrs. S.Deepa	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
10	Ms. S.Swetha	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
11	Mr. V.Nehru	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
12	Ms. S.Muthuselvi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
13	Ms. G.Nivethasri	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
14	Mr. M.Thiyagarajan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	

15	Ms. K.Sasirekha	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
16	Ms. A.Bhagyalakshmi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
17	Mr.S.Nagendiran	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
18	Ms.M.Sathya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
19	Ms.B.Mahalakshmi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
20	Ms.R.Shanthi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	

17.12.2022

8th BOARD OF STUDIES MINUTES OF MEETING

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, COMPUTER SCIENCE AND BUSINESS SYSTEMS

Agenda:

- Inclusion of "NaalayaThiran" course in VI /VII Semester
- Consideration and Approval of Curriculum and Syllabus for R-2023

  U.G B.Tech AI and DS, U.G B.Tech CS and BS

Minutes

- Presented to the Board of Studies (BoS) members about the Framing of 2023 curriculum and syllabi of and B.Tech - Artificial Intelligence and Data Scienceand Computer Science and Business Systems. Their suggestion regarding the introduction subjects in various semester has been incorporated.
- Naalaya Thiran programme was recently introduced in the 7th semester of 2019-2023 batch but most of the companies' recruitments happened in 7th semester and difficult to concentrate on Naalaya Thiran program.
- As a suggestion the same may be introduced in 6th semester, it was presented to the BoS members. They have accepted to introduce Naalaya Thiran program in 6th semester.

Signature by BoS Members

SL. No	Name of the Experts	Designation	Sign
1	Dr S.Palanikumar	Chairman	
2	Dr .P.Varalakshmi	Member (Subject Expert)	
3	Dr MADHU MUTYAM	Member (Subject Expert)	
4	Dr C.MALA	Member (Subject Expert)	
6	Mr. S.GOKUL	Member (Alumnus)	
7	Mrs.K.Haritha	Member	
8	Mrs.R.AniMinisha	Member	
9	Mrs.R.Harini	Member	
10	Ms.V.Vijayashanthi	Member	

11	Mr.C.Rajesh	Member	
12	Ms.P.Vinitha Baby	Member	
13	Ms.A.Vinothini	Member	

Date:02-09-2023

9th BOARD OF STUDIES AGENDA

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, COMPUTER SCIENCE AND BUSINESS SYSTEMS

- Inclusion of "தமிழரும்தொழில்நுட்பமும் / Tamils and Technology", in Semester III for Computer Science and Business Systems, of 2019 **Curriculum** for 2022-26 batch.
- Consideration and **Approval of Syllabus** of Honours / Minor Degree / Professional Elective Verticals of B.Tech - Computer Science and Business Systems from 2021-25batch onwards.
- Consideration and Approval for the **Corrections** in the Syllabus of **Design and Analysis of Algorithms** for B.Tech - Computer Science and Business Systems from 2021-25batch onwards.
- Consideration and Approval for the **Syllabus** of Semester-I ,Semester-II and Semester III of **B.Tech** - Computer Science and Business Systems (2023 **Regulation**).
- Consideration and Approval for the corrections in **Curriculum** of Semester-I and Semester-II of **B.Tech** – Computer Science and Business Systems (2023 Regulation).
  Consideration and Approval for the **Revamping of Curriculum** of Semester-VI,VII,VIII **B.Tech** – Computer Science and Business Systems (2021-25 batch onwards).

- Inclusion of "தமிழரும்தொழில்நுட்பமும் / Tamils and Technology", in Semester III for B.Tech - Artificial Intelligence and Data Science, of 2019 **Curriculum** for 2022-26 batch.
- Consideration and **Approval of Syllabus** of Honours / Minor Degree / Professional Elective Verticals for **B.Tech** - Artificial Intelligence and Data Science, from 2021-25batch onwards.
- Consideration and Approval for the **Corrections in** the Syllabus of Design and Analysis of Algorithms for **B.Tech** - Artificial Intelligence and Data Science, from 2021-25batch onwards.
- Consideration and Approval for the **Syllabus** of Semester-I , Semester-II and Semester III of **B.Tech** - Artificial Intelligence and Data Science (2023 Regulation).
- Consideration and Approval for the **correction in curriculum** of Semester-I and Semester-II of **B.Tech** – Artificial Intelligence and Data Science (2023 Regulation).
  Consideration and Approval for the **Revamping of Curriculum** of Semester-VI,VII,VIII **B.Tech** – Artificial Intelligence and Data Science ((2021-25 batch onwards).

Signature by BoS Members

Sl. No	Name of the Experts	Designation	Sign
1	Dr S.Palanikumar	Chairman	
2	Dr Ka.SELVARAJ	Member (Subject Expert)	
3	Dr MADHU MUTYAM	Member (Subject Expert)	
4	Dr C.MALA	Member (Subject Expert)	
5	Mr KEERTHIVASAN	Member from Industry	
6	Mr. S.GOKUL	Member (Alumnus)	
7	Mr.G. Kannan	Member	
8	Mrs.K.Haritha	Member	
9	Mrs.R.Ani Minisha	Member	
10	Mrs.R.Harini	Member	
11	Ms.V.Vijayashanthi	Member	
12	Mr.C.Rajesh	Member	
13	Ms.P.Vinitha Baby	Member	
14	Ms.A.Vinothini	Member	
15	Ms.P.M.Arthi	Member	
16	Mrs.T.Anitha	Member	
17	Mrs.Chandrakala	Member	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

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Meeting of the Board of Studies

Department of Computer Science and Engineering

Circular – VTMT/CSE/BoS/Agenda/2020-2021/005

Date: 17.02.2021

The committee meeting will be held on 20.02.2021(Saturday) at 10.00AM through online.

Agenda

The following points are lined up for discussion

1. Review about previous BoS Meeting.

2. Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VII Semester) viz.,

   - Cryptography and Network Security
   - Cloud Computing
   - Professional Elective - IV
   - Professional Elective – V
   - Security Laboratory
   - Cloud Computing Laboratory
   - Project Work Phase - I

3. Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIII Semester) viz.,

   - Professional Elective - VI
   - Project Work Phase - II

4. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (III Semester) viz.,

   - Data Structures
   - Computer Architecture
   - Object Oriented Programming
   - Software Engineering
   - Introduction to Artificial intelligence
   - Data Structures Laboratory
   - Object Oriented Programming Laboratory

5. Considerntion and Approvai of detniled syiiabi of fiitowing Courses for B.Tech. Artificial Intelligence and Data Science (IV Semester) viz.,
    - Design and Analysis of Algorithms
    - Database Management Systems
    - Operating Systems
    - Computer Networks
    - Embedded Systems
    - Database Managemcnt Systems Laboratory
    - Operating Systcms Lahoratory
    - Networks Laboratory
    - Internship-i
6. Consideration and Approval of detoiied syiiabi of following Courses for B.Tech. Compnter Science and Business Systems (IIi Semester) viz.,
    - Data Strucnures
    - Computer Arohitecture
    - Object Oriented Programming
    - Software Engineering
    - Basic Eeonomics for Engineers
    - Data Structures Laboratory
    - Object Oriented Programming Laboratory
7. Consideration and Approval of detaiied syiiabi of foliowing Courses for B.Tech. Computer Science and Business Systems (IV Semester) viz.,
    - Design and Analysis of Algorithms
    - Database Managemem Systems
    - Operating Systems
    - Computer Networks
    - Innovation Management, Entrepreneurship and IPR
    - Database Managemsnt Systems Laboratory
    - Operating Systems Laboratory
    - Networks Laboratory
    - Internship/Training-I
8. Aay other suggestions.

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Meeting of the Board of Studies

Department of Computer Science and Engineering

Minutes of Meeting – 005

Ref No: VTMT/CSE/BoS/Minutes/2020-2021/005

Time: 10:00AM Venue: Online through Google meet Date: 20.02.2021

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed

Item 1: Review about previous BoS Meeting

Resolution: Highlights about previous BoS Meeting

Item 2: Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIth Semester) viz.,

a. Cryptography and Network Security
b. Cloud Computing
c. Professional Elective - IV
d. Professional Elective – V
e. Security Laboratory
f. Cloud Computing Laboratory
g. Project Work Phase - I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.E. Computer Science and Engineering. (VIIth Semester) viz.,

a. Cryptography and Network Security
b. Cloud Computing
c. Professional Elective - IV
d. Professional Elective – V
e. Security Laboratory
f. Cloud Computing Laboratory
g. Project Work Phase - I

Item 3: Consideration and Approval of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIIth Semester) viz.,

a. Professional Elective - VI
b. Project Work Phase - II

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.E. Computer Science and Engineering (VIIIth Semester) viz.,

a. Professional Elective - VI
b. Project Work Phase - II

Item 4: Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Introduction to Artificial Intelligence
g. Data Structures Laboratory
h. Object Oriented Programming Laborarory
i. Advanced Reading and Writing

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Introduction to Artificial Intelligence
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

Item 5: Consideration and Approval of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IVth Semester) viz.,

a. Discrete Mathematics
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Embedded Systems
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory

i. Networks Laboratory
j. Internship-I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Artificial Intelligence & Data Science (IVth Semester) viz.,

a. Discrete Mathematics
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Embedded Systems
f. Software Design and Modelling
g. Database Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Laboratory
j. Internship-I

Item 6: Consideration and Approval of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Basic Economics for Engineers
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advenced Reading and Writing

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IIIrd Semester) viz.,

a. Probability and Statistics
b. Data Structures
c. Computer Architecture
d. Object Oriented Programming
e. Software Engineering
f. Basic Economics for Engineers
g. Data Structures Laboratory
h. Object Oriented Programming Laboratory
i. Advanced Reading and Writing

Item 7: Consideration and Approval of detailed syllabi of followiug Courses for B.Tech Computer Science and Business Systems (IVth Semester) viz..

a. Liuear Aigehra aud Numerical Methods
b. Databatse Mauagement Systems
c. Operating Systems
d. Computer Networks
e. Innovation Management, Entrepreneurship anil iPR
f. Sofiware Desigu and Mndelling
g. Datahase Management Systems Laboratory
h. Operating Systems Laboratory
i. Networks Labnratory
j. Internsliip-I

Resolution: Discussed and resolved to approve of detailed syllabi of following Courses for B.Tech Computer Science and Business Systems (IVth Semester) viz..

a. Linear Algebra and Nnmerical Methods
b. Database Management Systems
c. Operating Systems
d. Computer Networks
e. Iunovation Managcment, Entrepreneurship and iPR
f. Sofiwaro iDesign and Modciliug
g. Datahase Managcment Systems Laboratory
h. Operatiug Systems Lahoratory
i. Networks Laboratory
j. Internship-I

Item 8: Auy other suggestions

Resolution: Members were satisfied with the presentation and as there were no other points to he discussed, thc meeting was concInded with vote of thanks proposed hy Dr. N. GANESH, Professor and Head, Department of Computer Science and Engineering.

Our Next BoS Meeting Scheduled on 2nd week of August 2021. Date will be annonnced later.

CHAIRMAN

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr.N.Ganesh	Head , CSE, VTMT	Chairman	
2	Dr. Madhu Mutyam	Professor, Department of CSE, IIT Madras, Chennai – 600036	Member (Subject Expert)	
3	Dr. C. Mala	Professor, Department of CSE, NIT, Tiruchirapalli – 620015	Member (Subject Expert)	
4	Dr. P. Varalakshmi	Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chrompet, Chennai – 600044	Member (University Nominee)	
5	Mr. S. Gokul	Dev-Ops Engineer, SAP Labs India Pvt. Ltd., Bangalore	Alumni - Post Graduate Alumnus	Gokul S
6.	Mr.V.R.Vimal	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	V.R.Vimal
7	Ms. S. Selvanayaki	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	S. Selvanayaki
8.	Mr. P. Sathish Kumar	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9.	Mr. S. Vinod	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	Vinod
10	Mr. N. Insozhan	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	N. Insozhan
11	Mr.S.Vel murugan	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	S. Murugan
12	Ms.M.Ramya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	M
13.	Ms.E.Venitha	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	E. Venitha
14.	Mrs.S.Deepa	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
15.	Mr.V.Nehru	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	V. Nehru
16.	Ms.Annie Sylviya	Assistant Professor, Department of Computer Science and Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	Annie

Vel tech Multi tech Dr. Rangarajan Dr. Sakunthala
Engineering College [Autonomnus]
B.Tech Computer Science and Business Systems
Curriculum

SEMESTER V

Course Code	Name of the Course	Category	L	T	P	Credits
	Operations Research	ES	2	2	0	3
	Compiler Design	PC	3	0	0	3
	Design and Analysis of Algorithms	PC	3	0	0	3
	Professional Elective - I	PE	3	0	0	3
	Professional Elective – II	PE	3	0	0	3
	Open Elective – I	OE	3	0	0	3
	Design and Analysis of Algorithms Lab	PC	0	0	2	1
	Compiler Design Lab	PC	0	0	2	1
	Technical Seminar	MC	0	0	0	**
		Total	17	2	4	20

SEMESTER VI

Course Code	Name of the Course	Category	L	T	P	Credits
	Machine Learning	PC	3	0	0	3
	Business Communication & Value Science - III	PC	3	0	0	3
	Internet Programming	PC	3	0	0	3
	Open Elective – II	OE	3	0	0	3
	Professional Elective - III	PE	3	0	0	3
	Professional Communication	HSS	0	0	2	1
	Internet Programming Lab	PC	0	0	2	1
	Machine Learning Lab	PC	0	0	2	1
	Mini Project	PROJ	0	0	4	2
	Internship / Training – II	MC	0	0	0	**
		Total	15	0	10	20

SEMESTER VII

Course Code	Name of the Course	Category	L	T	P	Credits
	Cryptography and Network Security	PC	3	0	0	3
	Marketing Research and Management	PC	3	0	0	3
	Open Elective – III	OE	3	0	0	3
	Professional Elective – VI	PE	3	0	0	3
	Professional Elective – V	PE	3	0	0	3
	Cryptography and Network Security Lab	PC	0	0	2	1
	Statistical Package for Social Sciences Lab	PC	0	0	2	1
	Project Work - Phase I	PROJ	0	0	2	2
		Total	15	0	6	19

SEMESTER VIII

Course Code	Name of the Course	Category	L	T	P	Credits
	Blockchain Technology	PC	3	0	0	3
	Professional Elective – VI	PE	3	0	0	3
	Open Elective – IV	OE	3	0	0	3
	Project Work - Phase II	PROJ	0	0	24	10
		Total	9	0	24	19

Total Credits [Sem I to Sem 8]: 162

Dr. MADHU MUTYAM, Professor, Department of CSE, IIT Madras, Chennai – 36

Dr. C. MALA, Professor, Department of CSE, National Institute of Technology, Tiruchirapalli – 620 015

7/9/21

Dr. P. VARALAKSHMI, Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai – 600 044

Gokul S

Mr. S. GOKUL, DevOps Engineer, SAP Labs India Pvt. Ltd., Bangalore

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13.	Ms.E.Venitha	Assistant Professor	Member	
14.	Mrs.S.Deepa	Assistant Professor	Member	
15.	Mr.V.Nehru	Assistant Professor	Member	
16.	Ms.Annie Sylviya	Assistant Professor	Member	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Department Advisory Board

Department of Computer Science and Engineering

Minutes of Meeting – 006

Ref No: VTMT/CSE/DAB/Minutes/2021-2022/006

Time: 1:30PM Venue: Online through Google meet Date: 02.09.2021

The following points were taken up for discussion and consideration:

1. Highlights and Review about previous BoS Meeting

2. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (Vth Semester)

3. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (VIth Semester)

4. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (VIIth Semester)

5. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Artificial Intelligence and Data Science (VIIIth Semester)

6. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Computer Science and Business Systems (Vth Semester)

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9. Consideration and Approval of detailed syllabi to be put forth in the BoS of following Courses for B.Tech Computer Science and Business Systems (VIIIth Somester)

10. Any other suggestions

DAB COORDINATOR

Encl:

1. Curriculum and Syllabi of B.Tech Artificial Intelligence and Data Science between Vth and VIII Semester
2. Curriculum and Syllabi of B.Tech Computer Science and Business Systems between Vth and VIII Semester

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6.	Mr. S. Sithsabesan	Assistant Professor, Department of Mathematics	
7	Mr. V. Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engineering	

VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

[An Autonomous Institution, Affiliated to Anna University]

Board of Studies – Department of Computer Science and Engineering

[Conducting for Artificial Intelligence and Data Science, Computer Science and Business Systems]

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VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

]An Autonomous Institution, Affiliated to Anna University]

6th Board of Studies Meeting

Department of Computer Science and Engineering

VTMT/CSE/BoS/Agenda/2021-2022/006

03.09.2021

The Board of Studies Meeting is proposed to be held on 07.09.2021, Tuesday at 10:20AM through Virtual Mode.

Agenda

The following points are lined up for discussion:

1. **Reieww about previous BoS Meetiug**
2. **Considerntian and Approval ef detailed syliabi of foliowing Courses for B.Tech. Artificial Intelligence and Dnta Science (V Semester) viz.,**
   - i. Graph Theory and Applications
   - ii. intertiet Programming
   - iii. Design and Analysis of Algorithm
   - iv. Professioual Elective- 1
   - v. Professional Elective - II
   - vi. Open Elective- 1
   - vii. Design and Analysis of Algorithms Lab
   - viii. Internet Programming Laboratory
   - ix. Professional Communication
   - x. Technical Seminar
3. **2. Consideration nnd Approval of detailed syllabi of following Courses for D.Tech. Artificial Inteltigeoce and Dntn Science (VI Semester) viz.,**
   - i. Computer Graphics
   - ii. Machine Learning Techniques
   - iii. Big Data Anaiytics
   - iv. Professional elective- III
   - v. Open Elective- II
   - vi. Computer Graphies Lab
   - vii. Data Analyties Lab
   - viii. Mini Project
   - ix. Internship / Training – II
4. **Cousiderntion nad Approvnl of detailed syllabi of folluwing Courses for B.Teeb. Artifictal Intelligence and Data Scieuce (VII Semester) viz.,**
   - i. Artificial Neural Networks and Deep Learning
   - ii. Biockchaiu Technology
   - iii. Cloud Computing
   - iv. Open Elective – III
   - v. Pmfessional Elective – IV
   - vi. Professionai Elective – V
   - vii. Artificiai Neural Networks and Deep Learning Lab

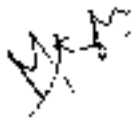
07.09.2021

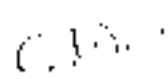
6th BOARD OF STUDIES MINUTES OF MEETING

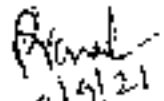
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

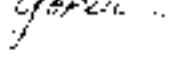
- In 5th semester, the credit of Graph theory and Applications course is suggested to be 4 as it has two Lecture hours and two tutorial hours. This change of credit may be incorporated based on the approval of the Academic Council.
- Professional Communication course in 5th semester can be shifted to the 6th semester.
- In the 6th Semester, for Computer Graphics Labs it was suggested to add Multimedia contents and the course to be renamed as "Computer Graphics and Multimedia Laboratory".
- The Block chain Technology course placed in 7th semester can be taken to the 8th semester.

E-Signature by BoS Members

1.  Dr. MADHU MUTYAM, Professor, Department of CSE, IIT Madras, Chennai – 600 036

2.  Dr. C. MALA, Professor, Department of CSE, National Institute of Technology, Tiruchirappalli – 620 015

3.  Dr. P. VARALAKSHMI, Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai – 600 044

4.  Mr. S. GOKUL, DevOps Engineer, SAP Labs India Pvt. Ltd., Bangalore

6th Board of Studies Meeting Attendees Signature held on 07.09.2021, Tuesday

S. No	Member Name	Designation & Address	Signature
01	Dr. N. Ganesh	Dean & Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
02	Ms. S. Selvanayaki	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
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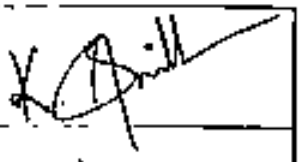
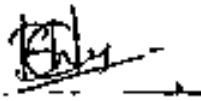
12	Ms. S.Muthuselvi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
13	Ms. G.Nivethasri	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
14	Mr. M.Thiyagarajan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	





15	Ms. K.Sasirekha	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
16	Ms. A.Bhagyalakshmi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
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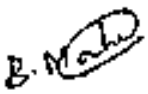
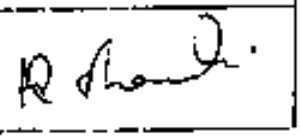
19	Ms.B.Mahalakshmi	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	B. Mahal
20	Ms.R.Shamli	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	R Shamli





2021-2022

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Department Advisory Board

Department of Computer Science and Engineering

Minutes of Meeting – 006

Ref No: VTMT/CSE/DAB/Minutes/2021-2022/006

Time: 1:30PM Venue: Online through Google meet Date: 02.09.2021

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10. Any other suggestions

DAB COORDINATOR

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1. Curriculum and Syllabi of B.Tech Artificial Intelligence and Data Science between Vth and VIII Semester
2. Curriculum and Syllabi of B.Tech Computer Science and Business Systems between Vth and VIII Semester

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17	Ms. S.Muthuselvi	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
18	Ms. G.Nivethusri	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
19	Mr. M.Dhyagarajan	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
20	Ms. K.Sasirekha	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
21	Ms. A.Bhagyalakshmi	Assistant Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
22	Mr.S.Nagendiran	Assistant Professor, Department of Artificial Intelligence and Data Science, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
23	Ms.M.Sathya	Assistant Professor, Department of Computer Science and Business Systems, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
24	Ms.B.Mahalakshmi	Assistant Professor, Department of Computer Science and Business Systems, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member
25	Ms.R.Shamli	Assistant Professor, Department of Computer Science and Business Systems, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	Member

VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

[An Autonomous Institution, Affiliated to Anna University]

6th Board of Studies Meeting

Department of Computer Science and Engineering

VTMULTECH/BoS/Agenda/2021-2022/006

03.09.2021

The Board of Studies Meeting is proposed to be held on 07.09.2021, Tuesday at 10.20AM through Virtual Mode.

Agenda

The following points are lined up for discussion:

1. **Review about previous BoS Meeting**
2. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (V Semester) viz.,**
   - i. Graph Theory and Applications
   - ii. Internet Programming
   - iii. Design and Analysis of Algorithm
   - iv. Professional Elective – I
   - v. Professional Elective - II
   - vi. Open Elective- I
   - vii. Design and Analysis of Algorithms Lab
   - viii. Internet Programming Laboratory
   - ix. Professional Communication
   - x. Technical Seminar
3. **2. Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (VI Semester) viz.,**
   - i. Computer Graphics
   - ii. Machine Learning Techniques
   - iii. Big Data Analytics
   - iv. Professional elective- III
   - v. Open Elective- II
   - vi. Computer Graphics Lab
   - vii. Data Analytics Lab
   - viii. Mini Project
   - ix. Internship – Training – II
4. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (VII Semester) viz.,**
   - i. Artificial Neural Networks and Deep Learning
   - ii. Blockchain Technology
   - iii. Cloud Computing
   - iv. Open Elective – III
   - v. Professional Elective – IV
   - vi. Professional Elective – V
   - vii. Artificial Neural Networks and Deep Learning Lab

xvii [illegible]
xviii [illegible]

5. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Artificial Intelligence and Data Science (VIII Semester) viz.,**
   i. [illegible]
   ii. [illegible]
   iii. [illegible]

6. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Computer Science and Business Systems (V Semester) viz.,**
   i. [illegible]
   ii. [illegible]
   iii. [illegible]
   iv. Professional Elective – I
   v. Professional Elective – II
   vi. Open Elective – I
   vii. Computer Design Laboratory
   viii. Design and Analysis of Algorithms Lab
   ix. Professional Communication
   x. Technical Seminar

7. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Computer Science and Business Systems (VI Semester) viz.,**
   i. Machine Learning Techniques
   ii. Business Communication & Ethics
   iii. Internet Programming
   iv. Open Elective – II
   v. Professional Elective – III
   vi. Internet Programming Laboratory
   vii. Machine Learning Lab
   viii. Mini Project
   ix. Internship Training – II

8. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Computer Science and Business Systems (VII Semester) viz.,**
   i. Cryptography and Network Security
   ii. Marketing Research and Management
   iii. IT Project Management
   iv. Open Elective – III
   v. Professional Elective – V
   vi. Professional Elective – VI
   vii. Cryptography and Network Security Lab
   viii. Statistical Processes for Social Sciences Lab
   ix. Project Work – Phase – I

9. **Consideration and Approval of detailed syllabi of following Courses for B.Tech. Computer Science and Business Systems (VIII Semester) viz.,**
   i. Professional Elective – VII
   ii. Open Elective – IV
   iii. Project Work – Phase – II

[illegible]

6th BOARD OF STUDIES MINUTES OF MEETING

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

- In 5th semester, the credit of Graph theory and Applications course is suggested to be 4 or 6 hrs two Lecture hours and two tutorial hours. This change of credit may be incorporated based on the approval of the Academic Council.
- Professional Communication course in 5th semester can be given to the 6th semester.
- In the 6th Semester [illegible] Lab, it may be [illegible] to add Multimedia contents and the course [illegible] Computer Graphics and Multimedia Laboratory.
- The Block chain Technology course placed in 7th semester can be taken to the 8th semester.

E-Signature by BoS Members

1. Dr. MADHU MUTYAM, Professor, Department of CSE, IIT Madras, Chennai - 600 036

2. Dr. C. MALA, Professor, Department of CSE, National Institute of Technology, Tiruchirapalli - 620 015

3. Dr. P. VARALAKSHMI, Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai - 600 044

4. Mr. S. GOKUL, DevOps Engineer, SAP Labs India Pvt. Ltd., Bangalore

6th Board of Studies Meeting Attendees Signature held on 07.09.2021, Tuesday

S. No	Member Name	Designation & Address	Signature
01	Dr. N. Ganesh	Dean & Professor, Department of Computer Science and Engineering, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
02	Ms. S. Selvanayaki	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
03	Mr. P. Sathish Kumar	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
04	Mr. S. Vinod	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
05	Mr. N. Inozhan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
06	Mr. S. Velmurugan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
07	Ms. M.Ramya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
08	Ms. V.Priya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
09	Mrs. S.Deepa	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
10	Ms. S.Swetha	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
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14	Mr. M.Thiyagarajan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	

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20	Ms.R.Shamli	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	

07.09.2021

6th BOARD OF STUDIES MINUTES OF MEETING

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

- The credit of Operations Research course is suggested as for 4 as it has two Lecture hours and two tutorial hours. This change of credit may be incorporated based on the approval of the Academic Council.
- Professional Communication course in 5th semester can be taken to 6th semester.
- The courses Technical Seminar and Mini project can be combined together as a small course with no change in credit.
- The course IT Project Management can be replaced with Block Chain Technology and can be moved to the 8th semester.

