



# NPR

## COLLEGE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

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### CRITERION 6 - GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### Key Indicator 6.1 INSTITUTIONAL VISION AND LEADERSHIP

**Metric No 6.1.1** The Government of the Institution is reflective of an effective leadership in tune with the vision and mission of the Institution.

Sl. No	Contents	File
1	Academic Year 2023-24	Governing Council meeting
2		Academic Council meeting
3		Institution Vision and Mission mapping
4		Department Vision and Mission mapping



PRINCIPAL

**Dr. R. MARUTHU KANNAN, M.E., Ph.D.,**

Principal

NPR College of Engineering and Technology  
Natham, Dindigul Dt-624 401

# **Governing Council Meeting Minutes 2023-24**



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### GOVERNING BODY

Dr. J. SUNDARARAJAN, Member Secretary

04.10.2023

The minutes of the Governing Body meeting held on 04.10.2023 are as follows:

#### Constitution of Governing Body

S/N.	Name, Designation & Address	Category/Association
1.	Mr. P. Janakar, Managing Trustee, Titan Educational Trust, Chennai.	Management
2.	Mr. R. Mohan Kumar, Trustee, Titan Educational Trust, Chennai.	
3.	Dr. A. Gopi Saminathan, HoD-ECE & Director Academics (i/c) NPR College of Engineering & Technology, Natham.	Senior teachers of the college nominated by Principal
4.	Dr. T. Priya, Professor - Mathematics, Deputy Controller of Examinations, NPR College of Engineering & Technology, Natham.	
5.	Mr. M. Sivakumar, Chief Administrative Officer, NPR College of Engineering & Technology, Natham.	Administrative Officer/Senior Administrative Staff
6.	Dr. A. Elayaperumal, Director, Centre for Affiliation of Institutions, Anna University, Guindy, Chennai – 600025.	Educationist nominated by the management
7.	Dr. P. K. Palani, Principal, Alagappa Chettiar Government College of Engineering & Technology, Karaikudi.	State Government Nominee
8.	Dr. S. Chitrakala, Professor, Department of Computer Science and Engineering, CEG Campus, Anna University, Chennai – 600 025.	University Nominee
9.	Dr. J. Sundararajan, Principal, NPR College of Engineering & Technology, Natham.	Member Secretary

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### GOVERNING BODY

Dr. J. SUNDARARAJAN, Member Secretary

Item. No.	Agenda	Points Discussed/ Resolution
16.01.00	Welcoming the members	Chairman of the Governing Body and Managing Trustee of the Institution Mr. P. Janakar, welcomed all the members present for the Governing Body meeting.
16.02.00	<b>NPRCET – Statutory policies and regulation related matters</b>	
16.02.01	Principal Presentation	<ol style="list-style-type: none"><li>1. Principal gave a detailed presentation highlighting the glimpses of the institutions</li><li>2. It was informed by the principal that the college has been granted NAAC 'A' grade with 3.25 CGPA during November 2021 for the period of 5 years from 2021 to 2026 and also Autonomous status during February 2022 for a period of 10 years from 2023 to 2032.</li><li>3. Principal gave information about the number of Ph. D holders and the number of faculty members pursuing Ph.D.</li></ol>
16.02.02	To inform the Principal's nominee and institution's nominee in the Governing Body	<p>The Committee approved the teachers of the college nominated by the principal:</p> <ol style="list-style-type: none"><li>1. Dr. A. Gopi Saminathan, Prof &amp; Head-ECE and Director Academics (i/c).</li><li>2. Dr. T. Priya, Prof - Mathematics and Deputy CoE.</li></ol> <p>The Committee approved the Educationist nominated by the institution:</p> <ol style="list-style-type: none"><li>3. Dr. A. Elayaperumal, Director – CAI, Anna University, Chennai.</li></ol>
16.02.03	Conformation of the minutes of the XV meeting of Governing council.	Read and approved.
16.02.04	Action taken report	Read and approved

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### GOVERNING BODY

**Dr. J. SUNDARARAJAN, Member Secretary**

16.02.05	To consider and approve in the formation of Academic Council	Governing Body approved the following academicians to be experts (outside college nominated by Governing Body) in Academic Council as mentioned in <b>Annexure -1</b> .
16.02.06	To consider and approve the academicians to be experts in the formation of Board of Studies (BoS).	Governing Body approved the following academicians to be experts (outside the parent university) in the Board of Studies of the departments as mentioned in <b>Annexure-2</b> .
16.02.07	To inform the Board of Studies members of each department	Principal informed the Anna University nominee for the Board of Studies of the departments as mentioned in <b>Annexure-3</b> .
16.02.08	To consider and approve the formation of finance committee and members	The Committee approved Mr. B. Baskaran, Accountant as the member of the finance committee. Moreover Mr. K. Aruna Senthil Kumar, Co-ordinator – IQAC has been nominated by the Governing Body as a member of the finance committee.
16.02.09	To inform the University nominee of the finance committee of the institution	Principal informed that Anna University has nominated Dr. V. Joseph Paul Raj, Professor & Head (i/c), Department of Management Studies, Anna University Regional Campus-Madurai as University nominee for the finance committee of our institution.
16.02.10	To inform the change of name of the existing Governing Council of the institution as Governing Body further.	The members resolved and ratified that the existing Governing Council of the institution will be termed as Governing Body hereinafter, as per the UGC guidelines, and considered as same and one another for pragmatic purposes.