E-Signature by BoS Members

1. Dr. MADHU MUTYAM, Professor, Department of CSE, IIT Madras, Chennai – 600 036.

2. Dr. C. MALA, Professor, Department of CSE, National Institute of Technology, Tiruchirapalli – 620 015.

7/9/21

3. Dr. P. VARALAKSHMI, Associate Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai – 600 044.

4. Mr. S. GOKUL, DevOps Engineer, SAP Labs India Pvt. Ltd., Bangalore.

6th Board of Studies Meeting Attendees Signature Held on 07.09.2021, Tuesday

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05	Mr. N. Insozhan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
06	Mr. S. Velmurugan	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
07	Ms. M.Ramya	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr. Sakunthala Engg. College	
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20	Mr.R.Shanth	Assistant Professor, Vel Tech Multi tech Dr. Rangarajan Dr Sakunthala Engg. College	

Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

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B.Tech – Artificial Intelligence and Data Science

Curriculum

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
1	I	191MA101	Engineering Mathematics - I	BS	2	2	0	[illegible]
2	I	191PH101	Engineering Physics	BS	3	0	0	[illegible]
3	I	191CH101	Engineering Chemistry	BS	3	0	0	[illegible]
4	I	191HS101	English for Engineering Students	HSS	3	0	0	[illegible]
5	I	191RA111	Basic Engineering Science	ES	3	0	0	[illegible]
6	I	191CS111	Introduction to Programming in C	ES	3	0	0	[illegible]
7	I	191PH11A	Physics Laboratory	BS	0	0	2	[illegible]
8	I	191CH11A	Chemistry Laboratory	BS	0	0	2	[illegible]
9	I	191CS11A	Programming in C Laboratory	ES	0	0	2	[illegible]
			Total		17	2	6	[illegible]

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
1	II	191MA202	Calculus and Differential Equations	BS	2	2	0	[illegible]
2	II	191EC212	Digital System Design	ES	3	0	0	[illegible]
3	II	191HS301	Environmental Science and Engineering	HSS	3	0	0	[illegible]
4	II	191ME211	Engineering Graphics	ES	2	2	0	[illegible]
5	II	191CS221	Problem Solving and Python Programming	PC	3	0	0	[illegible]
6	II	191AI221	Foundations of Data Science	PC	3	0	0	[illegible]
7	II	191CS22A	Problem Solving and Python Programming Laboratory	PC	0	0	2	[illegible]
8	II	191ME21A	Engineering Practice Lab	ES	0	0	2	[illegible]
			Total		16	4	6	[illegible]

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
1	III	191MA301	Probability and Statistics	BS	2	2	0	[illegible]
2	III	[illegible]	[illegible]	PC	3	0	0	[illegible]
3	III	191CS322	Computer Architecture	PC	3	0	0	[illegible]
4	III	191CS323	Object Oriented Programming	PC	3	0	0	[illegible]
5	III	191CS324	Software Engineering	PC	3	0	0	[illegible]
6	III	[illegible]	[illegible]	PC	3	0	0	[illegible]
7	III	[illegible]	[illegible]	PC	3	0	0	[illegible]
8	III	191CS32A	Object Oriented Programming Laboratory	PC	0	0	2	[illegible]
9	III	191HS30A	Advanced Reading and Writing	HSS	0	0	2	[illegible]
			Total		17	[illegible]	6	[illegible]

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
	IV							
	IV							
	IV							
	IV							
	IV							
	IV							
	IV		Database Management Systems Laboratory					
	IV		Operating Systems Laboratory					
	IV		Networks Laboratory					
	IV		Internship-I					

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
	V							
	V							
	V							
	V							
	V							
	V							
	V		Design and Analysis of Algorithms Lab					
	V		Internet Programming Lab					
	V		Professional Communication					
	V		Technical Seminar					
				Total				

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
	VI							
	VI							
	VI							
	VI							
	VI							
	VI							
	VI							
	VI		Mini Project					
	VI		Internship – Training – II					

				Total	15	0	0	15

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
1	VII		Artificial Neural Networks and Deep Learning	PC	3	0	0	3
2	VII		Cloud Computing	PC	3	0	0	3
3	VII		Open Elective – III	OE	3	0	0	3
4	VII		Professional Elective – IV	PE	3	0	0	3
5	VII		Professional Elective – V	PE	3	0	0	3
6	VII		Artificial Neural Networks and Deep Learning Lab	PC	0	0	3	1.5
7	VII		Cloud Computing Lab	PC	0	0	3	1.5
8	VII		Project Work - Phase I	PROJ	0	0	6	6
				Total	15	0	6	19

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T		
1	VIII		Blockchain Technology	PC	3	0	0	3
2	VIII		Professional Elective – VI	PE	3	0	0	3
3	VIII		Project Work – Phase II	PROJ	0	0	24	12
				Total	6	0	24	18
							Total Credits	148

AI&DS – Professional Electives

Semester	Professional Elective	Course Code	Name of the Course	Category	L	T	P	Credit
V			Internet Of Things	PE	3	0	0	3
V			Software Reliability And Metrics	PE	3	0	0	3
V			Principles Of Programming Language	PE	3	0	0	3
V			Soft Computing	PE	3	0	0	3
V			Mobile Application Architecture and Programming	PE	3	0	0	3
V			Data mining and Visualization	PE	3	0	0	3
V			Network Design and Technologies	PE	3	0	0	3
V			Deep Learning Neural networks	PE	3	0	0	3
V			Security Practices	PE	3	0	0	3
V			Software Testing	PE	3	0	0	3
VI			Semantic Analysis	PE	3	0	0	3
VI			Big Data Analytics	PE	3	0	0	3

VI	III		Virtual and Augmented reality	PE	3	0	0	3
VI			Real Time Systems	PE	3	0	0	3
VI			Malware Analysis in Data science	PE	3	0	0	3
VII			Information Retrieval	PE	3	0	0	3
VII			Social Network Analysis	PE	3	0	0	3
VII	IV		Business Intelligence	PE	3	0	0	3
VII			Pattern Recognition	PE	3	0	0	3
VII			Trust networks	PE	3	0	0	3
VII			Data Visualization	PE	3	0	0	3
VII			Ethics of Engineers	PE	3	0	0	3
VII	V		Digital Image Processing	PE	3	0	0	3
VII			Game Programming	PE	3	0	0	3
VII			Software Project Management	PE	3	0	0	3
VIII			Human Computing Interaction	PE	3	0	0	3
VIII			Software Orientated Architecture	PE	3	0	0	3
VIII	VI		AI For Clinical Information System	PE	3	0	0	3
VII			Natural Language Processing	PE	3	0	0	3
VII			Robotics	PE	3	0	0	3

AI&DS - Open Electives

Year	Semester	Offered by	Name of the Course	Category	L	T	P	Credits
III	5	BME	Principles Of Telemedicine	OE	3	0	0	3
III	5	CIVIL	Urban Planning and Development	OE	3	0	0	3
III	5	ECE	Medical Electronics	OE	3	0	0	3
III	5	ECE	Wireless Networks	OE	3	0	0	3
III	5	EEE	Electrical Engineering	OE	3	0	0	3
III	5	MECH	Renewable Energy Sources	OE	3	0	0	3
III	5	BME	Introduction To Biomedical Instruments	OE	3	0	0	3
III	5	CIVIL	Disaster Management	OE	3	0	0	3
III	5	ECE	Robotics and Automation	OE	3	0	0	3
III	6	ECE	Sensors and Transducers	OE	3	0	0	3
III	6	ECE	Satellite Communication	OE	3	0	0	3
III	6	EEE	Power Electronics & Drives	OE	3	0	0	3
III	6	MECH	Energy Conservation and Management	OE	3	0	0	3
III	6	ECE	Cognitive Radio	OE	3	0	0	3
IV	6	BME	Electronics in Medicine	OE	3	0	0	3
IV	6	CIVIL	Housing Planning and Management	OE	3	0	0	3
IV	6	ECE	MEMS and NEMS	OE	3	0	0	3

IV	6	ECE	Telecommunication Network Management	OE	3	0	0	3
IV	7	EEE	Energy Resources and Utilization	OE	3	0	0	3
IV	7	MECH	Material Science and Technology	OE	3	0	0	3
IV	7	BME	Basic Of Bioinformatics	OE	3	0	0	3
IV	7	ECE	Wireless Communication	OE	3	0	0	3
IV	7	ECE	Digital Image Processing	OE	3	0	0	3
IV	7	ECE	Digital Instrumentation	OE	3	0	0	3
IV	7	IT	Advance Database Technologies	OE	3	0	0	3
IV	7	IT	Multimedia Databases	OE	3	0	0	3
IV	7	MECH	Design Thinking	OE	3	0	0	3

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B.Tech - Computer Science and Business Systems

Curriculum

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
	I	191MA101	Engineering Mathematics - I	BS	2	2	0	
	I	191PH101	Engineering Physics	BS	3	0	0	
	I	191CH101	Engineering Chemistry	BS	[illegible]	0	[illegible]	
	I	191HS102	Business Communication & Value Science - I	HSS	[illegible]	0	[illegible]	
	I	191RA111	Basic Engineering Science	ES	3	0	0	
	I	191CS111	Introduction to Programming in C	ES	3	0	0	
	I	191PH10A	Physics Laboratory	BS	0	0	2	
	I	191CH10A	Chemistry Laboratory	BS	0	0	2	
	I	191CS11A	Programming in C Laboratory	ES	0	0	2	
			Total		[illegible]	2	[illegible]	

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
	II	191MA203	Discrete Mathematics	BS	2	2	0	
	II	191HS202	Business Communication & Value Science - II	HSS	3	0	0	
	II	191HS201	Environmental Science and Engineering	HSS	3	0	0	
	II	191ME211	Engineering Graphics	ES	2	2	0	
	II	191CS22[illegible]	Problem Solving and Python Programming	PC	[illegible]	0	0	
	II	191CS[illegible]	[illegible] Design Thinking	PC	[illegible]	[illegible]	[illegible]	
	II	191ME[illegible]	Engineering Practice Lab	ES	[illegible]	[illegible]	[illegible]	
	II	191CS22[illegible]	Problem Solving and Python Programming Laboratory	PC	0	0	2	
			Total		16	4	6	

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
	III	191MA[illegible]	Probability and Statistics	BS	2	2	0	
	III	191M[illegible]	[illegible]	PC	[illegible]	0	0	
	III	191CS[illegible]	Computer Architecture	PC	[illegible]	0	0	
	III	191CS[illegible]	Object Oriented Programming	PC	[illegible]	[illegible]	0	
	III	191CS[illegible]	Software Engineering	PC	3	0	0	
	III	[illegible]	[illegible]	PC	3	[illegible]	[illegible]	
	III	[illegible]	[illegible] Laboratory	PC	0	0	2	
	III	191CS[illegible]	Object Oriented Programming Laboratory	PC	0	[illegible]	2	

[illegible]	[illegible]	191HS30A	Advanced Reading and Writing	HSS	0	0	2	1
			Total		17	2	6	21

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
[illegible]	[illegible]		Linear Algebra and Numerical Methods	BS	2	2	0	3
[illegible]	[illegible]	191CS427	Database Management Systems	PC	3	0	0	3
[illegible]	[illegible]	191CS427	Operating Systems	PC	3	0	0	3
[illegible]	[illegible]	191CS424	Computer Networks	PC	3	0	0	3
[illegible]	[illegible]	[illegible]	[illegible]	PC	3	0	0	3
[illegible]	[illegible]	[illegible]	[illegible]	PC	3	0	0	3
[illegible]	[illegible]	191CS42A	Database Management Systems Laboratory	PC	0	0	2	1
[illegible]	[illegible]	191CS42B	Operating Systems Laboratory	PC	0	0	2	1
[illegible]	[illegible]	191CS42C	Networks Laboratory	PC	0	0	2	1
[illegible]	[illegible]	191ML46A	Internship / Training I	MC	0	0	0	**
			Total		17	2	6	21

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
[illegible]	[illegible]		Operations Research	BS	2	2	0	3
[illegible]	[illegible]		Compiler Design	PC	3	0	0	3
[illegible]	[illegible]		Design and Analysis of Algorithms	PC	3	0	0	3
[illegible]	[illegible]		[illegible]	PC	3	0	0	3
[illegible]	[illegible]		[illegible]	[illegible]	3	0	0	3
[illegible]	[illegible]		[illegible]	[illegible]	3	0	0	3
[illegible]	[illegible]		Design and Analysis of Algorithms Lab	PC	0	0	2	1
[illegible]	[illegible]		Compiler Design Lab	PC	0	0	2	1
[illegible]	[illegible]		Professional Communication	HSS	0	0	2	1
[illegible]	[illegible]		Technical Seminar	MC	0	0	0	**
				Total	17	2	6	21

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
[illegible]	[illegible]		Machine Learning	PC	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]		[illegible]	PC	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	PC	[illegible]	0	0	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	3	0	0	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	0	0	[illegible]
[illegible]	[illegible]		[illegible]	PC	0	0	2	[illegible]

7	VI		Machine Learning Lab	PC	0	0	2	1
8	VI		Mini Project	PROJ	0	0	4	2
9	VI		Internship / Training - II	MC	0	0	0	**
				Total	15	0	8	19

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
1	VII		Cryptography and Network Security	PC	3	0	0	3
2	VII		Marketing Research and Management	PE	3	0	0	3
3	VII		Open Elective III	OE	3	0	0	3
4	VII		Professional Elective VI	PE	3	0	0	3
5	VII		Professional Elective V	PE	3	0	0	3
6	VII		Cryptography and Network Security Lab	PC	0	0	2	1
7	VII		Statistical Package for Social Sciences Lab	PC	0	0	2	1
8	VII		Project Work - Phase I	PROJ	0	0	2	2
				Total	15	0	4	19

S.No	Semester	Course Code	Name of the Course	Category	No of Hours/Week			C
					L	T	P	
1	VIII		Blockchain Technology	PC	3	0	0	3
2	VIII		Professional Elective VI	PE	3	0	0	3
3	VIII		Project Work - Phase II	PROJ	0	0	24	10
				Total	6	0	24	16

Total Credits 159

CN&BS Professional Electives

Semester	Professional Elective	Course Code	Name of the Course	Category	L	T	P	Credits
V			Business Analytics	PE	3	0	0	3
V			Internet of Things	PE	3	0	0	3
V			Information Security	PE	3	0	0	3
V			Soft Computing	PE	3	0	0	3
V			Computer Graphics and Visualization	PE	3	0	0	3
V			Fundamentals of Management	PE	3	0	0	3
V			Digital Signal Processing	PE	3	0	0	3
V			Graph Theory and Applications	PE	3	0	0	3

V			Computer Graphics	PE	3	0	0	3
V			Adhoc and Sensor Networks	PE	3	0	0	3
VI			Parallel Algorithms	PE	3	0	0	3
VI			Human Computer interaction	PE	3	0	0	3
VI	III		Mobile and pervasive computing	PE	3	0	0	3
VI			Information Retrieval Techniques	PE	3	0	0	3
VI			Cyber Forensics	PE	3	0	0	3
VII			Natural Language Processing	PE	3	0	0	3
VII			C# and .Net Programming	PE	3	0	0	3
VII	IV		Information Security	PE	3	0	0	3
VII			Speech Processing	PE	3	0	0	3
VII			Cloud computing	PE	3	0	0	3
VII			Data Mining and Analytics	PE	3	0	0	3
VII			Real Time Systems	PE	3	0	0	3
VII	V		Neural Networks and Deep Learning	PE	3	0	0	3
V			Social Network Analysis	PE	3	0	0	3
V			Soft Computing	PE	3	0	0	3
VII			Robotics and Embedded Systems	PE	3	0	0	3
VII			Financial and Cost accounting	PE	3	0	0	3
VII	VI		Image Processing And Pattern Recognition	PE	3	0	0	3
VII			Software Testing	PE	3	0	0	3
VII			Big Data Analytics	PE	3	0	0	3

CSE19 – Open Electives

Year	Semester	Offered by	Name of the Course	Category	L	T	P	Credit
III	I	SME	Principles of Management	OE	3	0	0	3
III	I	CIVIL	Disaster Preparedness and Planning	OE	3	0	0	3
III	I	EEE	Medical Electronics	OE	3	0	0	3
III	I	EEE	Wireless Networks	OE	3	0	0	3
III	I	EIE	Electronic Instrumentation	OE	3	0	0	3
III	I	MECH	Renewable Energy Sources	OE	3	0	0	3
III	II	ECE	Fundamentals of Embedded Systems	OE	3	0	0	3
III	II	CIVIL	Disaster Management	OE	3	0	0	3
III	II	EEE	Robotics and Automation	OE	3	0	0	3
III	II	EEE	Smart Grid Technologies	OE	3	0	0	3
III	II	EIE	Industrial Instrumentation	OE	3	0	0	3

III	6	EFI	Power Electronics & Drives	OE	3	0	0	3
III	6	MECH	Energy Conservation and Management	OE	3	0	0	3
III	6	ECT	Cognitive Radio	OE	3	0	0	3
IV	6	BME	Electronics in Medicine	OE	3	0	0	3
IV	6	CIVIL	Disaster Planning and Management	OE	3	0	0	3
IV	6	ECT	MEMS and NEMS	OE	3	0	0	3
IV	6	ECE	Telecommunication Network Management	OE	3	0	0	3
IV	7	EEE	Energy Resources and Utilization	OE	3	0	0	3
IV	7	MECH	Material Science and Technology	OE	3	0	0	3
IV	7	BME	Medical Informatics	OE	3	0	0	3
IV	7	ECE	Wireless Communication	OE	3	0	0	3
IV	7	ECE	Digital Image Processing	OE	3	0	0	3
IV	7	EEE	Digital Instrumentation	OE	3	0	0	3
IV	7	IT	Advanced Database Technologies	OE	3	0	0	3
IV	7	IT	Multimedia Databases	OE	3	0	0	3
IV	7	MECH	Energy Banking	OE	3	0	0	3

2021-2022

17.12.2022

8th BOARD OF STUDIES AGENDA

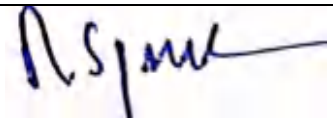
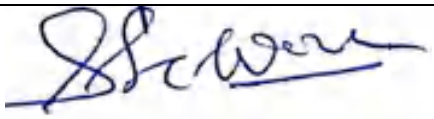
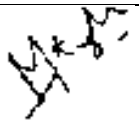
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

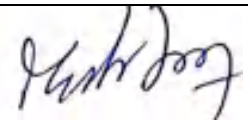
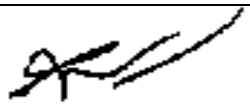
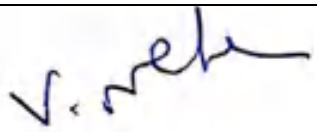
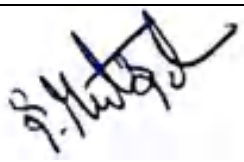
Agenda: Framing of 2023 curriculum

Course: B.E (Computer Science and Engineering)

- Brief about the department's profile, progress, and the meeting agenda of the programme.
- Discussion about the views of various stakeholders associated with the Department, (viz., Staff members, Alumni, Academicians from other institutions, Industry Experts) and about the Framing of 2023 curriculum and syllabi of Computer Science and Engineering department.
- To be Present the Board of Studies (BoS) members about the Framing of 2023 curriculum and syllabi of Computer Science and Engineering department. Their suggestion regarding the introduction subjects in various semester has been incorporated.
- To be present about Naalaya Thiran programme was recently introduced in the 7th semester of 2019-2023 batch but most of the companies' recruitments happened in 7th semester and difficult to concentrate on Naalaya Thiran program.As a suggestion the same may be introduced in 6th semester.

E-Signature by BoS Members

SL. No	Name of the Experts	Designation	Sign
1	**Dr R.SARAVANAN**	**Chairman**	
2	**Dr Ka.SELVARADJOU**	**Member (Subject Expert)**	
3	**Dr MADHU MUTYAM**	**Member (Subject Expert)**	
4	**Dr C.MALA**	**Member (Subject Expert)**	
5	**Mr KEERTHIVASAN**	**Member from Industry**	AB
6	**Mr. S.GOKUL**	**Member (Alumnus)**	

7	**Dr.VICTOR JOSE**	**Member**	
8	**Mr.S.VINOD**	**Member**	
9	**Mr.N.INSOZHAN**	**Member**	
10	**Mr.P.SATHISH KUMAR**	**Member**	
11	**Mr.V.NEHRU**	**Member**	
12	**Ms.S.MUTHUSELVI**	**Member**	

17.12.2022

8th BOARD OF STUDIES MINUTES OF MEETING

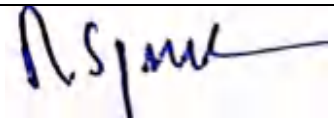
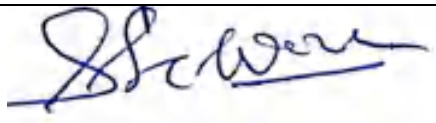
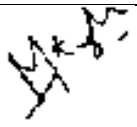
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

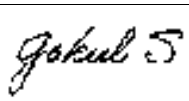
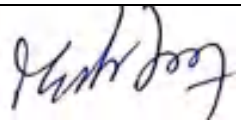
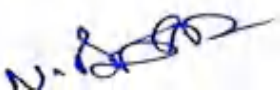
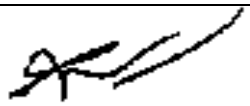
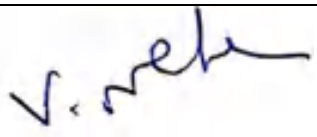
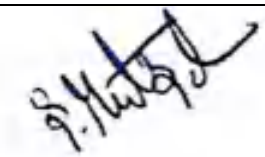
Agenda: Framing of 2023 curriculum

Course: B.E (Computer Science and Engineering)

- HoD Briefed about the department's profile, progress, and the meeting agenda of the programme.
- Discussed about the views of various stakeholders associated with the Department, (viz., Staff members, Alumni, Academicians from other institutions, Industry Experts) and about the Framing of 2023 curriculum and syllabi of Computer Science and Engineering department.
- Presented to the Board of Studies (BoS) members about the Framing of 2023 curriculum and syllabi of Computer Science and Engineering department. Their suggestion regarding the introduction subjects in various semester has been incorporated.
- Naalaya Thiran programme was recently introduced in the 7th semester of 2019-2023 batch but most of the companies' recruitments happened in 7th semester and difficult to concentrate on Naalaya Thiran program.
- As a suggestion the same may be introduced in 6th semester, it was presented to the BoS members. They have accepted to introduce Naalaya Thiran program in 6th semester.

E-Signature by BoS Members

SL. No	Name of the Experts	Designation	Sign
1	Dr R.SARAVANAN	Chairman	
2	Dr Ka.SELVARADJOU	Member (Subject Expert)	
3	Dr MADHU MUTYAM	Member (Subject Expert)	
4	Dr C.MALA	Member (Subject Expert)	
5	Mr KEERTHIVASAN	Member from Industry	AB

6	**Mr. S.GOKUL**	**Member (Alumnus)**	
7	**Dr.VICTOR JOSE**	**Member**	
8	**Mr.S.VINOD**	**Member**	
9	**Mr.N.INSOZHAN**	**Member**	
10	**Mr.P.SATHISH KUMAR**	**Member**	
11	**Mr.V.NEHRU**	**Member**	
12	**Ms.S.MUTHUSELVI**	**Member**	

Date: 02-09-2023

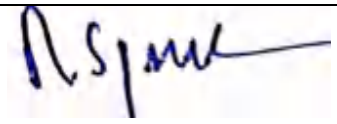
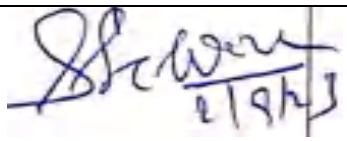
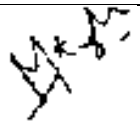
9 th BOARD OF STUDIES AGENDA

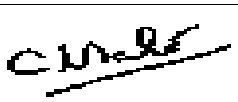
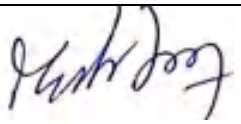
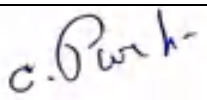
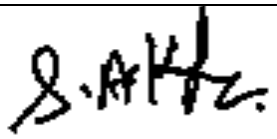
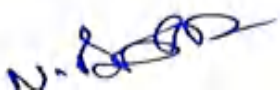
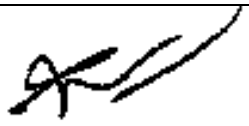
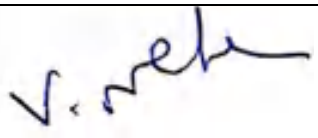
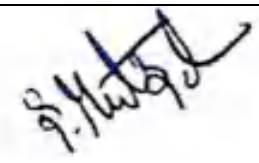
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Agenda: Confirmation of 2023-24 Curriculum
Confirmation B.E (Hons) Vertical Subjects for 2021-25 batch

- Brief about the department's profile, progress, and the meeting agenda of the programme.
- Discussion about the views of various stakeholders associated with the Department, (viz., Staff members, Alumni, Academicians from other institutions, Industry Experts).
- Confirming the 2023-24 curriculum and syllabi of Computer Science and Engineering Department.
- Confirming with the Board of Studies (BoS) members about to offering vertical course for B.E (Hons) programme of 2021-2025 batch student's curriculum and syllabi of Computer Science and Engineering Department.
- Offering the courses to other department from CSE Department. (Bio Medical, EEE and ECE)
- Approval of BOS members for all core courses and lab courses for 6th semester, seventh semester elective courses & mini project and eight semester project for 2019 regulation. The same is applicable for 2023 regulation.
- Introduction of Tamil Language paper in Third Semester of 2022- 26 batch students

Signature by BoS Members

SL. No	Name of the Experts	Designation	Sign
1	Dr R.SARAVANAN	Chairman	
2	Dr Ka.SELVARAJ	Member (Subject Expert)	
3	Dr MADHU MUTYAM	Member (Subject Expert)	

4	**Dr C.MALA**	**Member (Subject Expert)**	
5	**Mr KEERTHIVASAN**	**Member from Industry**	Absent
6	**Mr. S.GOKUL**	**Member (Alumnus)**	
7	**Dr.VICTOR JOSE**	**Member**	
8	**Dr. PARTHASARATHY**	**Member**	
9	**Dr.S.A.KALAISELVAN**	**Member**	
10	**Mr.S.VINOD**	**Member**	
11	**Mr.N.INSOZHAN**	**Member**	
12	**Mr.P.SATHISH KUMAR**	**Member**	
13	**Mr.V.NEHRU**	**Member**	
14	**Ms.S.MUTHUSELVI**	**Member**	

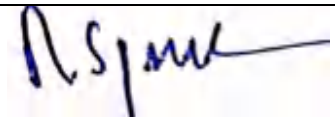
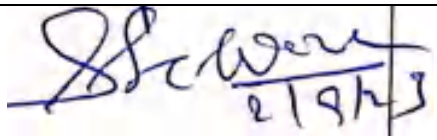
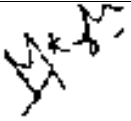
Date: 02-09-2023

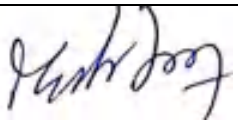
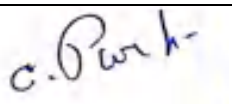
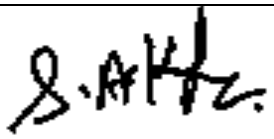
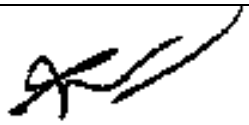
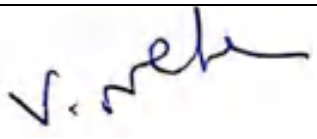
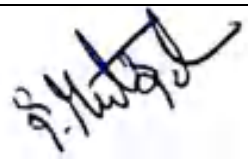
9 th BOARD OF STUDIES MINUTES OF MEETING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- HoD Briefed about the department's profile, progress, and the meeting agenda of the programme.
- Discussed about the views of various stakeholders associated with the Department, (viz., Staff members, Alumni, Academicians from other institutions, Industry Experts).
- The 2023-24 curriculum and syllabi of Computer Science and Engineering Department is presented to the BoS members and confirmed
- Vertical course for B.E (Hons) programme of 2021-2025 batch student's curriculum and syllabi of Computer Science and Engineering Department was confirmed with the Board of Studies (BoS) members.
- Offering the courses to other department from CSE Department (Bio Medical, EEE and ECE) also confirmed with the Board of Studies (BoS) members.
- BOS members approved for all core courses and lab courses for 6th semester, seventh semester elective courses & mini project and eight semester project for 2019 regulation. The same is applicable for 2023 regulation.
- Confirmed with the Board of Studies (BoS) members about the introduction of Tamil Language paper ("□□□□□□□□ □□□□□□□□□□□□□□□ / Tamils and Technology") in Third Semester of 2022- 26 batch students.

Signature by BoS Members

SL. No	Name of the Experts	Designation	Sign
1	Dr R.SARAVANAN	Chairman	
2	Dr Ka.SELVARADJOU	Member (Subject Expert)	
3	Dr MADHU MUTYAM	Member (Subject Expert)	

4	**Dr C.MALA**	**Member (Subject Expert)**	
5	**Mr KEERTHIVASAN**	**Member from Industry**	Absent
6	**Mr. S.GOKUL**	**Member (Alumnus)**	
7	**Dr.VICTOR JOSE**	**Member**	
8	**Dr. PARTHASARATHY**	**Member**	
9	**Dr.S.A.KALAISELVAN**	**Member**	
10	**Mr.S.VINOD**	**Member**	
11	**Mr.N.INSOZHAN**	**Member**	
12	**Mr.P.SATHISH KUMAR**	**Member**	
13	**Mr.V.NEHRU**	**Member**	
14	**Ms.S.MUTHUSELVI**	**Member**	

Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

Department of Electronics and Communications Engineering

VTMT/ECE/BoS/2021-22/006

Circular **Date: 07.02.2022**

Sub: Schedule of 6th BoS Meeting

This is to inform you that as per the autonomous status and regulation, The Department of Electronics and Communication Engineering has been planned to conduct the 6th Board of Studies meeting on 14.2.2022 at 11.30am for the curriculum and syllabus enrichment and discussion of the other academic activities. I request all the faculty members to make it convenient to present.

Head of the Department / ECE

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGG. COLLEGE
#42, AVADI To VEL TECH ROAD,
AVADI, CHENNAI - 600 062

Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

Department of Electronics and Communications Engineering

VTMT/ECE/BoS/Agenda/2021-22/006 Agenda

Date of BoS Meeting: 14.2.2022

The following points are lined up for Discussion.

BoS/6.1	Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Electronics and communication Engineering.
BoS/6.2	Confirmation of the Minutes of the 5th meeting of Board of Studies in the Department of Electronics and communication Engineering held on September 11, 2021 and Action taken report of 5th meeting.
BoS/6.3	Consideration Entire Curriculum and Syllabi for Professional Elective and Open Elective discussed B.E Electronics and Communication Engineering regulation 2019.
BoS/6.4	Discussion and Suggestions about Revised Regulation in UG & PG Forthcoming Academic Year.
BoS/6.5	Students Assessment and Attainment process.
BoS/6.6	Students Training and Placement Information and Higher studies discussed.
BoS/6.7	Suggestions given by the BoS Members
BoS/6.8	Any other items

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An Autonomous Institution

Department of Electronics and Communications Engineering

Board of Studies – 6th Minutes of Meeting
Date & Time: 14.2.2022 at 11.30 am

The 6th Board of studies meeting was held on 14th February 2022 at 11.30am. Through Hybrid mode (Google Meet Link: meet.google.com/gzi-ifwr-apg) in the II Floor ECE Seminar Hall, at Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College

S.No	Name of the Member	Designation & Address	Position In BoS
1	Dr.V.Prabhu	Professor and Head, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College. hodece@veltechmultitech.org	Chairman Board of Studies
2	Dr.Sudeb Dasgupta	Professor, Department of Electronics and Communication Engg., IIT Roorke. sudebfec@iitr.ac.in	Member (Subject Expert)
3	Dr. D. Sriram Kumar	Professor, Department of Electronics and Communication Engg., NIT,Tiruchirappalli. srk@nitt.edu	Member (Subject Expert)
4	Dr. K. Bhoopathy Bagan	Professor, Department of Electronics and Communication Engg., MIT Campus, Anna University, Chrompet - 600044 bhoopathybagan@annauniv.edu	Member (University Nominee)
5	Mr.V.Dhanaraj	Project Manager,American Megatrends International India Pvt Ltd. dhanaraj.v2@gmail.com	Member (Meritorious Alumnus)
6	Dr. A.Karthikeyan	Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
7	Dr. M.Suganthy	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
8	Dr.B.Ebenezer Abishek	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
9	Dr. S.Ashok	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member

BoS/6.1	Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Electronics and communication Engineering. The Chairman, BoS of the Electronics and communication Engineering welcomed and introduced the members of 6th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting
BoS/6.2	Confirmation of the Minutes of the 5th meeting of Board of Studies in the Department of Electronics and communication Engineering held on September 11, 2021 and Action taken report of 6th meeting. The minutes of the 5th Board of Studies meeting was held on September 11, 2021 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the academic council (Enclosed in Annexure I)
BoS/6.3	Consideration Entire Curriculum and Syllabi for Professional Elective and Open Elective discussed B.E Electronics and Communication Engineering regulation 2019. **Resolved to Approve the** Entire Curriculum and Syllabi for Professional Elective and Open Elective discussed B.E Electronics and Communication Engineering regulation 2019.
BoS/6.4	Discussion and Suggestions about Revised Regulation in UG & PG Forthcoming Academic Year. **Resolved to Approve** the Discussion and Suggestions about Revised Regulation in UG & PG Forthcoming Academic Year to frame AICTE norms.
BoS/6.5	Discussion about Students Assessment and Attainment process. **Resolved to Approve** the detailed discussion about Students Assessment and Attainment process.
BoS/6.6	Students Training and Placement Information and Higher studies discussed. **Resolved to Approve** the discussion about Students Training and Placement Information and Higher studies discussed.
BoS/6.7	Suggestions given by the BoS Members; **Dr. Sudeh Das Gupta - External Member** • He suggested conducting entrepreneurship awareness program before the corresponding semester. • Questioned about students not going for higher studies in 2021-22 batch.

	• Final year projects have to be converted into paper in the journals by the students. **Dr. D. Sriram Kumar - External Member** • The Professional Electives are to be taught by the department domain and include sensor based subjects in electives. And He added some valuable suggestions to it. • The Placed student's count of current final year 65 out of 78 was applauded. • Suggested to offer internship to the students and to encourage the placement through it. • Suggested to reduce credit from 71 to 65-70 for PG VLSI course. Give importance to GATE exams, Entrepreneur ship course to call industries people. **Dr. K. Bhoopathy Bagan - External Member** • He point out that many open electives are from Civil, Mechanical department and suggested different electives to the students. • Many electives are there for particular department and regarding training also can be provided. **Mr.V. Dhanaraj - External Member** • In Sixth Semester, the Curriculum of Open Elective –II and III were discussed. • He suggested that the open elective from civil department is not much related to ECE. • Take initiate for the center of excellence in Embedded. • As suggested the course Principle of Software designing to be added to the IT, CSE elective and will be approved by chairman. • He has come forward to provide points to clear GRE and other entrance exams.
BoS/6.8	Any other items

Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

(An Autonomous Institution affiliated to Anna University)

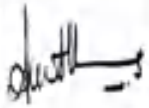
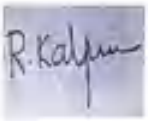
Department of Electronics and Communication Engineering

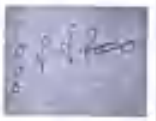
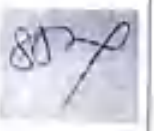
Academic Year 2021-22

Board of Studies – 6th Minutes of Meeting – online

Date & Time : 14.02.2022 at 10.30 am

S.No	Name of the Member	Designation & Address	Position In BoS	Signature
1	Dr.V.Prabhu	Head and Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College. hodece@veltechmultitech.org	Chairman-(Board of Studies)	
2	Dr.SudebDasgupta	Head of the Department, Department of Electronics and Communication Engg., IIT Roorke. sudebfec@iitr.ac.in	Member (Subject Expert)	
3	Dr. D. Sriram Kumar	Professor, Department of Electronics and Communication Engg.,NIT,Tiruchirappalli. srk@nitt.edu	Member (Subject Expert)	
4	Dr. K. BhoopathyBagan	Professor, Department of Electronics and Communication Engg., MIT Campus, Anna University, Chrompet - 600044 bhoopathybagan@annauniv.edu	Member (University Nominee)	
5	Mr.V.Dhanaraj	Senior Technical Architect, MSys Technologies, 9841110200 dhanaraj.v@gmail.com	Member (Meritorious Alumnus)	
6	Mrs.ArchanaRajamanickam	HR Manager, Econ Systems 9884559794,044-40105501	Member (Industry Expert)	

7	Dr. A.Karthikeyan	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
8	Dr.M.Suganthy	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9	Mr.A.Mohamed Abbas	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
10	Ms.R.Kalpana	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
11	Mr. S.Ashok	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
12	Mr.S.J.JebasinghKirubakaran	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
13	Mr. D.Ruban Thomas	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

14	Ms.P.Sharmila	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
15	Mr.K.Saravanan	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
16	Mr.G.VishnuvardhanRao	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
17	Mr.J.T.ArunRaghesh	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
18	Mr.M.R.Bibin	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
19	Mr.V.Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
20	Mr.S.Prabhu Kumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

21	Mrs.S.Leopauline	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
22	Mr.Suresh Kumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
23	Mrs.P.S.Arthy	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
24	Ms.P.Nithya	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
25	Mr.S.Palanivel	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
26	Mrs.Kavitha	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
VEL TECH MULTI TECH Dr. RANGARAJAN
Dr. SAKUNTHALA ENGG. COLLEGE
42, AVADI To VEL TECH ROAD,
AVADI, CHENNAI - 600 062

ANNEXURE – I

Action taken for Minutes of 5th BoS Meeting

As per BoS Committee suggestion.

Resolution: Removal of course from VIII semester and replacing that credits/change of credits in low semester papers will be done in next regulation as suggested.

Resolution: Change of credits and removal of course from P.G 3rd and 4th semester will be considered from next regulation.

Resolution: Change curriculum and updated syllabi considered from next regulation.
Removal of theory course and internship for final year

Resolution: Scheduled separate training session for students on Saturday from Industrial experts and proposed subject implemented in next regulation.

Board of Studies / ECE

Off: 044- 22357077 / 7076
Fax / Dir.: 044 - 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI - 600 025

Dr. S. HOSIMIN THILAGAR
DIRECTOR

Letter No. 3760/AU/CAC/2022

03.06.2022

To
The Principals
Autonomous Institutions affiliated to Anna University

Respected Sir/Madam,

Sub: Approval from Board of Studies for EEC Elective "Professional Readiness for Innovation, Employability and Entrepreneurship" - Reg.

*****

Anna University in association with Department of Information Technology, Govt. of Tamil Nadu, is launching a program called Naalaiya Tiran - an "Experiential Project Based Learning initative" to empower the students with enhanced professional and technical skills

This is a joint initiative of Anna University, ICT Academy of Tamil Nadu, NASSCOM and IBM, and is supported by the Tamil Nadu Skill Development Corporation under the Naan Mudalvan scheme of the Govt. of Tamil Nadu.

As part of this program, Anna University is offering an EEC category MANDATORY ELECTIVE course entitled, "PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP" with 3 credits (as an extended 4-5 months Hackathon) to all the 6th semester students (of B.E. CSE, B.Tech. IT, and B.E. ECE). They will earn the credits in the 7th semester on completion of this course. This course has been approved by the Board of Studies, Faculty of Information and Communication Engineering, Anna University.

In order to facilitate the present sixth/seventh semester B.E./B.Tech. CSE/IT/ECE students in your institutions to study this course, you are requested to get the necessary approval / ratification from the appropriate Boards of Studies, and offer this elective mandatorily in place of a 3-credit Professional Elective in the 7th semester. The syllabus and evaluation pattern for the course as approved in the Board of Studies of Anna University (Non-Autonomous institutions) are enclosed for your perusal.

We also request you to use the following link for the registration of faculty in various roles: https://careereducation.smartinternz.com/

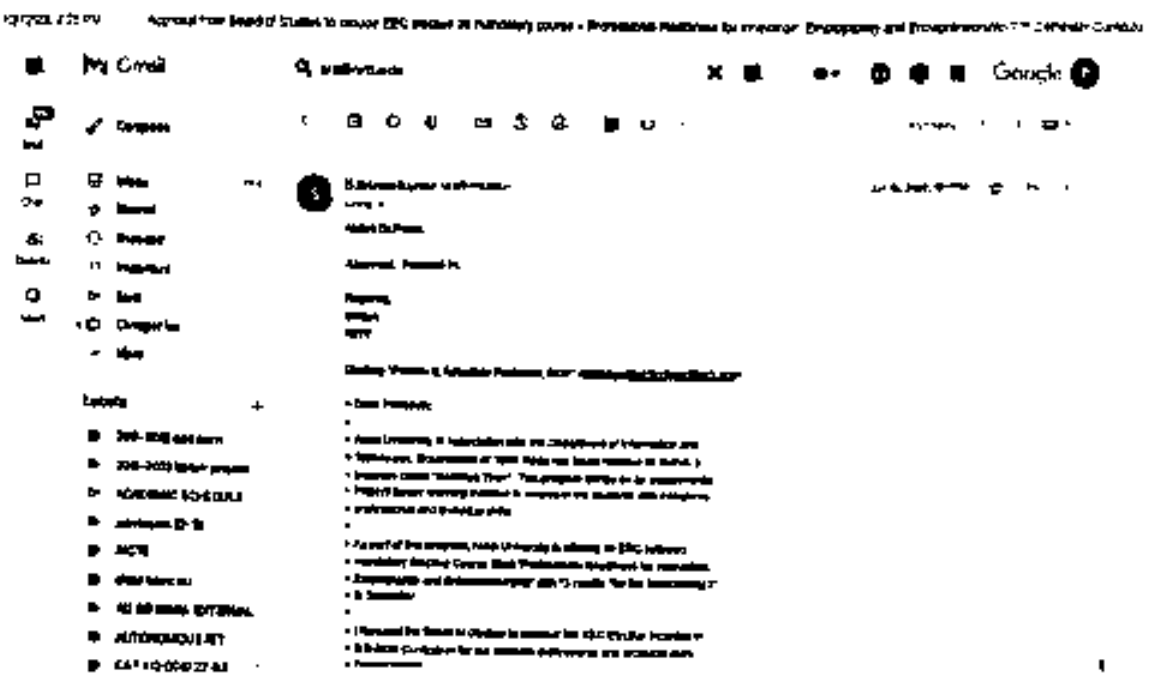
Requesting your kind cooperation in this regard.

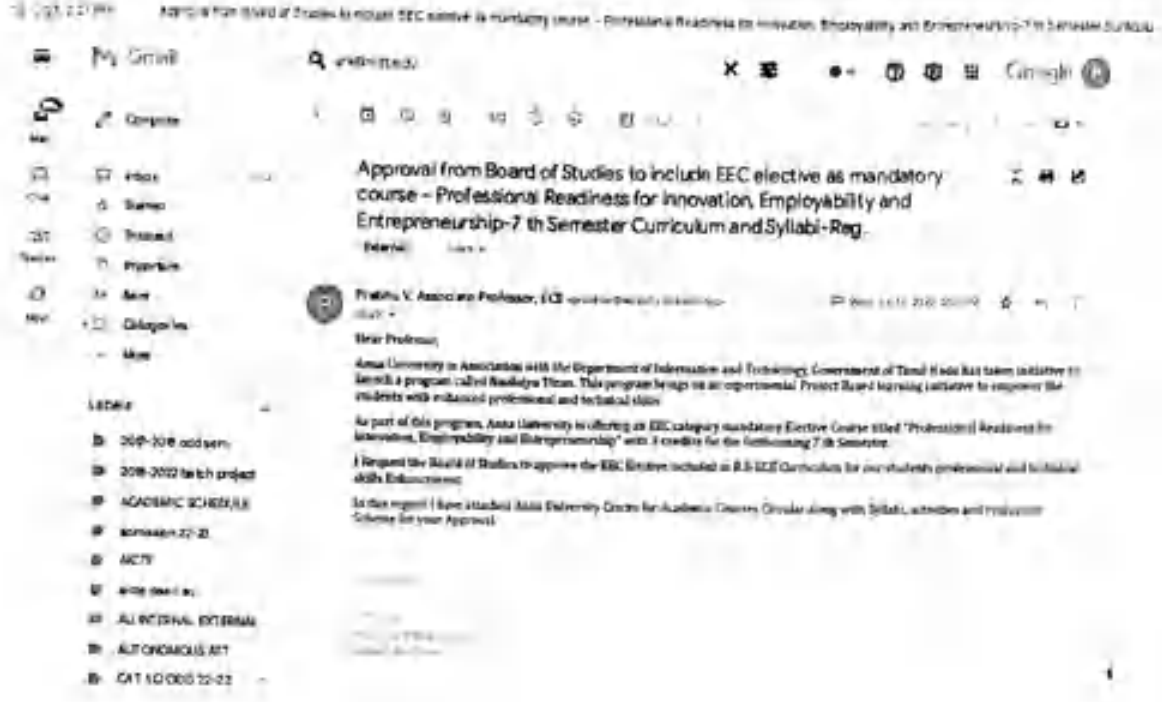
Yours faithfully,

03/06/2022

DIRECTOR

Copy to:
1. PS to Vice-Chancellor
2. PA to Registrar
3. The Stock File.





Approval from Board of Studies to include EEC elective as mandatory course – Professional Readiness for Innovation, Employability and Entrepreneurship-7 th Semester Curriculum and Syllabi-Reg.

Dear Professor,

Anna University in Association with the Department of Information and Technology, Government of Tamil Nadu has taken initiative to launch a program called Naalaiya Thiran. This program brings in an experimental Project Based learning initiative to empower the students with enhanced professional and technical skills.

As part of this program, Anna University is offering an EEC category mandatory Elective Course titled "Professional Readiness for Innovation, Employability and Entrepreneurship" with 3 credits for the forthcoming 7 th Semester.

I Request the Board of Studies to approve the EEC Elective included in B.E-ECE Curriculum for our students professional and technical skills Enhancement.

In this regard I have attached Anna University Circular along with Syllabi, activities and resources Scheme for your Approval.

CURRICULUM SEMESTER VII & VIII

Name of the Course	Category	No of Hours/Week			Credits
THEORY		Lectures	Tutorial	Practical	
Optical Communication and Networks	PC	3	0	0	3
Embedded and Real Time Systems	PC	3	0	0	3
Program Elective IV	PE	3	0	0	3
Program Elective V	PE	3	0	0	3
Open Elective IV	OE	3	0	0	3
PRACTICAL					
Embedded System Laboratory	PC	0	0	2	1
Optical Communication Laboratory	PC	0	0	2	1
Mini Project	PW	0	0	4	2

Name of the Course	Category	No of Hours/Week			Credits
THEORY		Lectures	Tutorial	Practical	
Program Elective VI	PE	3	0	0	3
Open Elective V	OE	3	0	0	3
Project Work	PW	0	0	20	10

ECE syllabus VII & VIII semester docx

Vel Tech Multi Tech

Dr Rangarajan Dr.Sakunthala Engineering College

An Autonomous [illegible]

Department of Electronics and Communications Engineering

VTMT/ECE/BoS/2022-23/007

Circular **Date: 02.12.2022**

Sub: Schedule of 7th BoS Meeting

This is to inform you that as per the autonomous status and regulation. The Department of Electronics and Communication Engineering has been planned to conduct the 7th Board of Studies meeting on 09.12.2022 at 2.00pm for the curriculum and syllabus enrichment and discussion of the other academic activities. I request all the faculty members to make it convenient to present.

Head of [illegible]

Department of Electronics and Communications Engineering

VTMT/ECE/BoS/Agenda/2022-23/007 Agenda

Date of BoS Meeting: 09.12.2022

The following points are lined up for Discussion.

BoS/7.1	Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Electronics and communication Engineering.
BoS/7.2	Confirmation of the Minutes of the 6th meeting of Board of Studies in the Department of Electronics and communication Engineering held on February 14, 2022 and Action taken report of 6th meeting.
BoS/7.3	Consideration and Approval for the revised curriculum 2023 of B.E Electronics and Communication Engineering from the academic year 2023-2024 onwards.
BoS/7.4	Consideration and Approval of revised Curriculum and Syllabi for I Semester and II Semester of B.E Electronics and Communication Engineering from the academic year 2023-2024 onwards.
BoS/7.5	Consideration and Approval of detailed Syllabi of Network Analysis and Synthesis (Theory) and Circuits and Devices Laboratory (Laboratory) for II Semester B.E Electronics and Communication Engineering.
BoS/7.6	Consideration and Approval of Anna University in Association with the Department of Information and Technology, Government of Tamil Nadu has taken initiative to launch a program called **Naulalya Tiran.** EEC category mandatory Elective Course titled "Professional Readiness for Innovation, Employability and Entrepreneurship" with **3 credits** for the forthcoming 7th Semester.
BoS/7.7	Consideration and Approval for Amendment to the admitted students 2021 for B.E. / B Tech. degree Programme - Anna University - award of UG **B.E Honours in the same discipline** **B.E Honours with Different verticals** **B.E Minor in other specialization**
BoS/7.8	Consideration and Approval of Internal and External mark allocation from the academic year 2021-2022 onwards.
BoS/7.9	Consideration and Approval for the Regulation and curriculum 2023 of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards.
BoS/7.10	Consideration and Approval of Curriculum and Syllabus for I Semester and II Semester of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards.
BoS/7.11	Suggestions given by the BOS Members
BoS/7.12	Any other items

Vel Tech Multi Tech

Dr. Rangarajan Dr. Sakunthala Engineering College

An Autonomous Institution

Department of Electronics and Communications Engineering

Board of Studies – 7th Minutes of Meeting
Date & Time: 09.12.2022 at 02.00 pm

The 8th Board of studies meeting was held on 09th December 2022 at 02.00p.m. Through Hybrid mode (Google Meet Link: meet.google.com/pdu-tgtx-mxe) in the II Floor ECE Seminar Hall, at Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College

S.No	Name of the Member	Designation & Address	Position In BoS
1	Dr.V.Prabhu	Professor and Head, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College. hodece@veltechmultitech.org	Chairman Board of Studies
2	Dr.Sudeb Dasgupta	Professor, Department of Electronics and Communication Engg., IIT Roorke. sudebfec@iitr.ac.in	Member (Subject Expert)
3	Dr. D. Sriram Kumar	Professor, Department of Electronics and Communication Engg., NIT,Tiruchirappalli. srk@nitt.edu	Member (Subject Expert)
4	Dr. R.Nakkeeran	Professor, Department of Electronics Engg., Pondicherry University, kalapet, Pondicherry – 605014 nakkeeran.dee@pondiuni.edu.in	Member (University Nominee)
5	Mr.V.Dhanaraj	Project Manager,American Megatrends International India Pvt Ltd. dhanaraj.v@gmail.com	Member (Meritorious Alumnus)
6	Dr. A.Karthikeyan	Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
7	Dr. M.Suganthy	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
8	Dr.B.Ebenezer Abishek	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
9	Dr. S.Ashok	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member

BoS 7.1	Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Electronics and communication Engineering. The Chairman, BoS of the Electronics and communication Engineering welcomed and introduced the members of 8th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.
BoS. 7.2	Confirmation of the Minutes of the 6th meeting of Board of Studies in the Department of Electronics and communication Engineering held on February 14, 2022 and Action taken report of 6th meeting. The minutes of the 6th Board of Studies meeting held on February 14, 2022 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the academic council (Enclosed in Annexure I)
BoS/7.3	Consideration and Approval for the revised curriculum 2023 of B.E Electronics and Communication Engineering from the academic year 2023-2024 onwards. **Resolved to Approve** the revised Curriculum for III Semester and IV Semester of B.E Electronics and Communication Engineering from the academic year 2023-2024 onwards.
BoS/7.4	Consideration and Approval of revised Curriculum and Syllabi for I Semester and II Semester of B.E Electronics and Communication Engineering from the academic year 2023-2024 onwards. **Resolved to Approve** the revised Syllabi for III Semester and IV Semester of B.E Electronics and Communication Engineering from the academic year 2023-2024 onwards.
BoS/7.5	Consideration and Approval of detailed Syllabi of Network Analysis and Synthesis (Theory) and Circuits and Devices Laboratory (Laboratory) for II Semester B.E Electronics and Communication Engineering. **Resolved to Approve** the detailed Syllabi of Network Analysis and Synthesis (Theory) and Circuits and Devices Laboratory (Laboratory) for II Semester B.E Electronics and Communication Engineering.
BoS/7.6	Consideration and Approval of Anna University in Association with the Department of Information and Technology, Government of Tamil Nadu has taken initiative to launch a program called **Naalaiya Tiran.** EEC category mandatory Elective Course titled "Professional Readiness for innovation, Employability and Entrepreneurship" with 3 credits for the forthcoming 7th Semester.