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### GOVERNING BODY

Dr. J. SUNDARARAJAN, Member Secretary

16.03.00	Administrative Activities	
16.03.01	To inform about the steps taken for appointment of teaching faculty/ Administrative and Non-teaching staff as per the AICTE/ Autonomous norms	The advertisement for faculty, non-teaching staff and administrative staff for recruitment was given in the newspaper/job portal/Regional Apps
16.03.02	To inform the Governing Body about the appointment of Director Academics(i/c)	Dr. A. Gopi Saminathan, HoD-ECE was appointed as the Director Academics(i/c) and takes care of all academic related activities. The committee approved the appointment.
16.03.03	To inform the Governing Body about the appointment of Controller of Examinations (CoE)	Dr. S. Ramachandran was appointed as the Controller of Examinations (CoE) and takes care of all examination related activities. The committee approved the appointment.
16.03.04	To inform the Governing Body about the appointment of Deputy Controller of Examinations	Dr. T. Priya, Professor-Mathematics and Mr. S. Shanthakumar, AP-Civil were appointed as the Deputy Controller of Examinations who assist CoE in taking care of all examination related activities. The committee approved the appointment.
16.03.05	To inform the Governing Body about the proposed organogram structure	Organogram structure was shown. Read and approved
16.03.06	To inform the Governing Body about the various policies of the institution	Appraised and approved
16.04.00	Admissions	
16.04.01	To inform the Governing Body about the competitions arranged for the students of Government and Government Aided Schools.	In order to motivate the talents/skills of the school students and to create an awareness of the scope of Engineering and opportunities in the different fields of engineering. Moreover, It is planned to conduct the same in the Academic Year 2023-2024 also and it was approved by the Committee.
16.04.02	To inform the Governing Body about the competitions arranged for the students of Matriculation/CBSE/ICSE Schools.	

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### GOVERNING BODY

Dr. J. SUNDARARAJAN, Member Secretary

16.05.00	Academic Activities	
16.05.01	To consider and approve the proposed curriculum for all UG and PG programmes of the institution for autonomous batches from the Academic Year 2023-2024 onwards.	The Curriculum for all UG and PG programmes and syllabi (for 1 <sup>st</sup> year) from 2023-2024 batches were approved by the Board of Studies of all departments and then reviewed and approved by the Academic Council.
16.06.00	Finance	
16.06.01	To review and approve the annual accounts for the financial year 2022-2023	The annual accounts for the financial year 2022-2023 which was approved by the Finance Committee of the institution is further reviewed and ratified.
16.06.02	To consider and approve the budget for the financial year 2023-2024.	The budget for the financial year 2023-2024 which was approved by the Finance Committee of the institution is further reviewed and ratified.
16.07.00	Proposed Activities during the Academic Year 2023-2024	
16.07.01	To ratify the proposed activities of Intellectual Property Rights (IPR) Cell, Entrepreneurship Development Cell (EDC), Women Development Cell (WDC), Internal Quality Assurance Cell (IQAC), Planning and Monitoring Board, Anti-ragging Committee, Internal Complaints Committee, SC/ST Committee, Discipline and Welfare Committee, Placement and Training Cell, Institution's Innovation Council, Library Advisory Committee, Research & Development Cell, Fine Arts Club and Alumni of the institution.	Reviewed and Ratified.

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### GOVERNING BODY

**Dr. J. SUNDARARAJAN, Member Secretary**

16.07.02	To ratify the proposed Industry-Institute Interaction activities, Faculty Development Programmes, Workshops, Seminars, Webinars, Guest Lecture, Alumni Interaction, HR Connect Programmes of all the departments of the institution.	Reviewed and Ratified.
16.07.03	To ratify the proposed activities of Staff recruitment according to the sanctioned intake	Reviewed and Ratified.
16.08.00	<b>Examinations</b>	
16.08.01	To ratify the guidelines for examinations to maintain standards under the autonomy of the institution.	Principal explained the various aspects of examination system and procedures to be followed for the conduct of examination under the autonomy of the institution.
16.08.02	To ratify the Examination policy	Reviewed and Ratified
16.09.00	To inform the Governing Body about the MoU signed with foreign university	Principal informed about the MoU signed with Cihan University, Iraq on 27.07.2023 in view of Institution's initiative towards global perspective.
16.10.00	Accolades and Recognition	The members appreciated the faculty members and staff for their contribution and efforts taken for getting autonomous status and recognition as host institute for implementation of incubation component under MSME Innovation Scheme.
16.11.00	Any other matters	Our Governing Body members who are the University Nominee Prof. Dr. S. Chitrakala and State Government Nominee Dr. P. K. Palani, Principal, ACGCET in common suggested to give importance to research activities, Publications, get grants and to convert the patents published into granted ones.

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### GOVERNING BODY

Dr. J. SUNDARARAJAN, Member Secretary

### Annexure -1

S/N.	Name, Designation & Address	Academicians (for Academic Council) to be experts outside the college nominated by Governing Body (Name, Designation & Address)
1.	Dr. S. Bose, Professor – Dept. of CSE, College of Engineering, Guindy, Chennai.	Subject Expert from outside the College
2.	Dr. M. Bhaskar, Professor – Dept. of ECE, National Institute of Technology, Trichy.	
3.	Mr. Vignesh Paramasivam, Campus Requirement Lead, Tata Consultancy Services, Chennai.	Industry Expert
4.	Mr. Karthikeyan Nagarajan, Senior Technical Expert, Schneider Electric, Chennai.	

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### GOVERNING BODY

Dr. J. SUNDARARAJAN, Member Secretary

#### Annexure -2

S/N.	Name of the Boards	Academicians (in Board of Studies) to be experts outside college nominated by Governing Body (Name, Designation & Address)
1.	Faculty of Civil Engineering	Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli.
		Dr. K. Mahendran, Professor, Department of Civil Engineering, Gandhigram Rural Institute, Dindigul.
2.	Faculty of Mechanical Engineering	Dr. R. Sudhakara Pandian, Professor, Department of Manufacturing Engineering, School of Mechanical Engineering, VIT University, Vellore Campus, Katpadi - 632014.
		Dr. M. Adam Khan, Professor, Mechanical Engineering, Kalasalingam Academy of Research and Education, Krishnankoil, Virudhunagar.
3.	Faculty of Computer Science and Engineering and Information Technology	Dr. S. Sreether Associate Professor, School of Computer Science and Engineering, Vellore Institute of Technology, Vellore.
		Dr. K. Saravanan, Professor, Department of Information Science and Engineering, New Horizon College of Engineering, Bangalore.
4.	Faculty of Electrical Engineering	Dr. P. Raja, Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli.
		Dr. P. K. Dhal, Professor, Department of Electrical Engineering, Vel Tech University, Chennai.





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### GOVERNING BODY

**Dr. J. SUNDARARAJAN, Member Secretary**

### Annexure -2 (Continued)

S/N.	Name of the Boards	Academicians (in Board of Studies) to be experts outside college nominated by Governing Body (Name, Designation & Address)
5.	Faculty of Electronics and Communication Engineering	Dr. G. Thavasi Raja, Associate Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Tiruchirappalli.
		Dr. M. Lordwin Cecil Prabahar, Associate Professor, Department of Electronics and Communication Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D IST, Chennai.
6.	Faculty of Science and Humanities	Dr. S. Mekala, Associate Professor, Department of Humanities and Social Sciences, National Institute of Technology (NIT), Tiruchirappalli.
		Dr. V. Lakshmana Gomathi Nayagam, Associate Professor & Head, Department of Mathematics, National Institute of Technology, Tiruchirappalli.
		Dr. N. Gopalakrishnan, Professor, Department of Physics, National Institute of Technology, Tiruchirappalli.
		Dr. R. Karvembu, Professor, Department of Chemistry, National Institute of Technology (NIT), Tiruchirappalli.
7.	Faculty of Management Studies	Dr. C. K. Muthukumaran, Professor, Department of Management Studies, Alagappa Institute of Management, Alagappa University, Karaikudi.
		Dr. Manjula Nagarajan, Professor (Chairperson - Admission), Department of Management Studies, Thiagarajar School of Management, Madurai.





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### GOVERNING BODY

Dr. J. SUNDARARAJAN, Member Secretary

### Annexure -3

S/N.	Name of the Boards	Anna University Nominee for the Board of Studies of Departments (Name, Designation & Address)
1.	Faculty of Civil Engineering	Dr. R. Ponnudurai, Associate Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai.
2.	Faculty of Mechanical Engineering	Dr. K. Linga Durai, Professor & Head (i/c), Department of Mechanical Engineering, Anna University Regional Campus, Madurai-625019.
3.	Faculty of Computer Science and Engineering and Information Technology	Dr. V. Ramya, Associate Professor, Department of Computer Science and Engineering, Government College of Engineering, Bodinayakanur.
4.	Faculty of Electrical Engineering	Dr. V. Saravanan, Professor, Department of Electrical and Electronics Engineering, Thiagarajar College of Engineering, Madurai.
5.	Faculty of Electronics and Communication Engineering	Dr. R. A. Alaguraja, Professor, Department of Electronics and Communication Engineering, Thiagarajar College of Engineering, Madurai.
6.	Faculty of Science and Humanities	Dr. A. Tamilselvi, Professor Department of English, Thiagarajar College of Engineering, Madurai.
7.	Faculty of Management Studies	Dr. V. Joseph Paul Raj, Professor & Head (i/c), Department of Management Studies, Anna University Regional Campus, keelakuilkudi, Madurai.

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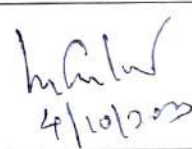
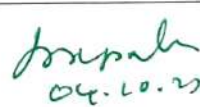




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S/N.	Name, Designation & Address	Category/Association	Signature
1.	Mr. P. Janakar, Managing Trustee, Titan Educational Trust, Chennai.	Management	 4/10/23
2.	Mr. R. Mohan Kumar, Trustee, Titan Educational Trust, Chennai.		ABSENT
3.	Dr. A. Gopi Saminathan, HoD-ECE & Director Academics (i/c) NPR College of Engineering & Technology, Natham.	Teachers of the college nominated by Principal	
4.	Dr. T. Priya, Professor - Mathematics, Deputy Controller of Examinations, NPR College of Engineering & Technology, Natham.		T. Priya 4/10/23
5.	Mr. M. Sivakumar, Chief Administrative Officer, NPR College of Engineering & Technology, Natham.	Administrative Officer/Senior Administrative Staff	 4/10/23
6.	Dr. A. Elayaperumal, Director, Centre for Affiliation of Institutions, Anna University, Guindy, Chennai - 600025.	Educationist nominated by the management	ABSENT
7.	Dr. P. K. Palani, Principal, Alagappa Chettiar Government College of Engineering & Technology, Karaikudi.	State Government Nominee	 04.10.23
8.	Dr. S. Chitrakala, Professor, Department of Computer Science and Engineering, CEG Campus, Anna University, Chennai - 600 025.	University Nominee	 04/10/23
9.	Dr. J. Sundararajan, Principal, NPR College of Engineering & Technology, Natham.	Member Secretary	 4/10/23