	Resolved to Approve the skill based course introduced by Anna University in Association with the Department of Information and Technology, Government of Tamil Nadu has taken initiative to launch a program called **Naalaiya Tiran.** EEC Category mandatory Elective Course titled "Professional Readiness for innovation, Employability and Entrepreneurship" with **3 credits** for the forthcoming 7th Semester
BoS/7.7	Consideration and Approval of Internal and External mark allocation from the academic year 2021-2022 onwards.
	Resolved to Approve the Internal and External mark allocation from the academic year 2021-2022 onwards.
BoS/7.8	Consideration and Approval for the Regulation and curriculum 2023 of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards.
	Resolved to Approve the Regulation and curriculum 2023 of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards.
BoS/7.9	Consideration and Approval of Curriculum and Syllabus for I Semester and II Semester of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards.
	Resolved to Approve the Curriculum and Syllabus for I Semester and II Semester of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards.
BoS/7.10	Consideration and Approval for Amendment to the admitted students 2021 for B.E. - B. Tech. Degree Programme – Anna University – award of UG **B.E Honours in the same discipline** **B.E Honours with Different verticals** **B.E Minor in other specialization**
	Resolved to Approve the Amendment to the admitted students 2021 for B.E. - B. Tech. Degree Programme – Anna University – award of UG **B.E Honours in the same discipline** **B.E Honours with Different verticals** **B.E Minor in other specialization**
BoS/7.11	Suggestions given by the BoS Members: **Dr. Sudeb Das Gupta - Professor, IIT Roorkee - External Member** • The member suggested internship and online courses in new • Skill based training course should be consider in new curriculum • He suggested research methodology course to include in the PG curriculum **Dr. D. Sriram Kumar - Professor, NIT Tiruchirappalli - External Member**

	• The member suggested to include other department core papers are given as elective. He suggested equal distribution to professional elective and open elective • Open elective can opt from other department will give wide choice. • He suggested online course for new curriculum. **Dr. R.Nakkeeran –Professor, Pondicherry, University Nominee - External Member** • He suggested verticals theory course with laboratory • The Member suggested Human value course/Ethical course/Management course to include in new curriculum • He has been suggested Engineering Practice Laboratory course may be consider two credits. **Mr.V. Dhanaraj – Senior Manager -Industry External Member** • He has been suggested to include ARM processor in embedded systems. • The expert recommended to teach in program in c which helpful for embedded core industry • The pointed out for recent AI technology for students carrier enhancement.
BoS/7.13	Any other items

Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

(An Autonomous Institution affiliated to Anna University)

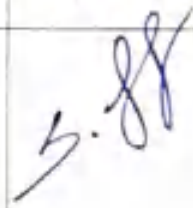
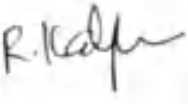
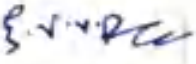
Department of Electronics and Communication Engineering

Academic Year 2022-23

Board of Studies – 7th Minutes of Meeting

Date & Time : 09.12.2022 at 01.30 pm

S.No	Name of the Member	Designation & Address	Position In BoS	Signature
1	Dr.V.Prabhu	Head and Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College. hodece@veltechmultitech.org	Chairman	
2	Dr.Sudeb Dasgupta	Professor, Department of Electronics and Communication Engg., IIT Roorkee. sudebfec@iitr.ac.in	Member (Subject Expert)	
3	Dr. D. Sriram Kumar	Professor, Department of Electronics and Communication Engg., NIT, Tiruchirappalli. srk@nitt.edu	Member (Subject Expert)	
4	Dr. R.Nakkeeran	Professor, Department of Electronics Engg., Pondicherry University, kalapet, Pondicherry – 605014 9443029346 nakkeeran.dee@pondiuni.edu.in	Member (University Nominee)	
5	Mr.V.Dhanaraj	Project Manager, American Megatrends International India Pvt Ltd. 9841110200 dhanaraj.v@gmail.com	Member (Meritorious Alumnus)	
6	Dr. A.Karthikeyan	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg.	Member	

		College		
7	Dr. M.Suganthy	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
8	Dr. S.Ashok	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9	Dr. P.Sharmila	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
10	Mr. A.Mohamed Abbas	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
11	Mr. S.J.Jebasingh Kirubakaran	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
12	Mr. D.Ruban Thomas	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
13	Ms. R.Kalpana	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
14	Mr.G.Vishnuvardhan Rao	Assistant Professor, Department of Electronics and Communication	Member	

		Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College		
15	Mr.J.T.Arun Raghesh	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
16	Mr.V.Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
17	Mr.S.Prabhu Kumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
18	Mrs.S.Leo pauline	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
19	Mr.Suresh Kumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
20	Ms.P.Nithya	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
21	Mr.S.Palanivel	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

22	Mrs.Kavitha	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
23	Mrs.R.Nandhini	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
24	Ms.G.Sahaana	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
VEL TECH MULTI TECH Dr. RANGARAJAN
Dr. SAKUNTHALA ENGG. COLLEGE
42, AVADI TO VEL TECH ROAD,
AVADI, CHENNAI - 600 062

ANNEXURE - I

Action taken for Minutes of 6th BoS Meeting

As per BoS Committee suggestion,

Resolution: In order to enhance Entrepreneurship skills to students we have already included Foundational Course on Entrepreneurship (Open Elective III), Advanced Course in Entrepreneurship (Open Elective IV) in our curriculum as open electives.
Final year projects has been converted into publication in terms of Conferences / journals/patent

Resolution: Reducing the credit to 60-65s to be considered from next revised regulation for P.G. as per AICTE model curriculum has given 68 Credits will be reduced to 70 credits.
Included in Transducer and sensor for application oriented subjects.

Resolution: clarified that equally split into open elective and given weightage to all department open elective courses.

Resolution:
As Exams is going on now for students, it is agreed to arrange the GRE training in the starting of the following semester.
Included Sensors and transducer, Telecommunication and network management, Data convertors were updated in the professional electives.
Frequently organizing higher studies events and Entrepreneur programs.

Resolution: suggestion that 8th semester should be project work in revised curriculum.

The points Discussed in the Board of Studies meeting has been taken into the consideration will incorporate in New Regulation.

Board of Studies / ECE

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
VEL TECH MULTI TECH Dr. RANGARAJAN
Dr. SAKUNTHALA ENGG. COLLEGE
[illegible] TECH ROAD,
AVADI, CHE[illegible]

Gmail srk@nitt.edu

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Confirmation Schedule - 7th BoS Meeting on 9.12.2022 Friday -

Prabhu V, Associate Professor, ECE

Dear Professor,

Greetings from Vel Tech Multi Tech Dr Rangarajan Dr Sakunthala Engineering College. Chennai.

On behalf of the Department of Electronics and Communication Engineering as per our oral communica
Studies (BoS) meeting on 9.12.2022 Friday Afternoon at 2.00 pm. In this regard, I would like to invite you
valuable panel to enrich our academics.
Herewith enclosed agenda points , Curriculum and Anna university annexure for your kind reference

6 Attachments • Scanned by Gmail

Gmail srk@nitt.edu

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2018-2022 batch project
ACADEMIC SCHEDULE
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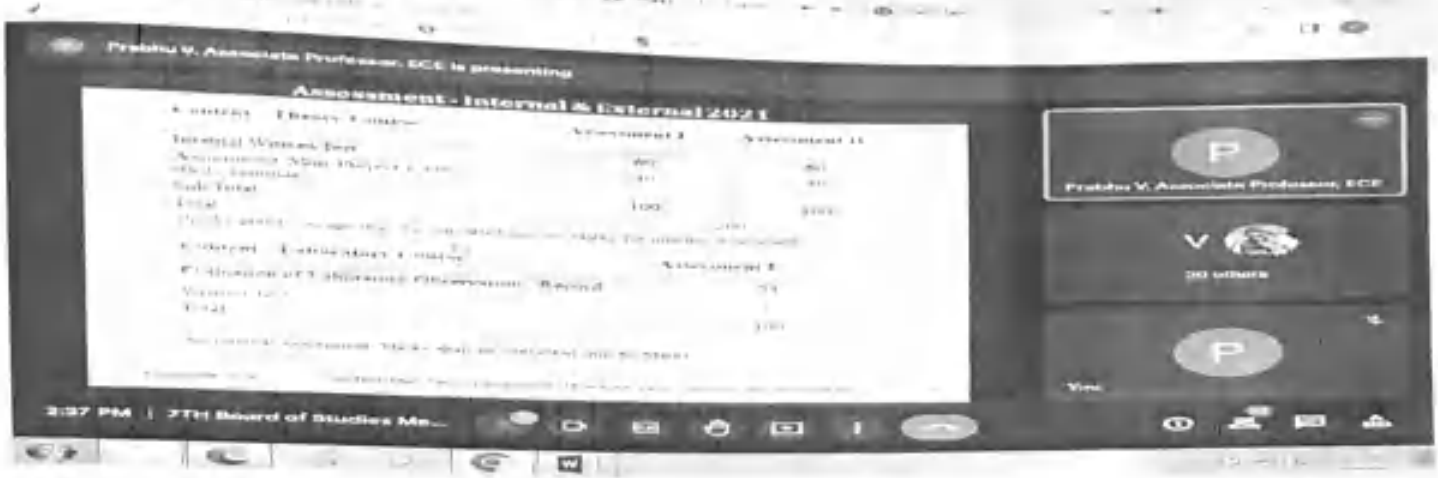
On Mon, 5 Dec, 2022, 11:36 Prabhu V, Associate Professor, ECE,

Accredited by NAAC with 'A' grade with

R. Nakkeeran


Prabhu V, Associate Professor, ECE is presenting
Assessment - Internal & External 2021
Prabhu V, Associate Professor, ECE
20 others
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Prabhu V, Associate Professor, ECE is presenting
CURRICULUM SEMESTER V & VI
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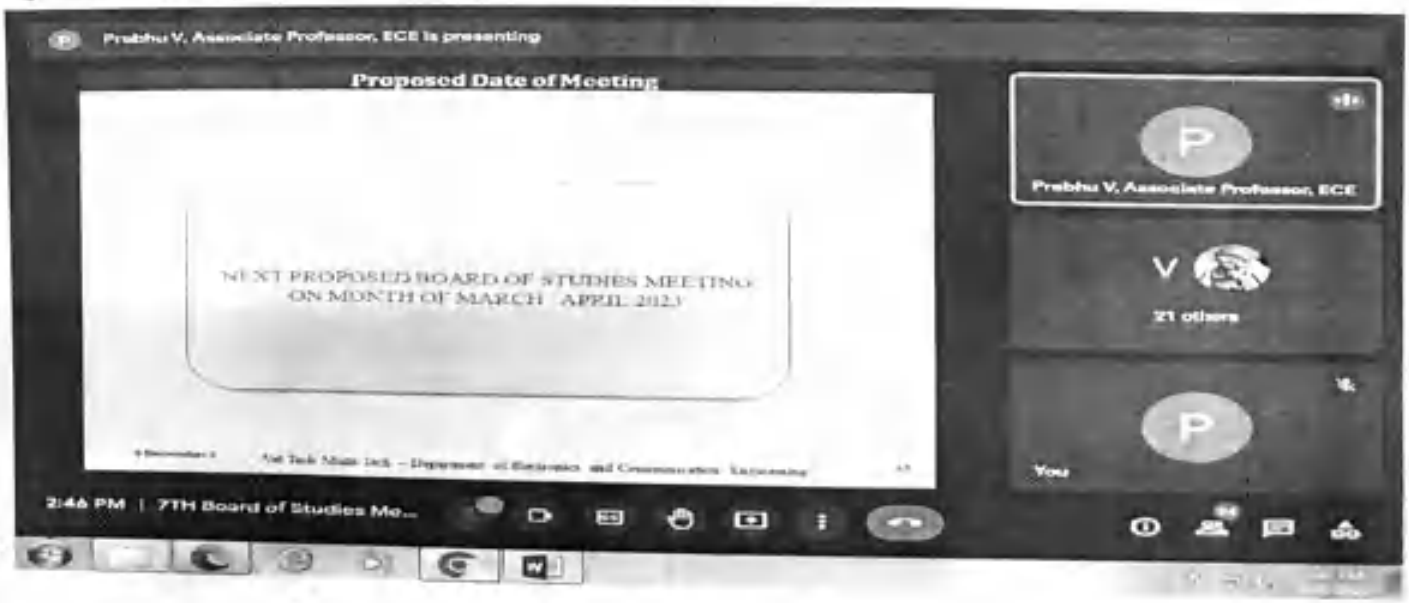
Prabhu V, Associate Professor, ECE is presenting
Proposed Date of Meeting
NEXT PROPOSED BOARD OF STUDIES MEETING
ON MONTH OF MARCH / APRIL 2023
Prabhu V, Associate Professor, ECE
21 others
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ANNEXURE

UNIVERSITY NOMINEES FOR BOARD OF STUDIES

VEL TECH MULTI TECH DR. RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE,

CHENNAI - 600 062

SL. NO	NAME OF THE BOARDS	UNIVERSITY NOMINEES
1	Faculty of Mechanical Engineering	Dr. G.Kumaraguruparan Associate Professor Department of Mechatronics Engineering Thiagarajar College of Engineering Madurai - 625 015
2	Faculty of Electronics and Communication Engineering	Dr. R. Nakkeeran Associate Professor Department of Electronics Engineering Pondicherry University Kalapet, Pondicherry - 605 014
3	Faculty of Electrical Engineering	Dr.R.Gnanadass Professor Department of Electrical and Electronics Engineering Puducherry Technological University Pondicherry East coast Road, Pillaichavady Puducherry - 605 014
4.	Faculty of Computer Science and Engineering and Information Technology	Dr. Ka. Selvaradjou Professor Department of Computer Science and Engineering Puducherry Technological University Pillaichavady, Puducherry - 605 014
5.	Faculty of Science and Humanities	Dr. J. Baskar Babujee Associate Professor Department of Applied Sciences and Humanities MIT Campus, Chennai - 600 044

13/10/12

DIRECTOR (CAC)

SG-07

Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

Department of Electronics and Communications Engineering

VTMT/ECE/BoS/2023-24/008

Circular **Date: 21.08.2023**

Sub: Schedule of 8th BoS Meeting

This is to inform you that as per the autonomous status and regulation, The Department of Electronics and Communication Engineering has been planned to conduct the 8th Board of Studies meeting on 30.08.2023 at 2.00pm for the curriculum and syllabus enrichment and discussion of the other academic activities. I request all the faculty members to make it convenient to present.

Head of the Department / ECE

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGG. COLLEGE
42, AVADI To VEL TECH ROAD,
AVADI, CHENNAI - 600 062.

Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

Department of Electronics and Communications Engineering

VTMT/ECE/BoS/Agenda/2023-24/008 **Agenda** **Date: 30.08.2023**

The following points are lined up for Discussion.

BoS/8.1	Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Electronics and Communication Engineering.
BoS/8.2	Confirmation of the Minutes of the 7th meeting of Board of Studies in the Department of Electronics and Communication Engineering held on December 9, 2022 and Action taken report of 7th meeting.
BoS/8.3	Consideration and Approval of revised Curriculum for III Semester and IV Semester of B.E Electronics and Communication Engineering from the academic year 2023-2024 onwards.
BoS/8.4	Consideration and Approval of revised Syllabi for III Semester and IV Semester of B.E Electronics and Communication Engineering from the academic year 2023-2024 onwards.
BoS/8.5	Consideration and Approval of detailed Syllabi of Microprocessor and Microcontroller (Theory) and Microprocessor and Microcontroller Laboratory (Practical) for IV Semester B.E Computer Science and Engineering and IV Semester B.Tech Information Technology.
BoS/8.6	Consideration and Approval of detailed Syllabi of Digital Principles and Computer Organization (Theory) for III Semester B.E Computer Science and Engineering and III Semester B.Tech Information Technology.
BoS/8.7	Consideration and Approval of detailed Syllabi of Electronics and Microprocessor (Theory) and Electronics and Microprocessor Laboratory (Laboratory) for IV Semester B.E Mechanical Engineering.
BoS/8.8	Consideration and Approval of detailed Syllabi of Electronic Devices Laboratory (Laboratory) for II Semester B.E Biomedical Engineering.
BoS/8.9	Consideration and Approval for Amendment to the admitted students 2021 for B.E. / B. Tech. Degree Programme – Professional Elective from Vertical course - Vertical Approval.
BoS/8.10	Consideration and Approval for Amendment to the admitted students 2021 for B.E. / B. Tech. Degree Programme – Anna University – award of UG

B.E Honours in the same discipline
B.E Honours with Different verticals
B.E Minor in other specialization

BoS 8.11	Inclusion of "தமிழரும் தொழில்நுட்பமும் / Tamils and Technology", for 3rd semester B. E Electronics and Communication Engineering, of 2019 Curriculum for 2022-23 batch.
BoS 8.12	Consideration and Approval for the Regulation 2023 of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards.
BoS 8.13	Consideration and Approval of Curriculum and Syllabus for III Semester and IV Semester of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards
BoS 8.14	Suggestions given by the BOS Members
BoS 8.15	Any other items

Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

Department of Electronics and Communications Engineering

Board of Studies – 8th Minutes of Meeting
Date & Time: 30.08.2023 at 02.00 pm

The 8th Board of studies meeting was held on 19th December 2023 at 10.00a.m. Through Hybrid mode (Google Meet Link: meet.google.com/fqh-zuzz-bkv) in the II Floor ECE Seminar Hall, at Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College

S.No	Name of the Member	Designation & Address	Position In BoS
1	Dr.V.Prabhu	Professor and Head, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College. hodece@veltechmultitech.org	Chairman Board of Studies
2	Dr.Sudeb Dasgupta	Professor, Department of Electronics and Communication Engg., IIT Roorke. sudebfec@iitr.ac.in	Member (Subject Expert)
3	Dr. D. Sriram Kumar	Professor, Department of Electronics and Communication Engg., NIT,Tiruchirappalli. srk@nitt.edu	Member (Subject Expert)
4	Dr. R.Nakkeeran	Professor, Department of Electronics Engg., Pondicherry University, kalapet, Pondicherry – 605014 nakkeeran.dee@pondiuni.edu.in	Member (University Nominee)
5	Mr.V.Dhanaraj	Project Manager,American Megatrends International India Pvt Ltd. dhanaraj.v@gmail.com	Member (Meritorious Alumnus)
6	Dr. A.Karthikeyan	Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
7	Dr. M.Suganthy	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
8	Dr.B.Ebenezer Abishek	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member
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	Resolved to Approve the Regulation 2023 of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards.
BoS/8.13	Consideration and Approval of Curriculum and Syllabus for III Semester and IV Semester of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards **Resolved to Approve** the Curriculum and Syllabus for III Semester and IV Semester of Post-Graduate course M.E VLSI Design from the academic year 2023-2024 onwards
BoS/8.14	Suggestions given by the BoS Members **Dr. Sudeb Das Gupta – Professor, IIT Roorkee -External Member** • He suggested to follow standard format for text book and reference book for all theory courses. • Semester III Electronic Circuits BJT, MOSFET and CMOS will be combined in unit 2 suggested to keep separate or may reduce topics in BJT. • Semester IV Linear Integrated Circuit Laboratory Instead of mentioning Spice Software name in experiments use simulation tool or EDA tool. • Electronic Devices Laboratory experiments should be limited and cover design based experiments. **Dr. D. Sriram Kumar – Professor, NIT Tiruchirappalli - External Member** • Member has suggested Summer Internship should be for IV Semester and VI Semester and may also suggested to include credit. • Open Elective suggested AICTE credit is 18 out of which our department follows 9 credits possibility to add one more paper in Open Elective • He suggested that students can attend NPTEL during summer internship. • Member also suggested to include integrated laboratory. **Dr. R.Nakkeeran – Professor, Pondicherry, University Nominee - Member** • Member has suggested that Semester IV Linear Integrated Circuit subject Unit IV converters has to remove which shows syllabus heavy can move to PE. • He suggested to follow standard format for text book and reference book for all theory courses. • Electronic Circuits text book Adel S Sedra is bit tough to understand better to move in reference part. • Member suggested need not follow unit wise text books. **Mr.V. Dhanaraj – Senior Manager -Industry External Member** • He suggested that Electronics and Microprocessor theory and Laboratory for Mechanical Engineering should include interface relevant topics. • Member suggested to include ARM processor in Microprocessor and Microcontroller.
BoS/8.15	Any other items

Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

(An Autonomous Institution affiliated to Anna University)

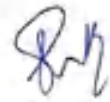
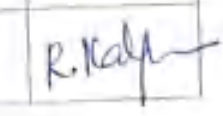
Department of Electronics and Communication Engineering

Academic Year 2023-24

Board of Studies – 8th Minutes of Meeting

Date & Time : 30.08.2023 at 02.00 pm

S.No	Name of the Member	Designation & Address	Position In BoS	Signature
1	Dr.V.Prabhu	Head and Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College. hodece@veltechmultitech.org	Chairman Board of Studies	
2	Dr.Sudeb Dasgupta	Professor, Department of Electronics and Communication Engg., IIT Roorke. sudebfec@iitr.ac.in	Member (Subject Expert)	
3	Dr. D. Sriram Kumar	Professor, Department of Electronics and Communication Engg., NIT,Tiruchirappalli. srk@nitt.edu	Member (Subject Expert)	
4	Dr. R.Nakkeeran	Professor, Department of Electronics Engg., Pondicherry University, kalapet, Pondicherry – 605014 9443029346 nakkeeran.dec@pondiuni.edu.in	Member (University Nominee)	
5	Mr.V.Dhanaraj	Project Manager, American Megatrends International India Pvt Ltd, 9841110200 dhanaraj.v@gmail.com	Member (Meritorious Alumnus)	
6	Dr A.Karthikeyan	Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

		Dr.Sakunthala Engg. College		
7	Dr. M.Suganthy	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
8	Dr.B.Ebenezer Abishek	Associate Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9	Dr. S.Ashok	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
10	Dr. P.Sharmila	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
11	Mr. A.Mohamed Abbas	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
12	Mr. S.J.Jebasingh Kirubakaran	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
13	Mr. D.Ruban Thomas	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
14	Ms. R.Kalpana	Assistant Professor, Department of Electronics and Communication	Member	

		Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College		
15	Mr.G.Vishnuvardhan Rao	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
16	Mr.J.T.Arun Raghesh	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
17	Mr.V.Senthil Kumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
18	Mr.S.Prabhu Kumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
19	Mrs.S.Leopauline	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
20	Mr.S.Palanivel	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
21	Mr.R.Sureshkumar	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

22	Mrs.R.Nandhini	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
23	Ms.G.Sahaana	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
24	Mrs.V.Dhivya	Assistant Professor, Department of Electronics and Communication Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
VEL TECH MULTI TECH Dr. RANGARAJAN
Dr. SAKUNTHALA ENGG. COLLEGE
42, AVADI To VEL TECH ROAD,
AVADI, CHENNAI - 600 062

ANNEXURE - I

Action taken for Minutes of 7th BoS Meeting

As per BoS Committee suggestion,

Resolution: In order to explore the industry training we have introduce internship in 4 th and 7 th Semester as a mandatory course to all the students.
Skill based training to improve the student's technical knowledge and communication we have introduce mini project and project work. For interpersonal skills and listening and speaking course introduce to assist placement.
Research Methodology and Intellectual Property Rights the laboratory course introduce semester II

Resolution: As per amendment from Anna University has been introduce additional award of B.E in Honors/Specialization/Minor in the UG degree for that we have consider specialization in our core discipline and Minor in other department and management.
The students can elect professional elective from core discipline open elective course from other department and management paper also suggested two course from online NPTEL

Resolution: As per suggestion and amendment from Anna University eight verticals has been introduced in the specialization in our discipline in that majority courses are theory cum laboratory. In seventh semester we have introduce management course which four elective choice courses. Engineering Practice Laboratory course has been introduce in semester one with two credits.

Resolution:
The suggestion and valuable points taken into the consideration and framing syllabus will be included ARM processor in six semester embedded core course. The standard programming in C theory course and laboratory will be introduced in semester I.
We also introduced minor degree in Artificial Intelligence and other computing courses as minor vertical as well as open elective.

Board of Studies / ECE

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
VEL TECH MULTI TECH Dr. RANGARAJAN
Dr. SAKUNTHALA ENGG. COLLEGE
42, AVADI To VEL TECH ROAD,
AVADI, CHENNAI - 600 062.

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Labels

- 2017-2018 odd sem
- 2018-2022 batch project
- ACADEMIC SCHEDULE
- admission 22-23
- AICTE
- aicte naac au
- AU INTERNAL EXTERNAL
- AUTONOMOUS ATT
- CAT 1 Q ODD 22-23
- circular

VTMT - ECE - 8th Board of Studies Meeting - Reg

External

Prabhu V, Associate Professor, ECE

Dear Professor

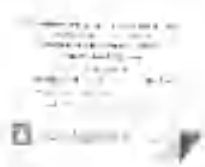
Greetings From Vel Tech Multi Tech Dr Rangarajan Dr Sakunthala Engineering College,

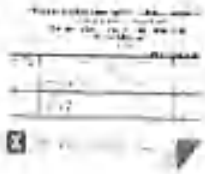
I would like to bring to your kind notice that the Department of Electronics and Communication Engineering on 30.08.2023 wednesday at 2.00 PM.