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# **Academic Council Meeting Minutes 2023-24**

09.09.2023

### FIRST MEETING OF THE ACADEMIC COUNCIL

The first Academic Council meeting was held on 9<sup>th</sup> September 2023 at 10.00 a.m. in the Board Room under the Chairmanship of Dr. J. Sundararajan, Principal.

The following members were present for the meeting:

S/N.	Name and Affiliation
<b>Chairman</b>	
1.	Dr. J. Sundararajan, Principal, NPRCET.
<b>Anna University Nominee</b>	
2.	Dr. V. M. Shanthi, Principal, Govt. College of Engg., Srirangam, Sethurapatti village, Trichy.
3.	Dr. S. Sendhilnathan, Professor, Dept. of S & H, University College of Engineering, Pattukottai.
4.	Dr. S. Parthasarathy, Prof. & Head, Dept. of Data Science, Thiagarajar College of Engineering, Madurai.
<b>Subject Expert from Outside the College</b>	
5.	Dr. S. Bose, Professor – Dept. of CSE, College of Engineering, Guindy, Chennai.
6.	Dr. M. Bhaskar, Professor – Dept. of ECE, National Institute of Technology, Trichy.
<b>Industry Expert</b>	
7.	Mr. Vignesh Paramasivam, Campus Recruitment Lead, Tata Consultancy Services, Chennai.
8.	Mr. Karthikeyan Nagarajan, Senior Technical Expert, Schneider Electric, Chennai.
<b>Members</b>	
9.	Dr. A. Hemalatha, HoD / Civil
10.	Dr. K. Ramanan, HoD/ CSE
11.	Dr. K. Kanimozhi, HoD/ EEE
12.	Dr. A. Gopi Saminathan, HoD/ ECE & Director – Academics (i/c)
13.	Dr. T. Saravana Kannan, HoD/MECH
14.	Dr. M. Jenifer, HoD/AI&DS
15.	Mrs. C. Kalpana, HoD/IT
16.	Dr. B. Velmurugan, HoD/MBA
17.	Dr. P. S. Satheesh Kumar, HoD/Physics
18.	Dr. N. Prabakaran, HoD/Chemistry
19.	Dr. M. Sridharan, HoD/Maths
20.	Dr. R. Raghupathi, HoD/English
21.	Dr. S. Manivasan, First Year Co-ordinator
22.	Dr. M. Ameena Banu, Prof./ECE
23.	Dr. P. Kanirajan, Prof./EEE
24.	Dr. S. Paul Singarayar, Asso. Prof./Mech
25.	Dr. T. Priya, Prof./Maths
26.	Dr. T. Ramachandran, Controller of Examinations
27.	Mr. K. Aruna Senthil Kumar, IQAC Co-ordinator

Academic Council

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MoM

  
**Dr. J. SUNDARARAJAN,**  
 B.E., M.Tech., Ph.D.  
 Principal

N.P.R. College of Engineering & Technology  
 Natham, Dindigul - 624 401



### Agenda & Minutes of the first Academic Council meeting

1	The Chairperson of the Academic Council Dr. J. Sundararajan, Principal welcomed the members.
2	<b>Business brought forward by the Director Academics:</b>
2:1	<p>To consider the instructions of Anna University to introduce the Tamil courses - Heritage of Tamils and Tamils and Technology for the students admitted in the UG programmes from academic year 2023-24 onwards.</p> <p><i>This comes into effect for the student, admitted from the Academic Year 2023 – 2024 onwards in Regulations 2023 in all UG programmes.</i></p>
2.2	<p>To consider the recommendations of the different Boards of Studies to introduce Regulations 2023 for Under Graduate and Post Graduate Degree Programmes as given in <b>Annexure – A, B &amp; C.</b></p> <p><i>This comes into effect for the student, admitted from the Academic Year 2023 – 2024 onwards in Regulations 2023 in all UG &amp; PG Programmes.</i></p>
2.3	<p>To approve the Subject Experts from outside Anna university, Chennai for the Boards of Studies of Science and Humanities, Civil Engineering, Computer Science and Engineering, Artificial Intelligence and Data Science, Information Technology, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, Master of Business Administration as given in <b>Annexure – D.</b></p> <p><i>The Academic Council members approved the Subject Experts from outside Anna university, Chennai for all the Boards of Studies of UG &amp; PG Programmes.</i></p>
3	<b>Business brought forward by the respective Boards of Studies:</b>
3.1	<p>To consider the recommendations of the <b>Board of Studies of Science and Humanities</b> with the detailed syllabus of I and II semesters for all UG Degree Programmes as given in <b>Annexure – E.</b></p> <p><i>The meeting of the <b>Board of Studies of Science and Humanities</b> was held on 31<sup>st</sup> August 2023. The Academic Council members approved the minutes of the Board of Studies meeting and Dr. P. S. Satheesh Kumar will move the resolution number 3.1.</i></p> <p><i>This comes into effect for the students admitted from the academic year 2023-24 onwards.</i></p>
3.2	<p>To consider the recommendations of the <b>Board of Studies of Civil Engineering</b> with the curriculum for III to VIII semesters for B.E. (Civil Engineering) Degree Programme as given in <b>Annexure – F.</b></p> <p><i>The meeting of the First <b>Board of Studies of Civil Engineering</b> was held on 29<sup>th</sup> August 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. A. Hemalatha will move the resolution number 3.2.</i></p>





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*This comes into effect for the students admitted from the academic year 2023-24 onwards.*

3.3

To consider the recommendations of the **Board of Studies of Computer Science and Engineering** with the curriculum for III to VIII semesters for B.E. (Computer Science and Engineering) Degree Programme as given in **Annexure – G**.

*The meeting of the Board of Studies of Computer Science and Engineering was held on 1<sup>st</sup> September 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. K. Ramanan will move the resolution number 3.3.*

*This comes into effect for the students admitted from the academic year 2023-24 onwards.*

3.4

To consider the recommendations of the **Board of Studies of Electrical and Electronics Engineering** with the curriculum for III to VIII semesters for B.E. (Electrical and Electronics Engineering) Degree Programme as given in **Annexure – H**.

*The meeting of the Board of Studies of Electrical and Electronics Engineering was held on 31<sup>st</sup> August 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. K. Kanimozhi will move the resolution number 3.4.*

*This comes into effect for the students admitted from the academic year 2023-24 onwards.*

3.5

To consider the recommendations of the **Board of Studies of Electronics and Communication Engineering** with the curriculum for III to VIII semesters for B.E. (Electronics and Communication Engineering) Degree Programme as given in **Annexure – I**.

3.5.1

*The meeting of the Board of Studies of Electronics and Communication Engineering was held on 31<sup>st</sup> August 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. A. Gopi Saminathan will move the resolution number 3.5.1*

*This comes into effect for the students admitted from the academic year 2023-24 onwards.*

3.5.2

To consider the recommendations of the **Board of Studies of Electronics and Communication Engineering** with the curriculum for I to IV Semesters M.E. (VLSI Design) Degree Programme as given in **Annexure – J**.

*The meeting of the Board of Studies of Electronics and Communication Engineering was held on 31<sup>st</sup> August 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. A. Gopi Saminathan will move the resolution number 3.5.2*

*This comes into effect for the students admitted from the academic year 2023-24 onwards.*

3.6

To consider the recommendations of the **Board of Studies of Mechanical Engineering** with the curriculum for III to VIII semesters for B.E. (Mechanical Engineering) Degree Programme as given in **Annexure – K**.

*The meeting of the Board of Studies of Mechanical Engineering was held on 1<sup>st</sup> September 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. T. Saravana Kannan will move the resolution number 3.6.*





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	<i>This comes into effect for the students admitted from the academic year 2023-24 onwards.</i>
3.7	<p>To consider the recommendations of the <b>Board of Studies of Artificial Intelligence and Data Science</b> with the curriculum for III to VIII semesters for B.Tech. (Artificial Intelligence and Data Science) Degree Programme as given in <b>Annexure – L</b>.</p> <p><i>The meeting of the <b>Board of Studies of Artificial Intelligence and Data Science</b> was held on 1<sup>st</sup> September 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. K. Ramanan will move the resolution number 3.7.</i></p> <p><i>This comes into effect for the students admitted from the academic year 2023-24 onwards.</i></p>
3.8	<p>To consider the recommendations of the <b>Board of Studies of Information Technology</b> with the curriculum for III to VIII semesters for B.Tech. (Information Technology) Degree Programme as given in <b>Annexure – M</b>.</p> <p><i>The meeting of the <b>Board of Studies of Information Technology</b> was held on 1<sup>st</sup> September 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. K. Ramanan will move the resolution number 3.8.</i></p> <p><i>This comes into effect for the students admitted from the academic year 2023-24 onwards.</i></p>
3.9	<p>To consider the recommendations of the <b>Board of Studies of Master of Business Administration</b> with the curriculum for III to VIII semesters for MBA (Master of Business Administration) Degree Programme as given in <b>Annexure – N</b>.</p> <p><i>The meeting of the <b>Board of Studies of Master of Business Administration</b> was held on 29<sup>th</sup> August 2023. The Academic Council members approved the minutes of the Board of Studies and Dr. B. Velmurugan will move the resolution number 3.9.</i></p> <p><i>This comes into effect for the students admitted from the academic year 2023-24 onwards.</i></p>
4	<b>Any other matters:</b>
4.1	<b>Suggestions given by Dr. V. M. Shanthi – University Nominee – through Online mode</b>
4.1.1	<p>Inquired about handling of Engineering Graphics course whether to handle manually or any other software tools used.</p> <p><i>Already Engineering Graphics course was handled manually and decided to continue as it is.</i></p>
4.1.2	<p>Discussed about the credits given to the courses offered by SWAYAM platform.</p> <p><i>It was mentioned in Clause no. 4.8.3 of Regulations 2023.</i></p>
4.2	<b>Suggestions given by Dr. S. Sendhilnathan – University Nominee</b>
4.2.1	<p>It was suggested to implement separate valuation scheme for inhouse and industry project.</p> <p><i>It will be considered and submitted to next BoS meeting for approval.</i></p>