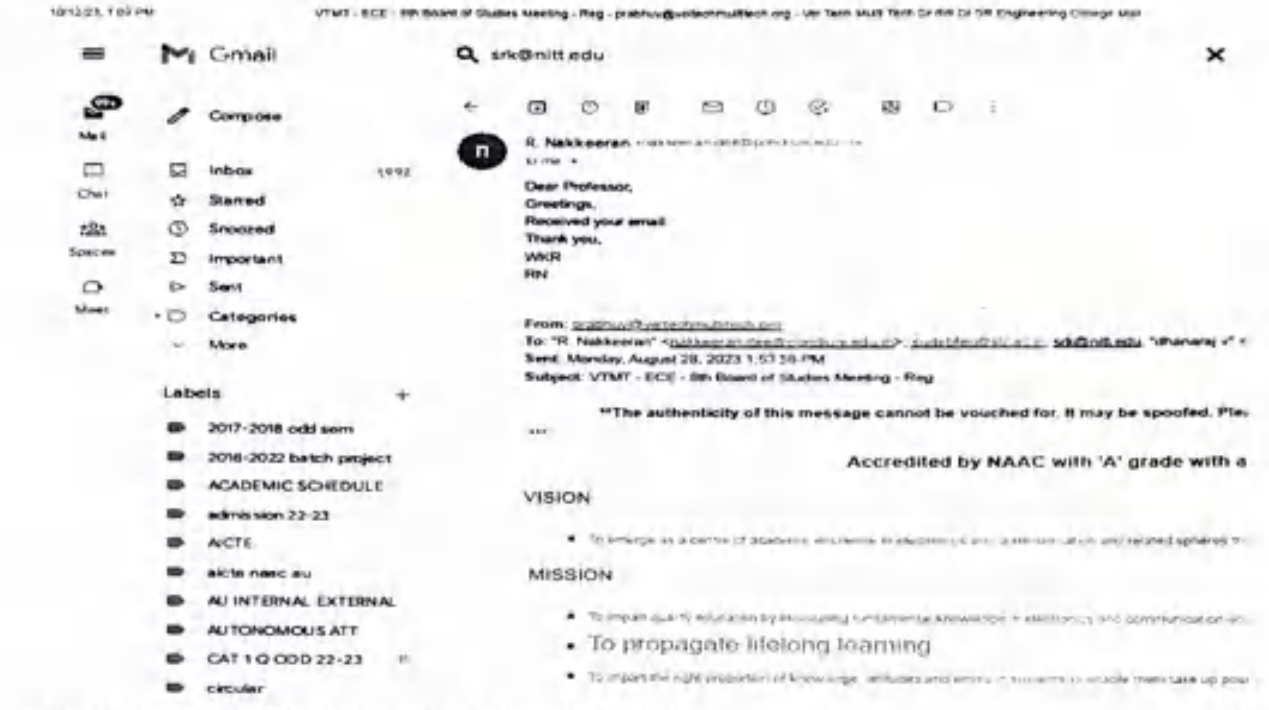
I hereby attached the BoS meeting agenda, Powerpoint presentation and curriculum and syllabi for your

With Regards

5 Attachments • Scanned by Gmail



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ACADEMIC SCHEDULE
admission 22-23
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AUTONOMOUS ATT
CAT 1 Q ODD 22-23
circular
R. Nakkeeran
Dear Professor,
Greetings,
Received your email
Thank you,
WKR
RN
From:
To: "R. Nakkeeran"
Sent: Monday, August 28, 2023 1:57:59 PM
Subject: VTMT - ECE - 8th Board of Studies Meeting - Reg
**The authenticity of this message cannot be vouched for. It may be spoofed. Ple
Accredited by NAACH with 'A' grade with a
VISION
MISSION
To propagate lifelong learning

Prabhu V, Associate Professor, ECE
Dhanaraj Velu
Nakkeeran R
sriram kumar Dh...
Sudob Dasgupta
gadipudi vishnu
A K
13 others
Prabhu V, Associ...
2:02 PM | 8TH Board of Studies ...

M. TECH MULTI TECH Dr.RANGARAJANDr.SAKUNTHALA ENGINEERING COLLEGE
An Autonomous Institution

BoS 5

Department of Electrical and Electronics Engineering

MEETING OF THE BOARD OF STUDIES

Circular- VTMT/EEE/BoS/Agenda/2021-2022/001 **Date: 10.09.2021**

The committee meeting will be held on 11.09.2021 at 06.00PM through Google Meet.

Meeting link: https://meet.google.com/wiz-tnto-ene

Agenda

The following points are lined up for discussion,

1. Consideration of Open Electives offered by B.E Electrical and Electronics Engineering to other courses of Engineering.
2. Consideration of Open Electives offered by other branches of Engineering to B.E Electrical and Electronics Engineering.
3. Consideration and Approval of syllabi of Power Electronics and Drives, Embedded Controllers and Real Time Operating systems, and Power Electronics Laboratory for VIth Semester B.E. Robotics and Automation Engineering Programmes from the academic year 2022-2023 onwards.
4. Any other Suggestions.

Chairman

Board of Studies – Electrical and Electronics Engineering

List of members-FifthBoSmeeting on 11.09.2021.

	Name	Position in BOS	Nominated by	Designation	Signature
	Dr.P.K.Mani	Member	HoD	Associate Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
2	Dr.M.Karthikeyan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
3	Ms.S.Akila	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
4	Mr.S.Sivarajan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
5	Ms.K.Vidya	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
6	Mr.K.Sakthidhasan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
7	Mr.N.Anantha Saravanan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	

	Mr.R.Jenin Prabhu	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
	Mr.S.Dhananjeyan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
	Ms.Vijaya Lakshmi	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg., Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College	
	Dr. G. Saravanallango	Member (Subject Expert)	Academic Council	Associate Professor, Department of Electrical and Electronics Engg., College of Engg., National Institute of Technology, Tiruchirappalli	
12	Dr.Chittibabu	Member (Subject Expert)	Academic Council	Assistant Professor, Department of Electrical and Electronics Engg., IITDM, Kancheepuram.	
13	Dr. G.Uma	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Department of Electrical and Electronics Engg., College of Engg., Guindy, Anna University, Chennai.	
14	Mr. Senthil Kumar	Member (Industry Expert)	Principal	American Mega Trends	
15	Mr. S.Manikandan	Member (PG Meritorious Alumnus)	Principal	Lead Consultant, Virtusa Consulting service	

Gmail

Professor & Head EEE <hodeee@veltechmultitech.org>

Agenda for 5th BoS Meeting-Regarding

1 message

Professor & Head EEE <hodeee@veltechmultitech.org> Fri, Sep 10, 2021 at 9:32 PM
To: uma@annauniv.edu, gsilango@nitt.edu, bcbabu@iiitdm.ac.in
Cc: VM EEE P K Mani <manipk@veltechmultitech.org>, karthikeyanm@veltechmultitech.org, AKILA <akila@veltechmultitech.org>, Sivarajan <sivarajan@veltechmultitech.org>, VIDYA <vidya@veltechmultitech.org>, JAYALAKSHMI <mvijayalakshmi@veltechmultitech.org>, VM EEE Dhanajanyen <dhananjeyan@veltechmultitech.org>, VM EEE Ananthasaravanan <ananthasaravanan@veltechmultitech.org>, jeninprabhu@veltechmultitech.org

Dear Sir/Mam,

Greetings from VelTech Multi Tech!!!

As per our discussion here with sharing the agenda for the Board of Studies Meeting planned on Saturday 11/09/2021 06 pm.

MEETING OF THE BOARD OF STUDIES

Circular- VTMT/EEE/BoS/Agenda/2021-2022/001 **Date: 10.09.2021**

The committee meeting will be held on 11.09.2021 at 06.00PM through Google Meet.

Agenda

The following points are lined up for discussion,

1. Consideration of Open Electives offered by B.E Electrical and Electronics Engineering to other courses of Engineering.

2. Consideration of Open Electives offered by other branches of Engineering to Electrical and Electronics Engineering.

3. Consideration and Approval of syllabi of Power Electronics and Drives, Embedded Controllers and Real Time Operating systems, and Power Electronics Laboratory for VIth Semester B.E. Robotics and Automation Engineering Programmes from the academic year 2022-2023 onwards.

4.Any other Suggestions.

Meeting Link:https://meet.google.com/wiz-tnto-ene

Chairman

Thank you,

Gmail

UPDATED CURRICULUM AFTER 5TH BoS

5 messages

Professor & Head EEE <hodeee@veltechmultitech.org> Wed, Sep 22, 2021 at 1:06 PM
To: uma@annauniv.edu, gsilango@nitt.edu, bcbabu@iiitdm.ac.in
Bcc: AKILA <akila@veltechmultitech.org>, VM EEE Ananthasaravanan <ananthasaravanan@veltechmultitech.org>, VM EEE Dhanajanyen <dhananjeyan@veltechmultitech.org>, VM EEE P K Mani <manipk@veltechmultitech.org>, VIJAYALAKSHMI <vijayalakshmi@veltechmultitech.org>, karthikeyanm@veltechmultitech.org, Sivarajan <sivarajan@veltechmultitech.org>, VIDYA <vidya@veltechmultitech.org>, jeninprabhu@veltechmultitech.org

Dear Sir/Mam,

Greetings from VelTech Multi Tech!!!

As per our discussion here with sharing the curriculum of 2019 regulation, for your consideration and approval. The corrections were made as per suggestions given in the Board of Studies Meeting held on Saturday 11/09/2021.

Kindly do needful.

Thank you.

With Regards,
Head of the Department
Department of Electrical and Electronics Engineering
Vel Tech MultiTech Dr. Rangarajan Dr. Sakunthala Engineering College
Avadi, Chennai-62, Tamil Nadu, India.

EEE CURRICULUM 2019-I TO VIII SEM.doc
271K

uma@annauniv.edu <uma@annauniv.edu> Wed, Sep 22, 2021 at 7:22 PM
To: Professor & Head EEE <hodeee@veltechmultitech.org>

Dear Sir/ Madam
Warm Greetings. one of the suggestions is the introduction of electromaganetic theory prior to the subject Dc machines and transformers. Kindly look into that.
Regards
G.Uma

rR
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ACCREDITED BY NAAC WITH 'A' GRADE WITH AN IMPRESSIVE SCORE OF 3.49,

INSTITUTION VISION

* ELEVATING WELL BEING OF HUMANITY BY AUGMENTING HUMAN RESOURCE POTENTIAL THROUGH QUALITY TECHNICAL EDUCATION AND TRAINING

INSTITUTION MISSION

12:49 PM

• TO EFFECTUATE SUPREMACY IN TECHNICAL EDUCATION THROUGH ARTICULATION
F RESEARCH AND INDUSTRY PRACTICES FOR SOCIAL RELEVANCE.
• TO INCULCATE THE HABIT OF LIFELONG LEARNING
• TO EXHIBIT PROFESSIONAL ETHICS, COMMITMENT AND LEADERSHIP QUALITIES

tti Babu <bcbabu@iiitdm.ac.in> Thu, Sep 23, 2021 at 10:17 AM
Professor & Head EEE <hodeee@veltechmultitech.org>
ma@annauniv.edu, saravana ilango <gsilango@nitt.edu>

ar All,
pproved from my side.

hanks
hitti Babu

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Accredited by NAAC with 'A' grade with an impressive score of 3.49.

INSTITUTION VISION

- **Elevating well being of humanity by augmenting human resource potential through quality technical education and training**

INSTITUTION MISSION

- **To effectuate supremacy in technical education through articulation of research and industry practices for social relevance.**
- **To inculcate the habit of lifelong learning**
- **To exhibit professional ethics, commitment and leadership qualities**

Dr. B. Chitti Babu *Ph.D, SMIEEE,*
Photovoltaic (PV) Research Laboratory,
Indian Institute of Information Technology, Design & Manufacturing
(Under Ministry of Education, Govt. of India)
Kancheepuram, Chennai-600127. INDIA.
Profile, IIITD&M Kancheepuram weblink |

Professor & Head EEE <hodeee@veltechmultitech.org> Mon, Sep 27, 2021 at 9:49 AM
To: B Chitti Babu <bcbabu@iiitdm.ac.in>

THANK YOU SIR.

With Regards,

Head of the Department
Department of Electrical and Electronics Engineering
Vel Tech MultiTech Dr. Rangarajan Dr. Sakunthala Engineering College
Avadi, Chennai-62, Tamil Nadu, India.

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...permthid=thread-a%3Ar-4209277423838725708&simpl=msg-a%3Ar-42076249...

12:49 PM
...sor & Head EEE <hodeee@veltechmultitech.org>
...@annauniv.edu
Mon, Sep 27, 2021 at 9:50 AM

...k you mam

...Regards,

...d of the Department
...partment of Electrical and Electronics Engineering
... Tech MultiTech Dr. Rangarajan Dr. Sakunthala Engineering College
...di, Chennai-62, Tamil Nadu, India.

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Department of Electrical and Electronics Engineering

BOS - 6

VEL TECH MULTI TECH Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING COLLEGE
An Autonomous Institution

Department of Electrical and Electronics Engineering

BoS 6

MEETING OF THE BOARD OF STUDIES

Circular- VTMT/EEE/BoS/Agenda/2021-2022/002

Date: 09.02.2022

The committee meeting will be held on 12.02.2022 at 1.45PM through Zoom.

Agenda

The following points are lined up for discussion,

1. Consideration and Approval for Updating in syllabi of Microprocessors and Micro-controllers 191EE424 for IVth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

2. Consideration and Approval for Updating in syllabi of Microprocessors and Micro-controllers Laboratory 191EE42B for IVth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

3. Consideration and Approval for Updating in syllabi of Embedded System 191EE511 for Vth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

4. Consideration and Approval for Updating in syllabi of Embedded Laboratory 191EE51A for Vth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

5. Consideration and Approval for Updating in syllabi of Power Electronics 191EE523 for Vth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

6. Consideration and Approval for Updating in syllabi of Real Time Concepts for Embedded Systems for Ist Semester M.E. Embedded Systems Technologies Programmes from the academic year 2022-2023 onwards.

7. Any other Suggestions.

Chairman

Board of Studies – Electrical and Electronics Engineering

List of members-Sixth BoS meeting on 12.02.2022.

Sl No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Dr.P.K.Mani	Member	Principal	Associate Professor, Department of Electrical and Electronics Engg., Vel TechMulti Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
2	Dr.M.Karthikeyan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
3	Ms.S.Akila	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
4	Mr.S.Sivarajan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
5	Ms.K.Vidya	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
6	Mr.K.Sakthidhasan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
7	Mr.N.Anantha Saravanan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
8	Mr.R.Jenin Prabhu	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	

9	Mr.S.Dhananjeyan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
10	Ms.Vijaya Lakshmi	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
11	Dr. G. Saravanallango	Member (Subject Expert)	Academic Council	Associate Professor, Department of Electrical and Electronics Engg., College of Engg., National Institute of Technology, Tiruchirappalli	
12	Dr.Chittibabu	Member (Subject Expert)	Academic Council	Assistant Professor, Department of Electrical and Electronics Engg., IITDM, Kancheepuram.	
13	Dr. G.Uma	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Department of Electrical and Electronics Engg., College of Engg., Guindy, Anna University, Chennai.	
14	Mr. Senthil Kumar	Member (Industry Expert)	Principal	American Mega Trends	
15	Mr. S.Manikandan	Member (PG Meritorious Alumnus)	Principal	Lead Consultant, Virtusa Consulting service	

Gmail

Akila.S EEE <akila@veltechmultitech.org>

Agenda for 6th BoS Meeting-Regarding

Professor & Head EEE <hodeee@veltechmultitech.org> Wed, Feb 9, 2022 at 2:06 PM

[illegible]@annauniv.edu, B Chitti Babu <bcbabu@iiitdm.ac.in>, gsilango@nitt.edu

[illegible]@veltechmultitech.org

Dear Sir/Mam,

Greetings from VelTech Multi Tech!!!

As per our discussion here with sharing the agenda for the Board of Studies Meeting planned on Saturday 12/02/2022 01.45 pm-02.45pm through Zoom.

Join by clicking the link: https://zoom.us/j/2348342211?pwd=bmZWU0RPN2trMjZzVW5TQ01yMGZ0dz09

Agenda

The following points are lined up for discussion,

1. Consideration and Approval for Updating in syllabi of Microprocessors and Micro-controllers 191EE424 for IVth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

2. Consideration and Approval for Updating in syllabi of Microprocessors and Micro-controllers Laboratory 191EE42B for IVth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

3. Consideration and Approval for Updating in syllabi of Embedded System 191EE511 for Vth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

4. Consideration and Approval for Updating in syllabi of Embedded Laboratory 191EE51A for Vth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

5. Consideration and Approval for Updating in syllabi of Power Electronics 191EE522 for Vth Semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

6. Consideration and Approval for Updating in syllabi of Real Time Concepts for Embedded Systems for Ist Semester M.E. Embedded Systems Technologies Programmes from the academic year 2022-2023 onwards.

7. Any other Suggestions.

Thank you,

With Regards,

Head of the Department

Department of Electrical and Electronics Engineering

Vel Tech MultiTech Dr. Rangarajan Dr. Sakunthala Engineering College

Avadi, Chennai-62, Tamil Nadu, India.

Accredited by NAAC with 'A' grade with an impressive score of 3.49.

INSTITUTION VISION

- Elevating well being of humanity by augmenting human resource potential through quality technical education and training

INSTITUTION MISSION

- To effectuate supremacy in technical education through articulation of research and industry practices for social relevance
- To inculcate [illegible] on lifelong learning
- To exhibit professional ethics, commitment and leadership qualities

Wed, Aug 10, 2022 at 10:47 AM

Akila.S EEE <akila@veltechmultitech.org>
To: "MANI.P.K" <manipk@veltechmultitech.org>

[Quoted text hidden]

BOS - 7

VEL TECH MULTI TECH Dr.RANGARAJANDr.SAKUNTHALA ENGINEERING COLLEGE
An Autonomous Institution
Department of Electrical and Electronics Engineering
MEETING OF THE BOARD OF STUDIES

Circular- VTMT/EEE/BoS/Agenda/2021-2022/003

Date: 13.12.2022

The committee meeting will be held on 15.12.2022 at 12PM through Google Meet

Agenda

The following points are lined up for discussion,

1. Consideration and Approval of the inclusion of Program Elective-III, Open elective-III and Open elective-IV in the curriculum of Seventh semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

2. Consideration and Approval of the inclusion of Program Elective-IV, Program Elective-V, in the curriculum of Eighth semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

3. Consideration and Approval of detailed Syllabi of Professional Ethics in Engineering, High Voltage Engineering, Protection and Switchgear, Renewable Energy Systems Laboratory, Project Phase I Laboratory for VIIth Semester B.E. Electrical and Electronics Engineering.

4. Consideration and Approval of Syllabus for the list of Program Elective-III, Open elective-III, and Open elective IV in the curriculum of Seventh semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

5. Consideration and Approval of Syllabus for the list of Program Elective-IV, Program Elective-V, in the curriculum of Eighth semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

6. Consideration and Approval of the syllabi of Third and Fourth Semester M.E. Embedded Systems Technologies Programmes from the academic year 2022-2023 onwards.

7. Consideration and Approval of Internal and External mark allocation from the academic year 2021-2022 onwards. (60 marks Internal & 40 marks external for Laboratory courses & 40 marks Internal & 60 marks external for Theory courses)

8. Consideration and Approval of Relative grading for the theory courses for the students admitted from 2021 onwards & Absolute grading for Practical courses.

9. Consideration and Approval for the revised Regulation 2023 of, B.E-Electrical and Electronics Engineering, from the academic year 2023-2024 onwards.

10. Consideration and Approval of revised Curriculum and Syllabi for I Semester and II Semester of B.E-Electrical and Electronics Engineering, from the academic year 2023-2024 onwards.

11. Consideration and Approval for the Regulation 2023 of Post-Graduate course M.E-Embedded System Technologies from the academic year 2023-2024 onwards.

12. Consideration and Approval of Curriculum and Syllabus for I Semester and II Semester of Post-Graduate course M.E-Embedded System Technologies from the academic year 2023-2024 onwards.

13. Consideration and Approval for Amendment to the admitted students 2021 for B.E. / B. Tech. degree Programme - Anna University – award of UG

B.E Honours in the same discipline

B.E Honours with Different verticals

B.E Minor in other specialization

14. Any other Suggestions.

Chairman

Board of Studies – Electrical and Electronics Engineering

List of Members-Seventh BoS meeting on 15.12.2022.

Sl. No.	Name	Position in BOS	Nominated by	Designation	Signature
1	Dr.P.K.Mani	Chairman	Principal	Associate Professor, Department of Electrical and Electronics Engg.,VelTechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
2	Dr.S.Thaisubha	Member	HoD	Professor, Department of Electrical and Electronics Engg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
2	Dr.M.Karthikeyan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
3	Mr.S.Sivarajan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
4	Ms.K.Vidya	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
5	Mr.K.Sakthidhasan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
6	Mr.N.AnanthaSaravanan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
7	Mr.R.JeninPrabhu	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	

8	Mr.S.Dhananjeyan	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
9	Ms.Vijaya Lakshmi	Member	HoD	Assistant Professor, Department of Electrical and ElectronicsEngg.,Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College	
10	Dr. G. Saravanallango	Member (Subject Expert)	Academic Council	Associate Professor, Department of Electrical and Electronics Engg., College of Engg., National Institute of Technology, Tiruchirappalli	
11	Dr.ChittiBabu	Member (Subject Expert)	Academic Council	Assistant Professor, Department of Electrical and Electronics Engg., IITDM, Kancheepuram.	
12	Dr.R.Gnanadass	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Department of Electrical and Electronics Engg., Pudhucherry Technological University,Pudhucherry	
13	Mr. Aswin Pio Rayen	Member (Industry Expert)	Principal	LIEBHERR Container Cranes LTD, IRELAND	
14	Mr. S.Manikandan	Member (PG Meritorious Alumnus)	Principal	Lead Consultant, Virtusa Consulting service	

VEL TECH MULTI TECH Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING COLLEGE
An Autonomous Institution (Affiliated to Anna University)
Department of Electrical and Electronics Engineering
BOARD OF STUDIES

Minutes of Meeting

15.12.2022

The Seventh meeting of the Board of Studies **VEL TECH MULTI TECH Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING COLLEGE** (An Autonomous Institution, Affiliated to Anna University) held on 15.12.2022 through online, started with the welcome address by the Chairman of the BoS, welcoming the members and Special invitees of BoS.
Chairman outlined the various agenda items to be presented.

01. Consideration and Approval of the inclusion of Program Elective-III, Open elective-III and Open elective-IV in the curriculum of Seventh semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

RESOLVED TO

Approve the inclusion of Program Elective-III, Open elective-III and Open elective-IV in the curriculum of Seventh semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

Resolution by: Dr.R.Gnanadass, Dr.M.Karthikeyan, Mr.Aswin Pio Rayen

02. Consideration and Approval of the inclusion of Program Elective-IV, Program Elective-V, in the curriculum of Eighth semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards

RESOLVED TO

Approve the inclusion of Program Elective-IV, Program Elective-V, in the curriculum of Eighth semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards

Resolution by: Dr.B.ChittiBabu, Mr.S.Manikandan, Mr.Sivarajan

03. Consideration and Approval of detailed Syllabi of Professional Ethics in Engineering, High Voltage Engineering, Protection and Switchgear, Renewable Energy Systems Laboratory, Project Phase I Laboratory for VIIth Semester B.E. Electrical and Electronics Engineering.

RESOLVED TO

Approve the syllabus of Professional Ethics in Engineering, High Voltage Engineering, Protection and Switchgear, Renewable Energy Systems Laboratory, Project Phase I Laboratory for VIIth Semester B.E. Electrical and Electronics Engineering.

Resolution by: Dr.G.Saravanaflango, Mr.K.Sakthidhasan, Dr.Karthikeyan

04. Consideration and Approval of Syllabus for the list of Program Elective-III, Open elective-III, and Open elective IV in the curriculum of Seventh semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

RESOLVED TO

Approve the syllabus for the list of Program Elective-III, Open elective-III, and Open elective IV in the curriculum of Seventh semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2021-2022 onwards.

Resolution by: Dr.B.Chittibabu, Mr.N.AnanthaSaravanan, Mr.Sivarajan

05. Consideration and Approval of Syllabus for the list of Program Elective-IV, Program Elective-V,in the curriculum of Eighth semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

RESOLVED TO

Approve the syllabus for the list of Program Elective-IV, Program Elective-V,in the curriculum of Eighth semester B.E. Electrical and Electronics Engineering Programmes from the academic year 2022-2023 onwards.

Resolution by: Dr.R.Gnanadass, Dr.M Karthikeyan, Mr.Jenin Prabhu

06. Consideration and Approval of the syllabi of Third and Fourth Semester M.E. Embedded Systems Technologies Programmes from the academic year 2022-2023 onwards.

RESOLVED TO

07. Approve the syllabus of Third and Fourth Semester M.E. Embedded Systems Technologies Programmes from the academic year 2022-2023 onwards.

Resolution by: Dr.B.Chittibabu, Mr.Sivarajan, Mr.Dhananjeyan

Consideration and Approval of Internal and External mark allocation from the academic year 2021-2022 onwards. (60 marks Internal & 40 marks external for Laboratory courses & 40 marks Internal & 60 marks external for Theory courses)

RESOLVED TO

Approve the Internal and External mark allocation from the academic year 2021-2022 onwards. (60 marks Internal & 40 marks external for Laboratory courses & 40 marks Internal & 60 marks external for Theory courses)

Resolution by: Dr.G.Saravanallango, Mr.K.Sakthidhasan,Mr.T.Aswin Pio Rayen

08. Consideration and Approval of Relative grading for the theory courses for the students admitted from 2021 onwards & Absolute grading for Practical courses.

RESOLVED TO

Approve the Relative grading for the theory courses for the students admitted from 2021 onwards & absolute grading for Practical courses.

Resolution by: Dr.S.Gnanadass, Mr.Sivarajan. Mr.R.Jenin Prabhu

09. Consideration and Approval for the revised Regulation 2023 of. B.E-Electrical and Electronics Engineering. from the academic year 2023-2024 onwards.

RESOLVED TO

Approve the revised Regulation 2023 of. B.E-Electrical and Electronics Engineering. from the academic year 2023-2024 onwards.