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4.2.2	<p>It was suggested to plan the total hours utilized for internal assessment without affecting the hours required to complete the syllabus.</p> <p><i>Without affecting the hours required to complete the syllabus, the internal assessments will be conducted only during the first two hours followed by regular classes.</i></p>
4.2.3	<p>Discussed about the credits given to the courses offered by SWAYAM platform.</p> <p><i>It was mentioned in Clause no. 4.8.3 of Regulations 2023.</i></p>
4.3	<b>Suggestions given by Dr. S. Parthasarathy – University Nominee</b>
4.3.1	<p>It was suggested to consider the absentees for internal assessment to conduct under valid reasons. (Medical illness/On Duty)</p> <p><i>It was mentioned in Clause no. 12.1.2 of Regulations 2023.</i></p>
4.3.2	<p>It was suggested that getting recommendation from course instructor for applying revaluation process is not mandatory.</p> <p><i>It may be considered and submitted for approval in the next revision of Regulations 2023.</i></p>
4.3.3	<p>It was suggested to get the feedback from regular students, Alumni and course instructors before doing addition/deletion of any content or course while framing the syllabus.</p> <p><i>Already the feedback system is in practice and was followed effectively while framing the syllabus and also for the improvement of teaching learning process.</i></p>
4.4	<b>Suggestions given by Dr. S. Bose – Academic Expert</b>
4.4.1	<p>It was recommended to maintain the standard of assignments, seminar and mini project which will be considered as part of internal assessment.</p> <p><i>Already the rubrics were framed and followed effectively for these assessment methods.</i></p>
4.4.2	<p>Inquired about the process of conducting End Semester Examinations (Question Paper Setting, Scrutiny, Valuation and Hall Invigilators)</p> <p><i>The process of conducting End Semester Examination like 100% of External Examiners for Question Paper Setting, Scrutiny, Valuation and 50% of External Examiners for Hall Invigilation and 100% of External Examiners for Practical End Semester Examinations was explained.</i></p>
4.5	<b>Suggestions given by Dr. M. Bhaskar – Subject Expert</b>
4.5.1	<p>It was recommended to consider Quiz, MCQs and online platform for assessment instead of descriptive test depends on the course.</p> <p><i>It may be considered while deciding the assessment methods for every course by the respective course instructor.</i></p>



4.5.2	It was recommended to consider project work as optional subject in future if the student earned that much of credits in advance.
	<i>It may be considered during the next revision of Regulations.</i>
4.5.3	It was recommended to include the statement related to higher studies in Vision and Mission
	<i>It may be considered for the discussion in the forthcoming stakeholders meeting for revision.</i>
4.5.4	It was suggested to provide assessment flexibility for faculty to conduct Quiz, MCQs, etc. instead of descriptive test to improve the analytical knowledge of students.
	<i>It may be considered while deciding the assessment methods for every course by the respective course instructor.</i>
4.6	<b>Suggestions given by Mr. Karthikeyan Nagarajan – Industrial Expert</b>
4.6.1	It was suggested to reduce the descriptive type of test and to give more online based assessments to improve the skills on fundamental concepts.
	<i>Online based assessments may be considered while deciding the assessment methods for every course by the respective course instructor.</i>
4.6.2	It was suggested to invite external guide from industry through online mode during project reviews for the students doing industry projects.
	<i>Project coordinator regularly invites external guide through online mode from industry during reviews.</i>
4.6.3	It was suggested to conduct MCQ assessment method as part of rubrics for Mini Project/Internship/ In plant Training, etc.
	<i>It may be implemented by the respective course instructor.</i>
4.7	<b>Suggestions given by Mr. Vignesh Paramasivam – Industrial Expert</b>
4.7.1	It was recommended to provide basic knowledge on C Programming for all departments which helps to implement data structures in AI.
	<i>The basic knowledge on C Programming will be provided for all departments as Value Added Course.</i>
4.7.2	It was suggested to offer foreign languages (German, Japanese, etc.)
	<i>Already Japanese class was being conducted and German language class will be started in near future.</i>
4.7.3	It was suggested to offer SAP and Psychology courses for MBA students.
	<i>The courses related to SAP and Psychology will be offered as Value Added Courses.</i>



**Mapping of Institute  
Mission and vision  
2023-24**



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### VISION AND MISSION OF THE INSTITUTE

#### INSTITUTE VISION

- ❖ To develop student with intellectual curiosity and technical expertise to meet the global needs.

#### INSTITUTE MISSION

- ❖ To achieve academic excellence by offering quality technical education using best teaching techniques.
- ❖ To improve Industry – Institute interactions and expose industrial atmosphere
- ❖ To develop interpersonal skills along with value-based education in a dynamic learning environment.
- ❖ To explore solutions for real time problems in the society.

### VISION MAPPING

S.No.	Key points of the vision	Discussion By Governing council members
1.	Develop student	<p><b>After having detailed discussions with governing council members, The following recommendations are made:</b></p> <ul style="list-style-type: none"><li>• Skills of the students are to be improved to enhance employability through more training programmes.</li><li>• Institute industry interactions have to be developed further to provide students with industrial exposure.</li><li>• Reputed/core companies should be attracted for getting placement for our students.</li><li>• To train students stay committed to goals in the dynamic industrial environment.</li></ul>
2.	Intellectual curiosity	<p><b>Following suggestions are made by the Governing Council members:</b></p> <ul style="list-style-type: none"><li>• Intellectual curiosity might be nurtured to make students learn vastly and achieve more.</li><li>• Intellectual curiosity nourished to search solutions for problems thereby fosters research and to do better projects by the students useful for the society.</li><li>• Students should be practiced for extensive reading on variety of technical topics and to utilize the maximum extent of available library resources.</li></ul>





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3.	Technical expertise	<p><b>After detail deliberations the following matters are put forward by the members:</b></p> <ul style="list-style-type: none"><li>• To make students participate more in technical seminars and workshops to get vast technical knowledge.</li><li>• To arrange for interactions with technical experts through guest lectures, projects done in industries and interactions with Alumni.</li><li>• To insist students further, to learn by reading online tutorials, technical magazines and reputed journals</li><li>• To arrange field trips, In-plant training and internships in various engineering industries to develop the technical knowledge.</li></ul>
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- ❖ To develop interpersonal skills along with value-based education in a dynamiclearning environment.
- ❖ To explore solutions for real time problems in the society.

Mission	Institute Setup/Activity
To achieve academic excellence by offering quality technical education using bestteaching techniques	NPR College of Engineering & Technology provides a conducive environment for study. The students are nurtured to have a good habit of study, library utilization and adequate exam preparation practices along with Innovative learning process in classes which leads to academic excellence. Quality learning and teaching.
To improve Industry – Institute interactions and expose industrial atmosphere	More Memorandum of Understandings (MoU's) is signed with various engineering industries as a measure of Industry –Institute interaction. Students are motivated to undergo In-Plant training, Internship and Industrial visit to know about industry environment.





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	<p>Alumni interact with our present students and share their work experience, trends in industries, expectations of industries from students and prevailing technology.</p> <p>Leading Industrialist are invited for conducting programmes to educate students about industrial operations and production methods in all departments.</p>
To develop interpersonal skills along with value-based education in a dynamic learning environment	<p>Interpersonal skills are developed among students by Language and Communication skills training, Mentoring and harmony when working in a project team.</p> <p>Value based education is imparted through complete learning environment, life skills training, career guidance programmes and social skills through the activities of NSS/YRC.</p> <p>Dynamic learning environment paves way to outcome-based education which is reflected in the projects of the students.</p>
To explore solutions for real time problems in the society	<p>Outcome based Education provides knowledge to do better projects by the students inside the campus.</p> <p>Students are encouraged to do courses in NPTEL through local chapter to explore new areas of interest.</p> <p>Students are motivated to do projects to solve real world problems useful for the society</p>





**Mapping of Institute  
Mission vision with  
Department Mission  
Vision 2023-24**



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### Department of EEE

## VISION AND MISSION OF THE INSTITUTE

### VISION

To develop students with intellectual curiosity and technical expertise to meet the global needs

### MISSION

- To achieve academic excellence by offering quality technical education using best teaching techniques.
- To improve Industry – Institute interactions and expose industrial atmosphere.
- To develop interpersonal skills along with value-based education in a dynamic learning environment.
- To explore solutions for real time problems in the society.

## VISION AND MISSION OF THE DEPARTMENT

### VISION

Develop students, acquire professional and technical competencies through technology-oriented education.

### MISSION

M1: To provide an academic environment with strong theoretical and practical engineering skills.

M2: To evolve engineers who would investigate, design and offer solution to the society using cutting-edge technologies.





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### Appropriateness / relevance of mission statements:

Department Mission	Appropriateness / relevance of mission statements
<p><u>Mission-I</u> provide an academic environment with strong theoretical and practical engineering skills.</p>	<p>The following activities were implemented in our department to provide academic environment with theoretical and practical engineering skills</p> <ul style="list-style-type: none"><li>❖ Guest Lecturers and seminars.</li><li>❖ Workshops and skill-based value added courses</li><li>❖ Qualified and Capable faculty members</li><li>❖ Smart class room and lab facilities</li><li>❖ Center of Excellence</li><li>❖ Modern library facilities</li><li>❖ Wi-Fi enabled campus</li><li>❖ Students and faculties are undergoing various online courses in NPTEL courses.</li></ul>
<p><u>Mission-II</u> evolve engineers who would investigate, design and offer solution to the society using cutting-edge technologies.</p>	<p>The following activities are implemented in our department to evolve engineers who would investigate, design and offer solution to the society using cutting-edge technologies</p> <ul style="list-style-type: none"><li>❖ Automation lab</li><li>❖ Industry based lab facilities</li><li>❖ National Level Hackathon project contests.</li><li>❖ Research and development Cell</li><li>❖ multi-disciplinary projects</li><li>❖ Industrial visit or internship training</li></ul>

Mapping between vision and mission of the institute and the department is shown in Fig 1.1







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## INSTITUTE VISION

To develop students with intellectual curiosity and technical expertise to meet the global needs



## DEPARTMENT VISION

To develop students, acquire professional and technical competencies through technology-oriented education.



To achieve academic excellence by offering quality technical education using best teaching techniques.



To provide an academic environment with strong theoretical and practical engineering skills.

To improve Industry – Institute interactions and expose industrial atmosphere.



To develop interpersonal skills along with value based education in a dynamic learning environment.

To evolve engineers who would investigate, design and offer solution to the society using cutting-edge technologies.

To explore solutions for real time problems in the society.