Resolution by: Dr.B.Chittibabu, Mr.Dhananjeyan. Mr.K.Sakthidhasan

10. Consideration and Approval of revised Curriculum and Syllabi for I Semester and II Semester of B.E-Electrical and Electronics Engineering. from the academic year 2023-2024 onwards

RESOLVED TO

Approve the revised Curriculum and Syllabi for I Semester and II Semester of B.E-Electrical and Electronics Engineering. from the academic year 2023-2024 onwards

Resolution by: Dr. Dr.G.Saravanallango, Mr.T.Aswin Pio Rayen,Mr.S.Manikandan

11 Consideration and Approval for the Regulation 2023 of Post Graduate course M.E Embedded System Technologies from the academic year 2023-2024 onwards.

RESOLVED TO

Approve the Regulation 2023 of Post-Graduate course M.E-Embedded System Technologies from the academic year 2023-2024 onwards.

Resolution by: Dr.R.Gnanadass, Dr.B.ChittiBabu, Ms.M.Vijayalakshmi, Mr.Dhananjeyan

12 Consideration and Approval of Curriculum and Syllabus for I Semester and II Semester of Post Graduate course M.E-Embedded System Technologies from the academic year 2023-2024 onwards.

RESOLVED TO

Approve the Curriculum and Syllabus for I Semester and II Semester of Post Graduate course M.E Embedded System Technologies from the academic year 2023-2024 onwards. Resolution by: Dr.R.Gnanadass, Dr.B.ChittiBabu, Mr.S.Manikandan, Dr.M.Karthikeyan

13 Consideration and Approval for Amendment to the admitted students 2021 for B.E. / B. Tech. degree Programme - Anna University – award of UG

B.E Honours in the same discipline

B.E Honours with Different verticals

B.E Minor in other specialization

RESOLVED TO

Approve the Amendment to the admitted students 2021 for B.E. / B. Tech. degree Programme Anna University – award of UG

B.E Honours in the same discipline

B.E Honours with Different verticals

B.E Minor in other specialization

Resolution by: Dr.R.Gnanadass, Dr.Karthikeyan, Dr.G.Saravanallango

BOS - 8

VEL TECH MULTI TECH Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING COLLEGE
An Autonomous Institution
Department of Electrical and Electronics Engineering

MEETING OF THE BOARD OF STUDIES

Circular- VTMT/EEE/BoS/Agenda/2023-2024/001 **Date: 25.08.2023**

The committee meeting will be held on **26-08-2023** at **11 PM** by **Hybrid mode.**

To join the video meeting, click this link: https://meet.google.com/qsg-ffov-bbk

Otherwise, to join by phone, dial +1 337-766-0316 and enter this PIN: 836 986 097#

Venue: THOMAS ALVA EDISON HALL

Agenda

The following points are lined up for discussion,

1. Consideration and Approval of the inclusion of Tamils and Technology in the curriculum of Third semester B.E. Electrical and Electronics Engineering Programme for Regulation 2019

2. Consideration and Approval of the syllabus of **191BS101-Basic Engineering Science**, in the curriculum of First semester B.E / B.Tech Programmes from the academic year 2023-2024 onwards.

3. Consideration and Approval of Curriculum and Syllabi for III Semester and IV Semester of B.E-Electrical and Electronics Engineering, from the academic year 2023-2024 onwards.

4. Consideration and Approval of **Electric Drives and Control (Theory)** and **Electrical Engineering Laboratory** in the curriculum of B. E Mechanical Engineering Programme from the academicyear 2023-2024 onwards.

5. Consideration and Approval of the syllabus of **191EE512-Control System Engineering,** in the curriculum of Fourth Semester B.E Electronics and Communication Engineering Programme for Regulation 2023 -2024 onwards.

6. Consideration and Approval of **Professional Elective Courses: VERTICALS** in the curriculum B.E. Electrical and Electronics Engineering Programme from the academic year 2023-2024 onwards.

7. Consideration and Approval of **VERTICALS FOR MINOR DEGREE (In addition to all the verticals of other degree programmes)** in the curriculum B.E. Electrical and Electronics Engineering Programme from the academicyear 2023-2024 onwards.

8. Consideration and Approval of the syllabi **192MC36A Research Methodology and Intellectual Property Rights** of Third semester M.E Embedded System Technology Programme from the academic year 2023-2024 onwards.

9. Consideration and Approval of the syllabi **192HS10A English for Research Paper Writing** of First semester M.E Embedded System Technology Programme from the academic year 2023-2024 onwards.

10. Any other suggestions

25/08/2023

Chairman

SL No	Name	Position	Nominated by	Designation	Signature
1	Dr.Deepthi Joseph	Chairman	Principal	Professor & Head, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
2	Dr.P.K.Mani	Member	HoD	Associate Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
3	Mr.S.Sivarajan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
4	Mr.K.Sakthidhasan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
5	Mr.N.Anantha Saravanan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
6	Mr.R.Jenin Prabhu	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
7	Mr.S.Dhananjeyan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
8	Mrs.P.Annapoorani	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
9	Mrs.K.Rajalakshmi	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
10	Mr.R.Balakrishnan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech	

				College	
11	Ms. P.Gajalaxmi	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.RangarajanDr.SakunthalaEngg. College	
12	Dr.N.Ananthan	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.RangarajanDr.SakunthalaEngg. College	
13	Ms.J.NithyaJenev	Member	HoD	Assistant Professor, Department of Electrical and Electronics Engg., Vel Tech Multi Tech Dr.RangarajanDr.SakunthalaEngg. College	
14	Dr.G. Saravanallango	Member (Subject Expert)	Academic Council	Associate Professor, Department of Electrical and Electronics Engg., College of Engg., National Institute of Technology, Tiruchirappalli	
15	Dr.B.ChittiBabu	Member (Subject Expert)	Academic Council	Assistant Professor, Department of Electrical and Electronics Engg., IITDM, Kancheepuram	Associate Prof & Hea
16	Dr.R.Gnanadass	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Department of Electrical and Electronics Engg., Pudhucherry Technological University,Pudhucherry	
17	Mr. AswinPioRayen	Member (Industry Expert)	Principal	LIEBHERR Container Cranes Ltd,IRELAND	
18	Mr. S.Manikandan	Member (PG Meritorious Alumnus)	Principal	Lead Consultant, Virtusa Consulting service	

VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE
An Autonomous Institution (Affiliated to Anna University)

Department of Electrical and Electronics Engineering

BOARD OF STUDIES

Minutes of Meeting

26.08.2023

The Eighth meeting of the Board of Studies **VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE** (An Autonomous Institution,affiliated to Anna University) held on 26.08.2023 through Hybrid Mode, started with the welcome address by the Chairman of the BoS, welcoming the members and Special invitees of BoS.

Chairman outlined the various agenda items to be presented.

01. Consideration and Approval of the inclusion of Tamils and Technology in the curriculum of Third semester B.E. Electrical and Electronics Engineering Programme for Regulation 2019

RESOLVED TO

Approve the inclusion of Tamils and Technology in the curriculum of Third semester B.E. Electrical and Electronics Engineering Programme for Regulation 2019

Resolution by: Dr.R.Gnanadass, Mr.Aswin Pio Rayen, Mr.R.Jeninprabhu

02. Consideration and Approval of the syllabus of **191BS101-Basic Engineering Science**, in the curriculum of First Semester B. E / B. Tech Programme from the academic year 2023-2024 onwards.

RESOLVED TO

Approve the syllabus of 191BS101-Basic Engineering Science, in the curriculum of First Semester B. E / B. Tech Programme from the academic year 2023-2024 onwards.

Resolution by: Dr.B.ChittiBabu, Mr.S.Manikandan, Mr.S.Sivarajan

03. Consideration and Approval of Curriculum and Syllabi for III Semester and IV Semester of Electrical and Electronics Engineering, from the academic year 2023-2024 onwards.

RESOLVED TO

Approve the syllabus of III Semester and IV Semester of B.E- Electrical and Electronics Engineering, from the academic year 2023-2024 onwards.

Resolution by: Dr.G.Saravanallango, Mr.K.Sakthidhasan, Dr.Deepthi Joseph

04. Consideration and Approval of Electric Drives and Control (Theory) and Electrical Engineering Laboratory in the curriculum of III Semester B. E Mechanical Engineering Programme from the academic year 2023-2024 onwards.

RESOLVED TO

Approve the syllabus for Electric Drives and Control (Modified syllabus) and Electrical Engineering Laboratory in the curriculum of III Semester B. E Mechanical Engineering Programme from the academic year 2023-2024 onwards based on the suggestions and guide lines given by BoS Members.

Resolution by: Dr.B.Chittibabu, Mr.N.AnanthaSaravanan, Dr.P.K.Mani

05.Consideration and Approval of the syllabus of Control System, in the curriculum of Fourth Semester B.E Electronics and Communication Engineering Programme for Regulation 2023.

RESOLVED TO

Approve the syllabus of Control System, in the curriculum of Fourth Semester B.E Electronics and Communication Engineering Programmes for Regulation 2023

Resolution by: Dr.R.Gnanadass, Dr.N.Ananthan, Mr.Jenin Prabhu

06. Consideration and Approval of Professional Elective Courses: VERTICALS in the curriculum B.E. Electrical and Electronics Engineering Programmes from the academic year 2023-2024 onwards.

RESOLVED TO

Approve the Professional Elective Courses: VERTICALS in the curriculum B.E. Electrical and Electronics Engineering Programmes from the academic year 2023-2024 onwards.

Resolution by: Dr.B.Chittibabu, Mr.S.Sivarajan, Mr.S.Dhananjeyan

BoS 2019-2020

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Meeting of the Board of Studies

Department of Information Technology

Circular - VTMT/IT/BoS/Agenda/2019-2020/001

Date: 01.07.2019

The committee meeting will be held on 06.07.2019 at 10.00AM at Alexander Graham Bell Seminar Hall.

Agenda

The following points are lined up for discussion

1. Consideration and Approval of Under Graduate Rules and Regulations 2019 for B.E/B.Tech Degree Programmes to be followed from the Academic year, 2019-2020.
2. Consideration and Approval of Curriculum of First Semester of B.Tech Information Technology Engineering students to be followed from the Academic year, 2019-2020.
3. Consideration and Approval of detailed syllabi of following Courses for Second Semester of B.Tech Information Technology.

    i. Problem Solving and Python Programming
    ii. Information Systems
    iii. Problem Solving and Python Programming Lab
    iv. Free Open Source Lab

4. Consideration and Approval of Panel of Examiners (Question Paper Setting) for theory and Practical Examination for Under Graduate course B.Tech Information Technology
5. Consideration and Apptoval of Board of Examiners (Valuations) for Under Graduate course B.Tech Information Technology.
6. Any other suggestions.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Meeting of the Board of Studies

Academic Year 2019-20

Minutes of Meeting – 001

Ref - VTMT/IT/BoS/MOM/2019-2020/001

Date: 06.07.2019

Time: 10:00 AM Venue: Jagadish Chandra Bose Seminar Hall.

Members Present:

Sl. No.	Name	Position in BOS	Nominated by	Designation
1	Dr. M.Suchithra	Chairman	Principal	Head & Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
2	Dr. S.Ramesh	Member	HoD	Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
3	Dr. M.Rajeshkhanna	Member	HoD	Associate Professor, Department of Information Technology, Vel Tech Multi Tech Dr Rangarajan Dr.Sakunthala Engg. College
4	Mr. K Immanuvel Arokia James	Member	HoD	Assistant Professor, Department of Information

				Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
5	Mr. R Prabu	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr. Rangarajan Dr.Sakunthala Engg. College
6	Mr. P Robert	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College
7	Mrs. P.Manjula	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr Rangarajan Dr.Sakunthala Engg. College
8	Mr. P.VijayAnand	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
9	Ms. K.VidyaLakshmi	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
10	Mrs. T. Saraswathi	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
11	Dr. Vivekanandan	Member (Subject Expert)	Academic Council	Professor, Department of Computer Science and Engg

				Pondicherry Engg. College, Puducherry
12	Dr. Dhanalakshmi	Member (Subject Expert)	Academic Council	Associate Professor, Department of Computer Science and Engg. National Institute of Tech., Puducherry
13	Dr. K.S.Esawarakumar	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Department of Computer Science and Engg., College of Engg., Guindy, Anna University, Chennai - 600025
14	Mr.R. Ravisankar	Member (Industry Expert)	Principal	K7 Computing Pvt. Ltd., Chennai
15	Mr. S.Senthamizh Kumaran	Member (PG Meritorious Alumnus)	Principal	Assistant Consultant, TCS

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed

Item 1: Consideration and Approval of Curriculum of B.Tech Information Technology Engineering students to be followed from the Academic year 2019-2020

Resolution: Resolved to approve the Curriculum of B.Tech Information Technology Engineering students to be followed from the Academic year 2019-2020

Item 2: Consideration and Approval of Curriculum of First Semester of B.Tech Information Technology Engineering students to be followed from the Academic year 2019-2020

Resolution: Resolved to approve the Curriculum of First Semester of B.Tech Information Technology Engineering students to be followed from the Academic year 2019-2020

Item 3: Consideration and Approval of detailed syllabi of following Courses for II Semester viz.,

Theory courses

a. Problem Solving and Python Programming
b. Information Systems

Practical

c. Problem Solving and Python Programming Lab
d. Free Open Source Software Lab

Resolution: Resolved to approve the detailed syllabi of following Courses for II Semester viz.,

Theory courses

a. Problem Solving and Python Programming
b. Information Technology Essentials

Practical

c. Problem Solving and Python Programming Lab
d. Information Technology Essentials Practical

Since there were no other points to be discussed, the meeting was concluded with vote of thanks proposed by Dr. M. Suchitra, Professor & Head, Department of Information Technology

6/7/20

CHAIRMAN

Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

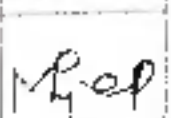
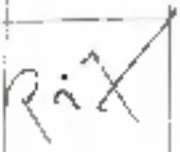
(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Board of Studies –Minutes of Meeting – Attendance

Venue: M/M 302 / Jagdish Chandra Bose Seminar Hall, Date: 06.07.2019 at 10.00am

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr. M.Suchithra	Head & Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Chairman	
2	Dr. Vivekanandan	Professor, Department of Computer Science and Engg Pondicherry Engg. College, Puducherry	Member (Subject Expert)	
3	Dr. Dhanalakshmi	Associate Professor, Department of Computer Science and Engg. National Institute of Tech., Puducherry	Member (Subject Expert)	
4	Dr. K.S.Easwarakumar	Professor, Department of Computer Science and Engg., College of Engg , Guindy, Anna University, Chennai - 600025	Member (University Nominee)	
5	Mr.Ravisankar	K7 Computing Pvt. Ltd., Chennai	Member (Industry Expert)	
6	Mr. Sendhamil Kumaran	Assistant Consultant, TCS	Member (PG Meritorious Alumnus)	
7	Dr. S.Ramesh	Professor Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	Member	
8	Dr. M.Rajeshkhanna	Associate Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9	Mr. R Prabu	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
10	Mr. E. Immanuvel Arokia James	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

11	Mr P.Robert	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
12	Ms. P Manjula	Assistant Professor, Dept of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
13	Mr. P.VijayAnand	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
14	Ms K.VidyaLakshmi	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
15	Mrs. T Saraswathi	Assistant Professor, Dept of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

ANNUXERE I

he members discussed and the following points have been suggested:

.TECH(IT)-Regulation 2019 Curriculum and syllabi for 2nd Year(I and II SEM)

. The Board Members as suggested replacing the subject "Information System" to "Information Technology Essentials", as they observed basic to be known prior to advanced level.

2. The Board Members as suggested replacing the subject "Open Source Software Lab" to "Information Technology Essentials Lab", as they observed basic to be known prior to advanced level

ANNUXERE-I

Minutes of I[II] BoS Meeting-Action Taken Report

Suggestion given by expert members	Action Taken
The Board Members as suggested replacing the subject "Information System" to "Information Technology Essentials", as they observed basic to be known prior to advanced level.	Implemented
The Board Members as suggested replacing the subject "Open Source Software Lab" to "Information Technology Essentials Lab", as they observed basic to be known prior to advanced level.	Implemented

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Meeting of the Board of Studies

Department of Information Technology

Circular - VTMT/IT/BoS/Agenda/2019-2020/002

Date. 13.12.2019

The committee meeting will be held on 21.12.2019 at 10.00AM at Alexander Graham Bell Seminar Hall.

Agenda

The following points are lined up for discussion

1. Consideration and Approval of detailed Syllabi for III Semester B.Tech Information Technology as follows

Theory courses

a. Management Science
b. Differential Calculus
c. Analog and Digital communication
d. Data Structures
e. Computer Architecture
f. Object Oriented Programming

Practical

a. Data Structures Laboratory
b. Object Oriented Programming Laboratory
c. Inter Personal Skill Listening & Speaking

2. Consideration and Approval of detailed Syllabi for IV Semester B.Tech Information Technology as follows

Theory courses

a. Software Engineering and Design
b. Discrete Mathematics
c. Design and Analysis of Algorithms
d. Database Management Systems

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(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Meeting of the Board of Studies

Academic Year 2019-20

Minutes of Meeting – 002

Ref - VTMT/IT/BoS/MOM/2019-2020/002

Date: 21.12.2019

Time: 10:00 AM Venue: **Jagadish Chandra Bose** Seminar Hall

Members Present:

S. No	Name	Position in BOS	Nominated by	Designation
1	Dr. M.Suchithra	Chairman	Principal	Head & Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
2	Dr. S.Ramesh	Member	HoD	Professor, Department of Information Technology, Vel Tech Multi Tech Dr Rangarajan Dr.Sakunthala Engg. College
3	Dr. M Rajashkhanna	Member	HoD	Associate Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College
4	Mr. K.Immanuvel Arokia James	Member	HoD	Assistant Professor, Department of Information

				Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
5	Mr. R.Prabu	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
6	Mr. P.Robert	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
7	Mrs. P.Manjula	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
8	Mr. P.VijayAnand	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
9	Ms. K.VidyaLakshmi	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
10	Mrs. T. Saraswathi	Member	HoD	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
11	Dr. Vivekanandan	Member (Subject Expert)	Academic Council	Professor, Department of Computer Science and Engg.

				Pondicherry Engg. College, Puducherry
12	Dr. Dhanalakshmi	Member (Subject Expert)	Academic Council	Associate Professor, Department of Computer Science and Engg. National Institute of Tech., Puducherry
13	Dr. K.S.Easwarakumar	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Department of Computer Science and Engg., College of Engg., Guindy, Anna University, Chennai - 600025
14	Mr.R. Ravisankar	Member (Industry Expert)	Principal	X7 Computing Pvt. Ltd., Chennai
15	Mr. S.Senthamizh Kumaran	Member (PG Meritorious Alumnus)	Principal	Assistant Consultant, TCS

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed

Item 1: Consideration and Approval of detailed syllabi of following Courses for III Semester viz.,

Theory courses

a. Object Oriented Programming

b Operating Systems

c. Design and Analysis of Algorithms

Practical

a. Object Oriented Programming Laboratory

b. Operating Systems Laboratory

Resolution: Resolved to approve the detailed syllabi of following Courses for III Semester viz.,

Theory courses

a. Object Oriented Programming

b. Operating Systems

c. Design and Analysis of Algorithms

Practical

d Object Oriented Programming Laboratory

e. Operating Systems Laboratory

Item 2: Consideration and Approval of detailed syllabi of following Courses for IV Semester viz.,

Theory courses

a. Software Engineering

b. Computer Architecture

c. Database Management Systems

d. Data Structures

Practical

e. Database Management Systems Laboratory

f Data Structures Laboratory

Resolution: Resolved to approve the detailed syllabi of following Courses for IV Semester viz..

Theory courses

a Software Engineering

b. Computer Organization and Architecture

c. Database Management Systems

Practical

e. Database Management Systems Laboratory

f. Data Structures Laboratory

Item 3: The members suggested to include C Programming in Data Structures as it is mandatory for competitive exams

Resolution: Resolved to approve C Programming in Data Structures

Since there were no other points to be discussed, the meeting was concluded with vote of thanks proposed by Dr. M. Suchitra, Professor & Head, Department of Information Technology

CHAIRMAN

Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Board of Studies – Minutes of Meeting – Attendance

Venue: M/M 302 / Jagadish Chandra Bose Seminar Hall, Date: 21.12.2019 at 10.00am

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr M.Sucithra	Head & Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Chairman	
2	Dr. Vivekanandan	Professor, Department of Computer Science and Engg. Pondicherry Engg. College, Puducherry.	Member (Subject Expert)	
3	Dr Dhanalakshmi	Associate Professor, Departments of Computer Science and Engg. National Institute of Tech., Puducherry	Member (Subject Expert)	
4	Dr. K.S.Easwarakumar	Professor, Department of Computer Science and Engg., College of Engg., Guindy, Anna University, Chennai - 600025	Member (University Nominee)	
5	Mr R.Ravisankar	K7 Computing Pvt. Ltd., Chennai	Member (Industry Expert)	
6	Mr. S.Senthamizh Kumaran	Assistant Consultant, TCS	Member (PG Meritorious Alumnus)	
7	Dr. S.Ramesh	Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
8	Dr. M.Rajeshkhanna	Associate Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9	Mr R.Prabu	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
10	Mr. K. Immanuvel Arokia James	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

11	Mr P Robert	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr Rangarajan Dr.Sakunthala Engg. College	Member	
12	Ms P Manjula	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
13	Mr P VijayAnand	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
14	Ms K.VidyaLakshmi	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
15	Mrs. T Saraswathi	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

BoS 2020-2021

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Meeting of the Board of Studies

Department of Information Technology

Circular - VTMT/IT/BoS/Agenda/2020-2021/001

Date: 11.09.2020

The committee meeting will be held on 18.09.2020 at 2PM

Agenda

The following points are lined up for discussion

1. Consideration and Approval of detailed Syllabi for V Semester B.Tech Information Technology as follows

   Theory courses
   - a. Probability and Statistics
   - b. Micro Processor & Micro Controller
   - c. Total Quality Management
   - d. Web Technology
   - e. Computer Networks
   - f. Program Elective I

   Practical
   - a. Web Technology Laboratory
   - b. Computer Networks Laboratory
   - c. Micro Processor & Micro Controller Laboratory
   - d. Technical Seminar

2. Consideration and Approval of detailed Syllabi for VI Semester B.Tech Information Technology as follows

   Theory courses
   - a. Object Oriented Analysis and Design
   - b. Computer Graphics
   - c. Artificial Intelligence
   - d. Program Elective II

e. Open Elective I

Practical

a. Object Oriented Analysis and Design Laboratory
b. Computer Graphics Laboratory
c. Mini Project
d. Internship - II

3. Any other suggestions.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Meeting of the Board of Studies

Academic Year 2020-21

Minutes of Meeting – 001

Ref -VTMT/IT/BoS/MOM/2020-2021/001

Date: 18.09.2020

Time: 3:00 PM **Platform: Digital platform ZOOM.**

Members Present:

Sl. No.	Name	Position in BOS	Nominated by	Designation
1	Dr.M.RajeshKhanna	Chairman	Principal	Head &Professor, Department of Information Technology, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College
2	Mr. K.ImmanuvelArokia James	Member	HoD	Assistant Professor, Department of Information Technology, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College
3	Mr. R.Prabu	Member	HoD	Assistant Professor, Department of Information Technology, Vel TechMulti TechDr.RangarajanDr.Sakunthala Engg. College

4	Mr.P.Robert	Member	HoD	Assistant Professor, Department of Information Technology, Vel TechMultiTechDr.RangarajanDr.SakunthalaEngg. College
5	Mrs.P.Manjula	Member	HoD	Assistant Professor, Department of Information Technology, Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College
6	Mr.P.VijayAnand	Member	HoD	Assistant Professor, Department of Information Technology, Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College
7	Ms.K.VidyaLakshmi	Member	HoD	Assistant Professor, Department of Information Technology, Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College
8	Mrs. T. Saraswathi	Member	HoD	Assistant Professor, Department of Information Technology, Vel TechMulti TechDr.RangarajanDr.SakunthalaEngg. College
9	Ms.Rajeswari	Member	HoD	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.RangarajanDr.SakunthalaEngg. College
10	Mr.Padmanaban	Member	HoD	Assistant Professor, Dept. of Information Technology, Vel Tech Multi Tech Dr.RangarajanDr.SakunthalaEngg. College
11	Dr.Vivekanandan	Member	Academic Council	Professor, Department of

		(Subject Expert)		Computer Science and Engg. Pondicherry Engg. College, Puducherry
12	Dr.Dhanalakshmi	Member (Subject Expert)	Academic Council	Associate Professor, Department of Computer Science and Engg. National Institute of Tech., Puducherry
13	Dr. K.S.Esawarakumar	Member (University Nominee)	Director, Centre for Academic Courses	Professor, Department of Computer Science and Engg., College of Engg., Guindy, Anna University, Chennai - 600025
14	Mr.R.Ravisankar	Member (Industry Expert)	Principal	K7 Computing Pvt. Ltd., Chennai
15	Mr. S.SenthamizhKumaran	Member (PG Meritorious Alumnus)	Principal	Assistant Consultant, TCS

ANNUXERE I

The members discussed and the foilowing points have been suggested:

B.TECH (IT)-Regulation 2019 Curriculum and syllabi for Third Year (V and VI SEM)

For **Web Technology** and **Total Quality Management** text book the latest version can be included.

Since the finai year students will go through 6 months internship, the number of courses they are going through in that semester can be reduced.

Machine learning can be included in the semester with Probability and Queuing Theory or in the following semester.

Technical seminar can be assigned by credit and can be reflected in the mark sheet, if not it may be graded as whether it is satisfactory or not.

The **Computer graphics laboratory** must be removed from the syilabus.

in **Software Engineering laboratory** software tooi like rational rose, and for the testing tool junit must be inciuded.

The course objective must not exceed more than five. This is appiicable for the outcome of the course too. The both must be uniformly same for accreditation mapping.

Mini project must be done on web based environment, and in machine iearning concepts for the students to be aware of advanced technology.

In **Digital Image Processing** "Digitai image Processing second edition by Dr S Sridhar" can be included as a reference book.

For **Advanced JAVA** recent books must be inciuded as a text book.

Avoid using the word "expiain" in the outcome of the course.

The textbook and reference book in the syliabus must be the updated version of the books.

The courses like Machine Learning, Deep Learning (as eiective), Data Analytics, Data retrieval, Information security/ Data security can be included.

For **Web Technology** (Angular JS may include)

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed

Item 1: Consideration andApproval of Curriculum of Fifth Semester of B.Tech Information Technology Engineering students to be followed from the Academic year 2020-2021

Resolution: Resolved to approve the Curriculum of Fifth Semester of B.Tech Information Technology Engineering students to be followed from the Academic year 2020-2021

Item 2: Consideration and Approval of detailed syllabi of following Courses for V Semester viz.,

Theory courses

a. Problem Solving and Python Programming

b. Information Systems

Practical

c..Problem Solving and Python Programming Lab

d..Free Open Source Software: Practice Lab

Resolution: Resolved to approve the detailed syllabi of following Courses for V Semester viz.,

Theory courses

a. Problem Solving and Python Programming

b. Information Systems

Practical

c..Problem Solving and Python Programming Lab

d..Free Open Source Software: Practice Lab

Item 3: Consideration and Approval of detailed syllabi of following Courses for VI Semester viz.,

Theory courses

a.Object Oriented Programming using JAVA

b. Operating Systems

c. Design and Analysis of Algorithms

Practical

d. Object Oriented Programming using JAVA Laboratory

e. Operating Systems Laboratory

Resolution: Resolved to approve the detailed syllabi of following Courses for VI Semester viz.,

Theory courses

a.Object Oriented Programming using JAVA

b. Operating Systems

c. Design and Analysis of Algorithms

Practical

d. Object Oriented Programming using JAVA Laboratory

a. Operating Systems Laboratory

Since there were no other points to be discussed, the meeting was concluded with vote of thanks proposed by Dr. M. Suchitra, Professor & Head, Department of Information Technology

ANNUXERE-I

Minutes of 3rd BoS Meeting-Action Taken Report

Suggestion given by expert members	Action Taken
For **Web Technology** and **Total Quality Management** text book the latest version can be included.	**Implemented**
Since the final year students will go through 6 months internship, the number of courses they are going through in that semester can be reduced.	**Implemented**
Machine learning can be included in the semester with Probability and Queuing Theory or in the following semester.	**Implemented**
Technical seminar can be assigned by credit and can be reflected in the mark sheet, if not it may be graded as whether it is satisfactory or not.	**Implemented**
The **Computer graphics laboratory** must be removed from the syllabus	**Implemented**
For **Advanced JAVA** recent books must be included as a text book.	**Implemented**
Avoid using the word "explain" in the outcome of the course.	**Implemented**
The **textbook** and reference **book** in the syllabus must be the updated version of the books.	**Implemented**
The courses like Machine Learning, Deep Learning (as elective), Data Analytics, Data retrieval, Information security/ Data security can be included.	**Implemented**
For **Web Technology** (Angular JS may include)	**Implemented**
In **Software Engineering laboratory** software tool like rational rose, and for the testing tool jurit	**Implemented**

must be included.	
The course objective must not exceed more than five. This is applicable for the outcome of the course too. The both must be uniformly same for accreditation mapping	Implemented
Mini project must be done on web based environment, and in machine learning concepts for the students to be aware of advanced technology.	Implemented
In Digital Image Processing "Digital Image Processing second edition by Dr S Sridhar" can be included as a reference book.	Implemented

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Meeting of the Board of Studies

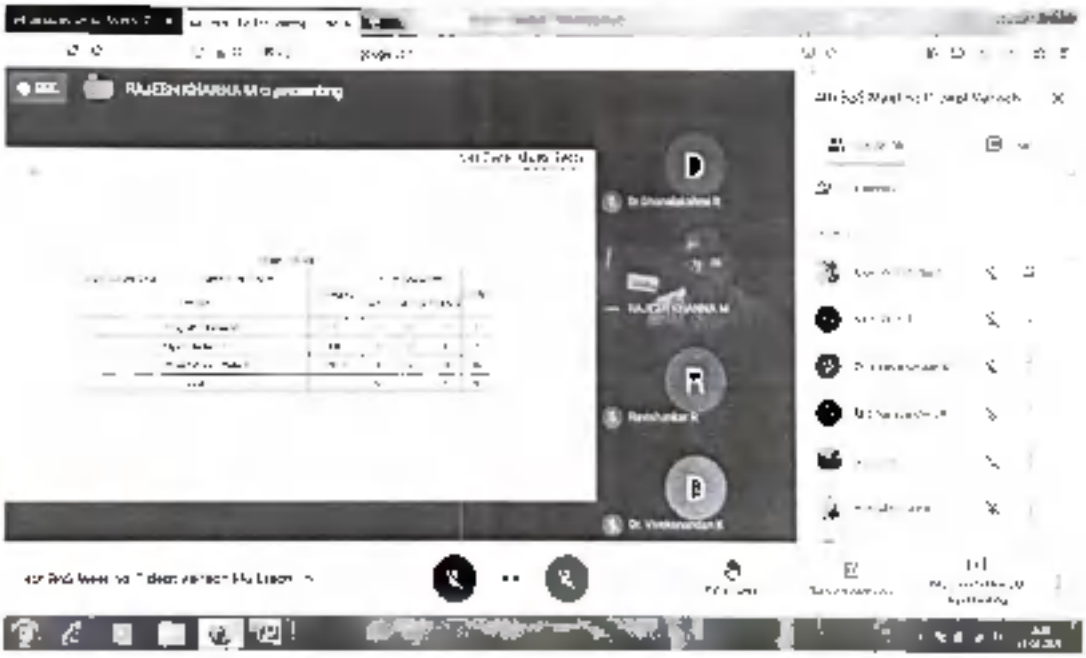
Academic Year 2020-21

Minutes of Meeting 002

Ref : VTMT/IT/BoS/MOM/2020-2021/002

Date: 17.02.2021

Time: 3:00 PM Meeting Link: http://meet.google.com/qkb-qged/mft



VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Meeting of the Board of Studies

Department of Information Technology

Circular - VTMT/IT/BoS/Agenda/2020-2021/002

Date: 10.02.2021

The committee meeting will be held on 17.02.2021 at 3 PM

Meeting Link: http://meet.google.com/qkb-qged/mft

Agenda

The following points are lined up for discussion

1. Consideration and Approval of detailed Syllabi for Open Elective-I (V Semester) B.Tech Information Technology as follows

    a. Principle of Telemedicine
    b. Industrial Waste Management
    c. Foundational Course on Entreneurship
    d. Energy Resources and Utilization
    e. Satellite Communication

2. Consideration and Approval of detailed Syllabi for Open Elective-II (VI Semester) B.Tech Information Technology as follows

    a. Robotics and Automation
    b. Energy Conservation and Management
    c. Design Thinking
    d. Advanced Course in Entreneurship
    e. Medical Electronics
    f. Sensor and Transducers

3. Any other suggestions.

BoS 2021-2022

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Meeting of the Board of Studies

Department of Information Technology

Circular - VTMT/IT/BoS/Agenda/2021-2022/001

Date: 04.09.2021

The committee meeting will be held on 11.09.2021 at 3 PM

Meeting Link: http://meet.google.com/qkb-qged/mft

Agenda

The following points are lined up for discussion

1. Consideration and Approval of detailed Syllabi for Open Elective-I (V Semester) B.Tech Information Technology as follows

    a. Principle of Telemedicine
    b. Industrial Waste Management
    c. Foundational Course on Entreneurship
    d. Energy Resources and Utilization
    e. Satellite Communication

2. Consideration and Approval of detailed Syllabi for Open Elective-II (VI Semester) B.Tech Information Technology as follows

    a. Robotics and Automation
    b. Energy Conservation and Management
    c. Design Thinking
    d. Advanced Course in Entreneurship
    e. Medical Electronics
    f. Sensor and Transducers

3. Any other suggestions.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Meeting of the Board of Studies

Academic Year 2021-22

Minutes of Meeting – 001

Ref - VTMT/IT/BoS/MOM/2021-2022/001

Date: 11.09.2021

Time: 3:00 PM Meeting Link: http://meet.google.com/qkb-qged/mft

ANNUXERE I

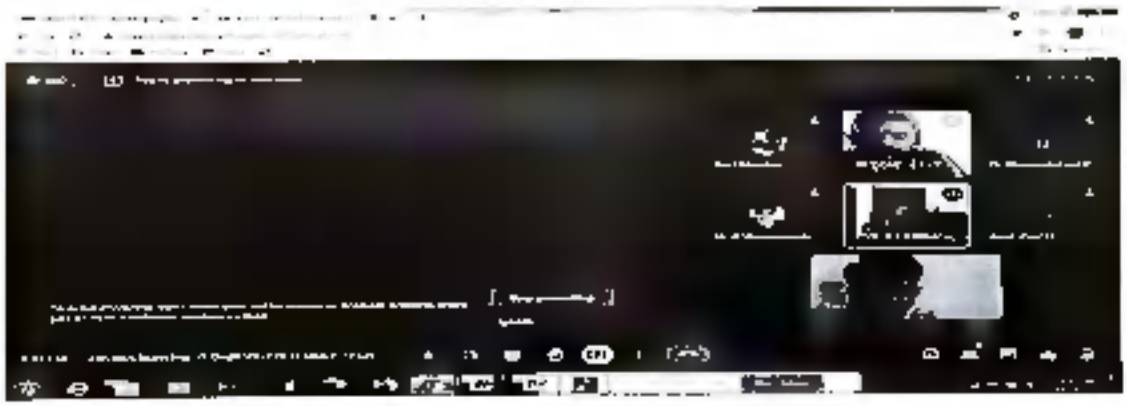
The members discussed and the following points have been suggested:

B.TECH(IT)-Regulation 2019 Curriculum and syllabi for Programme electives and Open electives

For **Computer Forensics** text book the latest version can be included.

Inquired about ANN and suggested to include a few topics of deep learning in the applications of ANN.

The courses like Machine Learning, Deep Learning (as elective), Data Analytics, Data retrieval, Information security/ Data security can be included.



ANNEXERE-I

Minutes of 4th BoS Meeting-Action Taken Report

Suggestion given by expert members	Action Taken
For **Computer Forensics** text book the latest version can be included.	**Implemented**
Inquired about ANN and suggested to include a few topics of deep learning in the applications of ANN	**Implemented**
The courses like Machine Learning, Deep Learning (as elective), Data Analytics, Data retrieval, Information security/ Data security can be included.	**Implemented**
In **Digital Image Processing** "Digital Image Processing second edition by Dr S Sridhar" can be included as a reference book.	**Implemented**

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Meeting of the Board of Studies

Department of Information Technology

Circular - VTMT/IT/BoS/Agenda/2021-2022/002

Date: 04.02.2022

The committee meeting will be held on 11.02.2022 at 3 PM

Meeting Link: http://meet.google.com/qkb-uged/mft

Agenda

The following points are lined up for discussion

1. Consideration and Approval of detailed Syllabi for Open Elective-I (VII Semester) B.Tech Information Technology as follows

    a. Basics of Bioinformatics
    b. Renewable Energy Sources
    c. Municipal Solid Waste Management
    d. Power Electronics and Drives
    e. Telecommunication Network Management
    f. Air Pollution and Control Engineering

2. Consideration and Approval of detailed Syllabi for Open Elective-II (VIII Semester) B.Tech Information Technology as follows

    a. Electronics in Medicine
    b. Lean Six Sigma
    c. Microcontroller Based System Design
    d. Disaster Management
    e. Medical Electronics
    f. Speech Signal Processing

3. Amendments in the study scheme of B.Tech(IT) Scheme (2019 Curriculum) for 7th & 8th semester
4. Any other suggestions.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Meeting of the Board of Studies

Academic Year 2021-22

Minutes of Meeting – 002

Ref - VTMT/IT/BoS/MOM/2021-2022/002

Date: 13.02.2022

Time: 3:00 PM Meeting Link: http://meet.google.com/qkb-qged/mft

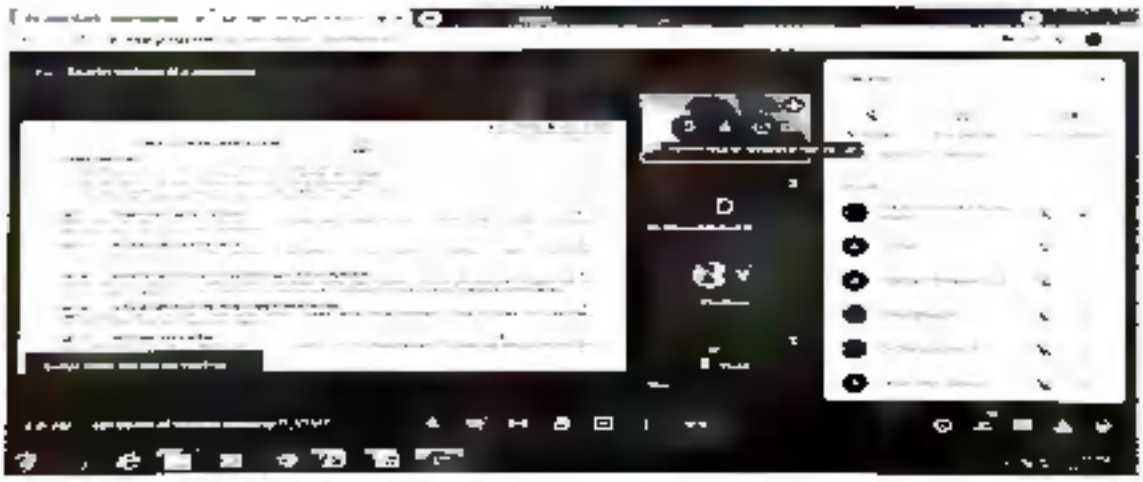
ANNUXERE I

The members discussed and the following points have been suggested:

B.TECH(IT)-Regulation 2019 Curriculum and syllabi for Open electives offered from other departments and by IT departments

Inquired about ML and suggested to include a few topics of data science and business analytics in the Machine Learning.

Inquired about AI and suggested to include a few Algorithms in the Artificial Intelligence.



ANNUXERE-I

Minutes of 6th BoS Meeting-Action Taken Report

Suggestion given by expert members	Action Taken
Inquired about ML and suggested to include a few topics of data science and business analytics in the Machine Learning.	Implemented
In AI Subjects, Members suggested to include a few Algorithms in the Artificial Intelligence.	Implemented

BoS 2022-2023

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Meeting of the Board of Studies

Department of Information Technology

Circular - VTMT/IT/BoS/Agenda/2022-2023/001

Date: 14.12.2022

The committee meeting will be held on 17.12.2022 at 10.00AM

Agenda

The following points are lined up for discussion

1. Consideration and Approval of the Program,Naalaiya Tiran, offered by Anna University in Association with the Department of Information and Technology, Government of Tamil Nadu. It is applicable to the Departments of CSE, IT & ECE.
2. Consideration and Approval of courses offered by Anna University in Association with the Government of Tamil Nadu, under the program called Naan Mudhalvan, to be included in the current curriculum (R2019) for all the branches of study as to be formulated by the Govt of Tamil Nadu.
3. Consideration and Approval of Internal and External mark allocation from the academic year 2021-2022 onwards. (60 marks Internal & 40 marks external for Laboratory courses & 40 marks Internal & 60 marks external for Theory courses)
4. Consideration and Approval of Relative grading for the theory courses for the students admitted from 2021 onwards & Absolute grading for Practical courses.
5. Consideration and Approval for the revised Regulation 2023 of B.Tech-Information Technology from the academic year 2023-2024 onwards.
6. Consideration and Approval for Amendment to the admitted students 2021 for B.E. / B. Tech. degree Programme - Anna University – award of UG
7. B.Tech Honours in the same discipline
8. B.Tech Honours with Different verticals
9. B.Tech Minor in other specialization
10. Any other suggestions.

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Meeting of the Board of Studies

Academic Year 2022-23

Minutes of Meeting – 001

Ref -VTMT/IT/BoS/MOM/2022-2023/001

Date. 17.12.2022

Time: 10:00 AM

Meeting link. meet.google.com/ari-yuuu-efc

ANNUXERE I

The members discussed and the following points have been suggested:

B.TECH (IT) Regulation 2023 Curriculum

The Members suggested to add Biology in Engineering as a Subject in 1st or 2nd Semester

Members inquired about Web Essentials and suggested to Change as Web Technology

Inquired about 3D Printing and Design and advised to change as Addictive Manufacturing Technology

Members Suggested to change Neural Network and Deep learning and financial accounting subject to Neural Network and Deep Learning

The Members Advised to include more Lab Integrated Courses

Members Suggested to change lab credit as 2

Inquired about Data Structure and Machine Learning credits and suggested to change 3 lecture hours

Suggested to add Design thinking Elective related to Industry

ANNEXERE-I

Minutes of 7th BoS Meeting-Action Taken Report

Suggestion given by expert members	Action Taken
The Members suggested to add Biology in Engineering as a Subject in 1st or 2nd Semester	Implemented
Members Inquired about Web Essentials and suggested to Change as Web Technology	Implemented

Inquired about 3D Printing and Design and advised to change as Addictive Manufacturing Technology	Implemented
Members Suggested to change Neural Network and Deep learning and financiai accounting subject to Neural Network and Deep Learning	Implemented
The Members Advised to include more Lab Integrated Courses	Implemented
Members Suggested to change lab credit as 2	Implemented
Inquired about Data Structure and Machine Learning credits and suggested to change 3 lecture hours	Implemented
Suggested to add Design thinking Elective related to Industry	Implemented

BoS 2023-2024

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Department of Information Technology

Meeting of the Board of Studies

Academic Year 2023-24

Minutes of Meeting – 001

Ref -VTMT/IT/BoS/Agenda/2023 2024/001

Date: 02.09.2023

Time: 10:00 AM

Meeting link: meet.google.com/mou-sfjg hag

ANNUXERE I

The members discussed and the follow ng points have been suggested.

B.TECH (IT)-Regulation 2023 Curriculum

Dr. Dhanalakshmi mam advised to follow blooms taxonomy

Dr. Dhanalakshmi mam Suggested to add more mini projects in Phython Laboratory

Dr. Dhanalakshmi mam advised to Change Course outcomes in Programming in C Laboratory

Dr. K.S.Selvaraju sir Suggested to add dictionaries in Phython Jab

Dr. Dhanalakshmi mam suggested to add malware analysis in cyber security

Mr. K. Ravishankar sir Suggested to generate AI code in lab courses

Mr. S.Senthamizh Kumaran sir advised to ensure that they don't study the subject in twice

VEL TECH MULTI TECH Dr.RANGARAJAN Dr.SAKUNTHALA
ENGINEERING COLLEGE
An Autonomous Institution
Department of Information Technology

MEETING OF THE BOARD OF STUDIES

Circular-VTMT/IT/BoS/Agenda/2023-2024/001 **Date: 28.08.2023**

The committee meeting will be held on **02-09-2023** at **10AM** by **Hybrid mode.**

To join the video meeting, click this link: https://meet.google.com/vng-pkmx-gnt?hs=151

Venue: JAGDISH CHANDRA BOSE HALL.

AGENDA

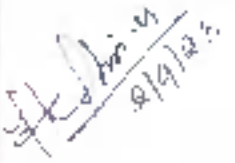
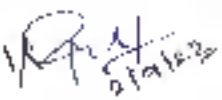
The following points are lined up for discussion,

- Consideration and Approval for the **Syllabus** of Semester-I and Semester-II of B Tech - Information Technology (2023 Regulation).
- Inclusinn of "தமிழரும் தொழில்நுட்பமும் / Tamils and Technology", in Semester III for Information Technology, of 2019 **Curriculum** for 2022-23 batch.
- Consideration and **Approval** of **Syllabus** of Honours / Minor Degree / Professional Elective Verticals of B.Tech – Information Technology from 2021-22 batch onwards
- Any other suggestions

Chairman

Sl. No.	Name	Position in BOS	Designation	Signature
1	Dr. V Suresh Kumar	Chairman	Head & Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg. College	
2	Dr. Ka. Selvaradjou	Member (University Nominee)	Professor, Department of Computer Science and Engg., Puducherry Technological University, Puducherry	
3	Dr.K. Vivekanandan	Member (Subject Expert)	Professor, Department of Computer Science and Engineering, Pondicherry Engineering College, Puducherry.	
4	Dr.R.Dhanalakshmi	Member (Subject Expert)	Associate Professor, Department of Computer Science and Engineering, IIIT, Tiruchirappalli	Attended by online
5	Mr.K.Ravishankar	Member (Industry Expert)	K7 Computing.	Attended by online
6	Mr S.Senthamizh Kumaran	Post Graduate Alumnus	Assistant Consultant, TCS.	Attended by Online
7	Dr M Rajesh Khanna	Member	Associate Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
8	Dr. P.Subhashini	Member	Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr Sakunthala Engg	

			College	
9	Dr.K.Immanuvel Arokia James	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
10	Dr D.Stalin David	Member	Associate Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
11	Mr. R.Prabu	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr Rangarajan Dr.Sakunthala Engg. College	28/9/24
12	Ms.K.Vidhyalakshmi	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
13	Ms J Manju	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
14	Mrs. S.Madhavi	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr Rangarajan Dr Sakunthala Engg. College	27/9/24
15	Mrs. S.Sangeetha	Member	Assistant Professor, Department of Information Technology,	

			Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
16	Mrs. U.Harshwardhini	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
17	Mr.S.Johnpaul	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg College	
18	Ms. A.Rajalakshmi	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
19	Ms. V.Revathi	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
20	Mrs.S Sri Nandhini Kowsalya	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	
21	Mrs.M.Soniya	Member	Assistant Professor, Department of Information Technology, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Board of Studies

Department of Mechanical Engineering

Minutes of Meeting - 001

Ref No: VTMT/MECH/BoS/Minutes/2019-2020/001

Time: 10.00 AM Venue: Henry Ford Seminar Hall Date: 06.07.2019

Members Present:

Sl. No.	Name	Designation & Address
1	Dr. V.Valasamudram	Head & Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
2	Dr. V.Balasubramaniam	Professor, Department of Manufacturing Engg., Annamalai University, Chidambaram
3	Dr. V.Kumaresan	Associate Professor, Institute of Energy Studies, Department of Mechanical Engg., Anna University, Chennai - 600025
4	Dr. P.Parthiban	Associate Professor, Department of Production Engg., National Institute of Technology, Tiruchirappalli
5	Mr. B.Venkatraman	Director, Gainex R & D Solutions Pvt Ltd, Chennai.
6	Dr. M.Thiruchitrambalam	Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
7	Dr. S.Palani	Associate Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
8	Dr. S.T.Selvamani	Associate Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
9	Dr. S.Muthu Kumar	Associate Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
10	Mr. D.Vijaya Kumar	Associate Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
11	Mr. K.A.Harish	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
12	Mr. M.Selvam	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
13	Mr. R.Paul Linga Prakash	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
14	Mr. A. AlaguSundaraPandian	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College
15	Mr. M. Logesh	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed

Item 1: Consideration and Approval of Rules and Regulations 2019 for B.E/B.Tech Degree Programmes to be followed from the Academic year, 2019-2020
Resolution: Resolved to approve the Rules and Regulations 2019 for B.E/B.Tech Degree Programmes to be followed from the Academic year, 2019-2020

Item 2: Consideration and Approval of Curriculum of First year - First Semester and Second Semester of B.B Mechanical Engineering students to be followed from the Academic year, 2019-2020

Resolution: Resolved to approve the Curriculum of First year - First Semester and Second Semester of B.B Mechanical Engineering students to be followed from the Academic year, 2019-2020

Item 3: Consideration and Approval of detailed syllabi of Group B of Basics of Civil and Mechanical Engineering for First Semester of B.E. Mechanical Engineering, Biomedical Engineering, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and B.Tech Information Technology

Resolution: Resolved to approve the detailed syllabi of Group B of Basic Civil and Mechanical Engineering for all B.E./B.Tech degree programmes is renamed as per suggestions

Item 4: Consideration and Approval of detailed syllabi of Engineering Graphics for First Semester of B.E. Mechanical Engineering, Biomedical Engineering, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and B.Tech Information Technology

Resolution: Resolved to approve the detailed syllabi of Engineering Graphics for First Semester Biomedical Engineering, Civil Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Second semester Computer Science and Engineering and Information Technology and Mechanical Engineering

Item 5: Consideration and Approval of detailed syllabi of following Courses for Second Semester

i. Free Body Mechanics
ii. Metal Casting and Forming Process
iii. Engineering Thermodynamics

Resolution: Resolved to approve the detailed syllabi of following Courses for Second Semester as per suggestions

i. Free Body Mechanics is renamed as Engineering Mechanics
ii. Metal Casting and Forming Process is renamed as Manufacturing Technology -I
iii. Engineering Thermodynamics is to be considered for Third Semester

Item 6: Consideration and Approval of detailed syllabi of Strength of Material and Material Science Laboratory for Second Semester

Resolution: Resolved to approve the detailed syllabi of Strength of Material and Material Science Laboratory is to be considered for Third Semester

Item 7: Consideration and Approval of detailed syllabi of Group A of Workshop i.e., Mechanical Engineering portion for Second Semester of B.E. Mechanical Engineering, Biomedical Engineering, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and B.Tech Information Technology

Resolution: Resolved to approve the detailed syllabi of Group A Part II of Engineering Practices Laboratory of First year-First Semester (Computer Science and Engineering and Information Technology) and Second semester of Biomedical Engineering, Civil Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering.

Item 8: Consideration and Approval of Panel of Examiners for Theory and Practical Examination for UG course B.E Mechanical Engineering

Resolution: Resolved to approve the Panel of Examiners for Theory and Practical Examination for UG course B.E Mechanical Engineering

Item 9: Consideration and Approval of Board of Examiners for UG course B.E Mechanical Engineering

Resolution: Resolved to approve the Board of Examiners for UG course B.E Mechanical Engineering

Since there were no other points to be discussed, the meeting was concluded with vote of thanks proposed by Dr. V. Valasamudram, Head, Department of Mechanical Engineering.

CHAIRMAN

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr. V.Valasamudram	Head & Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Chairman	
2	Dr. V.Balasubramaniam	Professor, Department of Manufacturing Engg., Annamalai University, Chidambaram	Member (Subject Expert)	
3	Dr. V.Kumaresan	Associate Professor, Institute of Energy Studies, Department of Mechanical Engg., Anna University, Chennai - 600025	Member (University Nominee)	
4	Dr. P.Parthiban	Associate Professor, Department of Production Engg., National Institute of Technology, Tiruchirappalli	Member (Subject Expert)	
5	Mr. B.Venkatraman	Director, Gainex R & D Solutions Pvt Ltd, Chennai.	Alumni - Post Graduate Alumnus	
6	Dr.M.Thiruchitrambalam	Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
7	Dr. S.Palani	Associate Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
8	Dr. S.T.Selvamani	Associate Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
9	Dr. S.Muthu Kumar	Associate Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
10	Mr. D.Vijaya Kumar	Associate Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
11	Mr. K.A.Harish	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous institution affiliated to Anna University)

Meeting of the Board of Studies

Department of Mechanical Engineering

Circular- VTMT/MECH/BoS/Agenda/2019-2020/002

Date: 11.12.2019

The committee meeting will be held on 21.12.2019 at 10.00AM at Henry Ford Seminar Hall.

Agenda

The following points are lined up for discussion

1. Consideration and Approval of curriculum for Semester III and Semester IV of B.E Mechanical Engineering to be followed from academic year, 2019-2020.

2. Consideration and Approval of Syllabi of Engineering Thermodynamics, Fluid Mechanics and Machinery, Manufacturing Technology II, Engineering Metallurgy and Manufacturing Technology Laboratory for Semester III.

3. Consideration and Approval of Syllabi of Kinematics of Machinery , Computer Aided Design and Manufacturing, Thermal Engineering, Strength of materials for mechanical engineers, Computer Aided Machine Drawing Laboratory, Strength of materials and fluid Mechanics Laboratory for Semester IV.

4. Consideration and Approval of Internship/ Training - I for Semester IV.

5. Any other points relevant to the continuous improvement of curriculum for B.E Mechanical Engineering to be followed from academic year, 2019-2020.

CHAIRMAN

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Board of Studies
Department of Mechanical Engineering
Minutes of Meeting - 002

Ref No: VTMT/MECH/BoS/Minutes/2019-2020/002

Time: 10:00 AM Venue: Henry Ford Seminar Hall Date: 21.12.2019

Members Present:

Sl No.	Name	Designation & Address
1	Dr. V.Valasamudram	Professor & Head , Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
2	Dr. V.Kumaresan	Professor & Head, Refrigeration & Air Conditioning Division, CEG campus, Anna University, Chennai 600025
3	Mr.N. Lakshminarasimhan	General Manager (HR), Brakes India Pvt. Limited, Padi, Chennai
4	Mr. B.Venkatramani	Director, Gainex R & D Solutions Pvt. Ltd, Chennai
5	Dr. M.Thiruchitrambalam	Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
6	Dr. S.Ravi	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
7	Dr. S.Palani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
8	Dr. S.T.Selvamani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
9	Dr. S.Muthu Kumar	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
10	Mr. D.Vijaya Kumar	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
11	Mr. R.A.Harish	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
12	Mr. M.Selvam	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
13	Mr. S.Lakshmanan	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
14	Mr. R.Paul Jinga Prakash	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
15	Mr. A.Alagu Sundara Pandian	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
16	Mr. M. Logesh	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

The points mentioned in the agenda were taken up for discussion and the following resolutions were passed.

Item 1: Consideration and approval of Curriculum for Semester-III and Semester-IV of B.E Mechanical Engineering to be followed from academic year, 2019-2020.

Resolution: Resolved to approve the Curriculum for Semester-III and Semester-IV of B.E Mechanical Engineering to be followed from academic year, 2019-2020.

Item2: Consideration and approval of detailed syllabi of Fluid Mechanics and Machinery, Engineering Thermodynamics, Manufacturing Technology-II, Engineering Metallurgy and Manufacturing Technology Laboratory for Semester-III.

Resolution: Resolved to approve detailed syllabi of Fluid Mechanics and Machinery, Engineering Thermodynamics, Manufacturing Technology-II, Engineering Metallurgy and Manufacturing Technology Laboratory, in addition with the above courses, Fluid Mechanics and Machinery Laboratory course is approved to be included for Semester-III.

Item 3: Consideration and approval of detailed syllabi of Kinematics of Machinery, Computer Aided Design and Manufacturing, Thermal Engineering, Strength of Materials for Mechanical Engineers, Computer Aided Machine Drawing Laboratory, Strength of Materials and Fluid Mechanics Laboratory for Semester IV.

Resolution: Resolved to approve the detailed syllabi of Kinematics of Machinery, Computer Aided Design and Manufacturing, Thermal Engineering, Strength of Materials for Mechanical Engineers, Computer Aided Machine Drawing Laboratory, Strength of Materials Laboratory for Semester IV.

Item 4: Consideration and Approval of Internship/ Training -I for Semester IV.

Resolution: Resolved to approve the Internship/ Training -I for Semester IV.

Since there were no other points to be discussed, the meeting was concluded with vote of thanks proposed by Dr. V. Valasamudram, Professor & Head, Department of Mechanical Engineering.

CHAIRMAN

Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr. V.Valasamudram	Professor & Head , Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Chairman	
2	Dr. V.Kumaresan	Professor & Head, Refrigeration & Air Conditioning Division, CEG campus Anna University, Chennai - 600025	Member (University Nominee)	
3	Mr.N. Lakshminarasimhan	General Manager (HR), Brakes India Pvt. Limited, Padi, Chennai	Member (Industry Expert)	
4	Mr. B.Venkatraman	Director, Gainex R & D Solutions Pvt. Ltd, Chennai	Alumni - Post Graduate Alumnus	
5	Dr. M.Thiruchitrambalam	Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
6	Dr. S.Ravi	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
7	Dr. S.Palani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
8	Dr. S.T.Selvamani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
9	Dr. S.Muthu Kumar	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	

10	Mr. D.Vijaya Kumar	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
11	Mr. K.A.Harish	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
12	Mr. M.Selvam	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
13	Mr. S.Lakshmanan	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
14	Mr. R.Paul Linga Prakash	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
15	Mr.A.AlaguSundaraPandian	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
16	Mr. M. Logesh	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Board of Studies

Department of Mechanical Engineering

Minutes of Meeting - 003

Ref No: VTMT/MECH/BoS/Minutes/2020-2021/003

Time: 10:30 AM Venue: Video conference Date: 16.09.2020

Members Present:

Sl. No.	Name	Designation & Address
1	Dr. S. Muthu Kumar	Head & Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
2	Dr. V. Balasubramaniam	Professor, Department of Manufacturing Engineering, Annamalai University, Chidambaram
3	Dr. V. Kumaresan	Associate Professor & Head (i/c), Refrigeration & Air conditioning Division, Department of Mechanical Engineering, Anna University Chennai - 600025
4	Dr. P. Parthiban	Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli
5	Mr.N. Lakshminarasimhan	General Manager (HR), Brakes India Pvt. Limited, Padi, Chennai
6	Mr. B. Venkatraman	Director, Gainex R & D Solutions Pvt. Ltd, Chennai.
7	Dr. S. Palani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
8	Dr. S.T. Selvamani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
9	Mr. D. Vijaya Kumar	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
10	Mr. K.A. Harish	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
11	Mr. M. Selvam	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
12	Mr. S. Lakshmanan	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
13	Mr. R Paul Linga Prakash	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
14	Mr. A. AlaguSundaraPandian	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
15	Mr. M. Logesh	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed.

Item 1: Consideration and approval of curriculum for Semester V and Semester VI of B.E Mechanical Engineering to be followed from academic year, 2020-2021

Resolution: Resolved to approve the curriculum for Semester V and Semester VI of B.E Mechanical Engineering to be followed from academic year, 2020-2021

Item2: Consideration and approval of Syllabi of Design of Machine Elements, Metrology and Measurements, Dynamics of Machines, Metrology and Measurements Laboratory, and Kinematics and Dynamics Laboratory for Semester-V

Resolution: Resolved to approve Syllabi of Design of Machine Elements, Metrology and Measurements, Dynamics of Machines, Metrology and Measurements Laboratory, and Kinematics and Dynamics Laboratory for Semester-V

Item 3: Consideration and approval of Syllabi of Design of Transmission Systems, Heat and Mass Transfer, Finite Element Analysis, Finite Element Method Laboratory, Thermal Engineering Laboratory for Semester VI

Resolution: Resolved to approve the Syllabi of Design of Transmission Systems, Heat and Mass Transfer, Finite Element Analysis, Finite Element Method Laboratory, Thermal Engineering Laboratory for Semester VI

Item 4: Consideration and approval of Syllabi of Automobile Engineering, Business Analytics, Computer Integrated Manufacturing, Fundamentals of Nano Science, and Entrepreneurship Development for Professional Elective-I for Semester V

Resolution: Resolved to approve Syllabi of Automobile Engineering, Business Analytics, Computer Integrated Manufacturing, Fundamentals of Nano Science, and Entrepreneurship Development for Professional Elective-I for Semester V

Item 5: Consideration and approval of Syllabi of Gas Dynamics and Jet Propulsion, Hydraulics and Pneumatics, Intellectual Property Rights, Professional Ethics in Engineering, and Welding Technology for Professional Elective -II for Semester VI

Resolution: Resolved to approve Syllabi of Gas Dynamics and Jet Propulsion, Hydraulics and Pneumatics, Intellectual Property Rights, Professional Ethics in Engineering, and Welding Technology for Professional Elective -II for Semester VI

Item 6: Consideration and approval of Syllabi of Refrigeration and Air conditioning, Renewable Sources of Energy, Systems Engineering, Total Quality Management, and Unconventional Machining Processes for Professional Elective-III for Semester VI

Resolution: Resolved to approve Syllabi of Refrigeration and Air conditioning, Renewable Sources of Energy, Systems Engineering, Total Quality Management, and Unconventional Machining Processes for Professional Elective-III for Semester VI

Item 7: Consideration and Approval of Syllabi of Advanced Materials, Design Thinking, Energy Conservation and Management, Lean Six Sigma, Material Science and Technology, Renewable Energy Sources and Testing of Materials, for Open Elective offered to students of other branches

Resolution: Resolved to approve Syllabi of Advanced Materials, Design Thinking, Energy Conservation and Management, Lean Six Sigma, Material Science and Technology, Renewable Energy Sources and Testing of Materials, for Open Elective offered to students of other branches

Item 8: Consideration and Approval of Syllabi of Engineering Graphics for Semester-I of B.Tech Computer Science and Business Systems Engineering, B.Tech Artificial Intelligence and Data Science

Resolution: Resolved to approve Syllabi of Engineering Graphics for Semester-I of B.Tech Computer Science and Business Systems Engineering, B.Tech Artificial Intelligence and Data Science

Item 9: Consideration and Approval of Syllabi of Engineering Graphics for Semester-II of B.E - Robotics and Automation for 2020-2021 admitted students

Resolution: Resolved to approve Syllabi of Engineering Graphics for Semester-II of B.E – Robotics and Automation for 2020-2021 admitted students

Item10: Consideration and Approval of Syllabi of Engineering Practices Laboratory for Semester-I of B.Tech Computer Science and Business Systems Engineering, B.Tech Artificial Intelligence and Data Science, B.E - Robotics and Automation

Resolution: Resolved to approve Syllabi of Engineering Practices Laboratory for Semester-I of B.Tech Computer Science and Business Systems Engineering, B.Tech Artificial Intelligence and Data Science, B.E - Robotics and Automation

Item11: Consideration and Approval of Internship/ Training -II for Semester VI for B.E Mechanical Engineering

Resolution: Resolved to approve Internship/ Training -II for Semester VI for B.E Mechanical Engineering

Since there were no other points to be discussed, the meeting was concluded with vote of thanks *proposed* by Dr. S Muthu kumar, Head, Department of Mechanical Engineering.

CHAIRMAN

Computer Science and Business Systems Engineering, B.Tech Artificial Intelligence and Data Science

9. Consideration and Approval of Syllabi of Engineering Graphics for Semester-II of B.E. - Robotics and Automation.

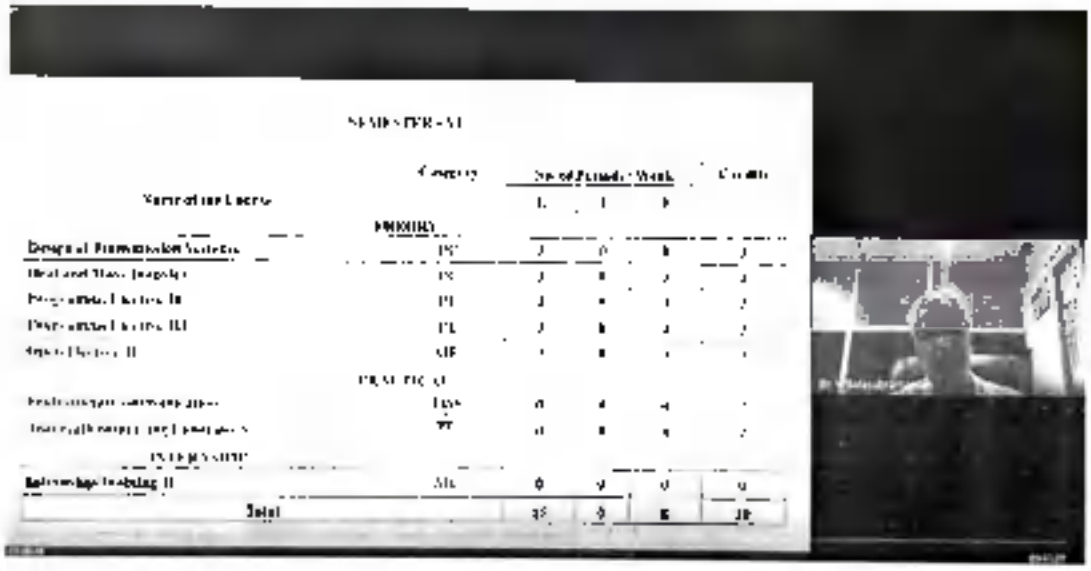
10. Consideration and Approval of Syllabi of Engineering Practices Laboratory for Semester-II of B.Tech Computer Science and Business Systems Engineering, B.Tech Artificial Intelligence and Data Science, and B.E - Robotics and Automation.

11. Consideration and Approval of Internship/ Training -II for Semester VI for B.E Mechanical Engineering.

12. Any other points relevant to the continuous improvement of curriculum for B.E Mechanical Engineering.

CHAIRMAN

Vel Tech Multi Tech
A WARM WELCOME TO
THE MEMBERS OF THE BOARD OF STUDIES
of
Department of Mechanical Engineering
3rd Board of Studies meeting 16.09.2020 at 10.30 AM



SEMESTER - VI

Name of the Course	Category	No. of Periods / Week			Credits
		L	T	P	
THEORY					
Design of Transmission Systems	PC	3	0	0	3
Heat and Mass Transfer	PC	3	0	0	3
Programme Elective-II	PE	3	0	0	3
Programme Elective-III	PE	3	0	0	3
Open Elective-II	OE	3	0	0	3
PRACTICAL					
Professional Communication	HSS	0	0	4	2
Thermal Engineering Laboratory	PC	0	0	4	2
INTERNSHIP					
Internship Training II	MC	0	0	0	0
Total		15	0	8	19

SEMESTER - VI

Name of the Course	Category	No. of Periods / Week			Credits
		L	T	P	
THEORY					
Design of Transmission Systems	PC	3	0	0	3
Heat and Mass Transfer	PC	3	0	0	3
Programme Elective-II	PE	3	0	0	3
Programme Elective-III	PE	3	0	0	3
Open Elective-II	OE	3	0	0	3
PRACTICAL					
Professional Communication	HSS	0	0	4	2
Thermal Engineering Laboratory	PC	0	0	4	2
INTERNSHIP					
Internship Training II	MC	0	0	0	0
Total		15	0	8	19

SEMESTER VI

Name of the Course	Category	No. of Periods / Week			Credits
		L	T	P	
THEORY					
Design of Transmission Systems	PC	3	0	0	3
Heat and Mass Transfer	PC	3	0	0	3
Programme Elective-II	PE	3	0	0	3
Programme Elective-III	PE	3	0	0	3
Open Elective-II	OE	3	0	0	3
PRACTICAL					
Professional Communication	HSS	0	0	4	2
Thermal Engineering Laboratory	PC	0	0	4	2
INTERNSHIP					
Internship Training II	MC	0	0	0	0
Total		15	0	8	19

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

(An Autonomous Institution affiliated to Anna University)

Meeting of the Board of Studies

Department of Mechanical Engineering

Minutes of Meeting - 003

Ref No: VTMT/MECH/BoS/Minutes/2020-2021/004

Time: 10:30 AM Venue: Video conference Date: 20.02.2021

Members Present:

Sl. No.	Name	Designation & Address
1	Dr. S. Muthu Kumar	Head & Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
2	Dr. V. Balasubramaniam	Professor, Department of Manufacturing Engineering, Annamalai University, Chidambaram
3	Dr. V. Kumaresan	Associate Professor & Head (i/c), Refrigeration & Air conditioning Division, Department of Mechanical Engineering, Anna University, Chennai - 600025
4	Dr. P. Parthiban	Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli
5	Mr.N. Lakshminarasimhan	General Manager (HR), Brakes India Pvt. Limited, Padi, Chennai
6	Mr. C. Ashok Sundar	PG Diploma in Logistics and Supply Chain Management, Canadore International College of Business and Technology, Can
7	Dr. S. Palani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech M Tech Dr.Rangarajan Dr.Sakunthala Engineering College
8	Dr. S.T. Selvamani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
9	Mr. D. Vijaya Kumar	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
10	Mr. K.A. Harish	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
11	Mr. M. Selvam	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
12	Mr. S. Lakshmanan	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
13	Mr. R.Paul Linga Prakash	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
14	Mr. A. AlaguSundaraPandian	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
15	Mr. M. Logesh	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

The points mentioned in the Agenda were taken up for discussion and the following resolutions were passed.

Item 1: Consideration and approval of curriculum for Semester VII and Semester VIII of B.E Mechanical Engineering to be followed from academic year, 2020-2021

Resolution: Resolved to approve the curriculum for Semester VI and Semester VIII of B.E Mechanical Engineering to be followed from academic year, 2020-2021

Item2: Consideration and approval of Syllabi of Principles of Management, Power Plant Engineering and Design and Fabrication Project for Semester VII.

Resolution: Resolved to approve Syllabi of Principles of Management, Power Plant Engineering and Design and Fabrication Project for Semester VII.

Item 3: Consideration and approval of Project Work for Semester VIII.

Resolution: Resolved to approve Project Work for Semester VIII.

Item 4: Consideration and approval of Syllabi of Composite Materials and Mechanics, Computational Fluid Dynamics, Design of Jigs Fixtures and Press Tools, Mechatronics, Supply Chain Management for Professional Elective-IV for Semester VII.

Resolution: Resolved to approve of Syllabi of Composite Materials and Mechanics, Computational Fluid Dynamics, Design of Jigs Fixtures and Press Tools, Mechatronics, Supply Chain Management for Professional Elective-IV for Semester VII.

Item 5: Consideration and approval of Syllabi of Industrial Safety Engineering, Noise Vibration and Harshness, Non Destructive Testing and Evaluation, Operations Research, and Product Design and Development for Professional Elective -V for Semester VII

Resolution: Resolved to approve Syllabi of Industrial Safety Engineering, Noise Vibration and Harshness, Non Destructive Testing and Evaluation, Operations Research, and Product Design and Development for Professional Elective -V for Semester VII.

Item 6: Consideration and Approval of Syllabi of Engineering Economics, Internet of Things for Mechanical Engineering, Maintenance Engineering, Production Planning and Control and Robotics for Automation for Professional Elective-VI for Semester VIII.

Resolution: Resolved to approve Syllabi of Engineering Economics, Internet of Things for Mechanical Engineering, Maintenance Engineering, Production Planning and Control and Robotics for Automation for Professional Elective-VI for Semester VIII.

Item 7: Consideration and Approval of Technical Seminar for Semester VII for B.E Mechanical Engineering.

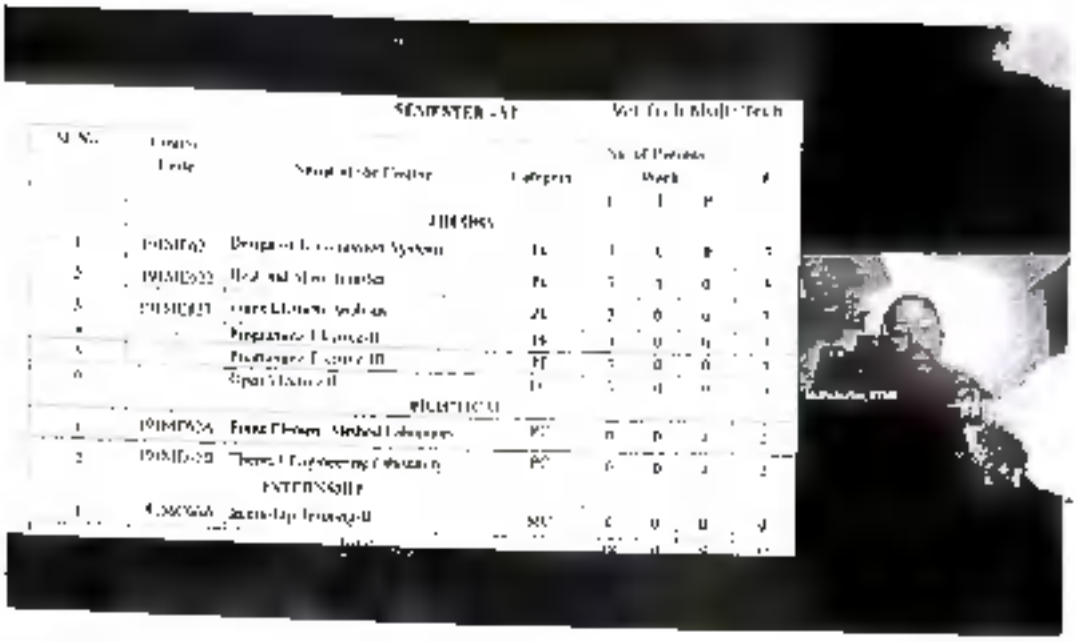
Resolution: Resolved to approve Technical Seminar for Semester VII for B.E Mechanical Engineering.

Since there were no other points to be discussed, the meeting was concluded with vote of thanks proposed by Dr. S.Muthu kumar, Head, Department of Mechanical Engineering.

CHAIRMAN

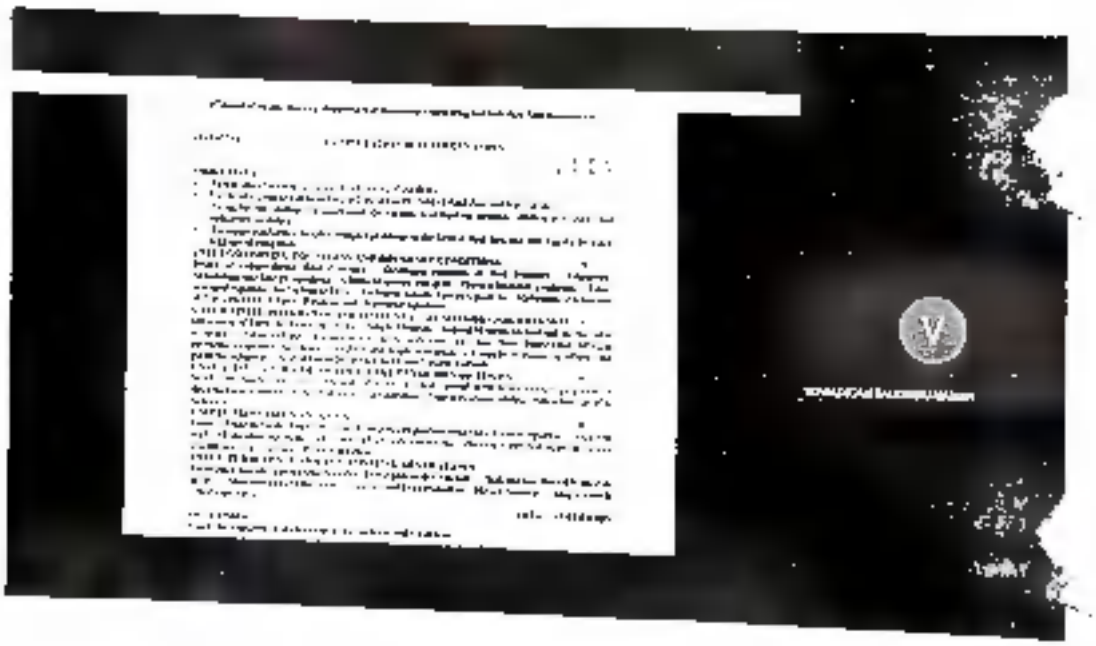
Sl. No.	Name	Designation & Address	Position in BOS	Signature
1	Dr. S. Muthu Kumar	Head & Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Chairman	
2	Dr. V. Balasubramaniam	Professor, Department of Manufacturing Engineering, Annamalai University, Chidambaram	Member (Subject Expert)	
3	Dr. V. Kumaresan	Associate Professor & Head (i/c), Refrigeration & Air conditioning Division, Department of Mechanical Engineering, Anna University, Chennai - 600025	Member (University Nominee)	
4	Dr. P. Parthiban	Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli	Member (Subject Expert)	
5	Mr.N. Lakshminarasimhan	General Manager (HR), Brakes India Pvt. Limited, Padi, Chennai	Member (Industry Expert)	
6	Mr. C. Ashok Sundar	PG Diploma in Logistics and Supply Chain Management, Canadore International College of Business and Technology Canada	Alumni - Post Graduate Alumnus	
7	Dr. S. Palani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
8	Dr. S.T. Selvamani	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
9	Mr. D. Vijaya Kumar	Associate Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
10	Mr. K.A. Harish	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	

11	Mr. M. Selvam	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
12	Mr. S. Lakshmanan	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
13	Mr. R. Paul Linga Prakash	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
14	Mr.A. Alagusundara Pandian	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	
15	Mr. M. Logesh	Assistant Professor, Dept. of Mechanical Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Member	



SEMESTER - VI

Sl. No.	Course Code	Name of the Course	Category	No. of Periods Week			#
				L	T	P	
		THEORY					
1	[illegible]	Design of Information Systems	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Heat and Mass Transfer	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		Programme Elective-II	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		Programme Elective-III	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		Open Elective-II	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		PRACTICAL					
1	[illegible]	Front Element Method Laboratory	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Theory of Engineering Laboratory	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		ENTERNSHIP					
1	[illegible]	Internship Training-II	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



12	Mr. M.Selvam	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
13	Mr. R.Paul Linga Prakash	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
14	Mr.A.AlaguSundataPandian	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	
15	Mr. M. Logesh	Assistant Professor, Dept. of Mechanical Engg., Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engg. College	Member	