Fig 1.1 Mapping between Vision and Mission of the Institute and Department





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**Consistency of Department vision with Institute vision:**

**Mapping of department vision with institute vision:**

Department Vision	Institute vision
	To develop students with intellectual curiosity and technical expertise to meet the global needs
To develop students, acquire professional and technical competencies through technology-oriented education.	3 (Strong)

**Justification for Mapping of department vision with institute vision:**

Department Vision	Institute vision
	To develop students with intellectual curiosity and technical expertise to meet the global needs
To develop students, acquire professional and technical competencies through technology-oriented education.	Eminent engineers are developed by offering technology-oriented education through experts from academic and industries to meet the global needs





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### Mapping of Department mission with Institute mission:

Department Mission	Institute Mission			
	M1 To achieve academic excellence by offering quality technical education using best teaching techniques.	M2 To improve Industry – Institute interactions and expose industrial atmosphere.	M3 To develop interpersonal skills along with value based education in a dynamic learning environment.	M4 To explore solutions for real time problems in the society.
<b>M1</b> To provide an academic environment with strong theoretical and practical engineering skills	3	2	3	2
<b>M2</b> To evolve engineers who would investigate, design and offer solution to the society using cutting-edge technologies.	2	3	2	3

Note: 1-Slight

2- Moderate

3-Strong







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## Justification for the Mapping of Department Mission with the Institute Mission:

Department Mission	Institute Mission			
	<b>M1</b> To achieve academic excellence by offering quality technical education using best teaching techniques.	<b>M2</b> To improve Industry – Institute interactions and expose industrial atmosphere.	<b>M3</b> To develop interpersonal skills along with value-based education in a dynamic learning environment.	<b>M4</b> To explore solutions for real time problems in the society.
<b>M1</b> To provide an academic environment with strong theoretical and practical engineering skills	Strongly Mapped by the students would acquire good theoretical and practical knowledge from our faculty through effective teaching techniques.	Moderately involved in arranging frequent workshops and guest lectures by inviting industrial and academic experts to create awareness in research and development among the students.	Strongly mapped by the students as they will undergo hands-on training and value-added courses to enrich the knowledge in dynamic learning environment	Moderately Involved in encouraging students to convert their academic projects into products to meet the society requirements
<b>M2</b> To evolve engineers who would investigate, design and offer solution to the society using cutting-edge technologies.	Moderately mapped by providing excellent laboratories for the students to do innovative research-oriented projects using latest technologies	Strongly involved in providing the internship training and industry supported labs to exhibit their knowledge in research fields	Moderately involved in motivating the students to participate the national level conference for enrich them knowledge. Communication and aptitude training was given to the students to improve them soft skills.	Strongly involved in providing training to the students to enrich their innovative ideas, which help them in doing multidisciplinary project to solve real time challenges of the society.





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### Department of ECE

#### VISION AND MISSION OF THE INSTITUTE

#### VISION AND MISSION OF THE INSTITUTE

##### VISION

"To develop students with intellectual curiosity and technical expertise to meet the global needs"

##### MISSION

**M1:** To achieve academic excellence by offering quality technical education using best teaching techniques.

**M2:** To improve Industry – Institute interactions and expose industrial atmosphere.

**M3:** To develop interpersonal skills along with value-based education in a dynamic learning environment.

**M4:** To explore solutions for real time problems in the society.





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## VISION AND MISSION OF THE DEPARTMENT

### VISION

“To impart quality technical education and nurture excellence to meet the impending challenges in emerging technologies”

### MISSION

M1: To instill the thirst for advancement in Electronics and Communication technologies to address the social needs.

M2: To increase industrial interaction to ascertain prevailing technologies.

M3: To inculcate ethics and transform lives through value-based education.

M4: To enhance analytical and practical skills to solve real time problems in the society.







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Department Mission	Appropriateness / Relevance of Mission statements
<p><u>Mission 1</u></p> <p>To instill the thirst for advancement in Electronics and Communication technologies to address the social needs.</p>	<p>Following activities are implemented in our department to create a thirst for learning Electronics and Communication technologies</p> <ul style="list-style-type: none"><li>➤ Smart Class Rooms</li><li>➤ E-Learning</li><li>➤ Knowledge enhancing courses</li><li>➤ Digital library</li><li>➤ International/National Hackathon project contests</li><li>➤ Multi - disciplinary projects</li><li>➤ NPTEL, UDEMY, Online Courses</li><li>➤ Real Time Examples</li><li>➤ Certification courses</li><li>➤ Guest Lectures</li><li>➤ Project laboratory</li><li>➤ Innovative real time projects</li><li>➤ Industry supported lab facilities</li><li>➤ Intellectual Property Rights Cell</li><li>➤ Mentoring systems</li><li>➤ Motivational speech</li><li>➤ Overhead projector</li><li>➤ Extra-curricular activity cells</li></ul>





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<p><u>Mission 2</u></p> <p>To increase industrial interaction to ascertain prevailing technologies.</p>	<p>Following activities are implemented in our department to increase industrial interaction and to make effective usage of prevailing technologies.</p> <ul style="list-style-type: none"><li>➤ Industrial Visits</li><li>➤ Internships</li><li>➤ In-plant Training</li><li>➤ Skill based value added courses</li><li>➤ Placement training</li><li>➤ Industry supported lab facilities</li><li>➤ Project lab</li><li>➤ MoU</li><li>➤ Guest Lectures by Resource Persons from Industries</li><li>➤ Conversion of curriculum project into research papers</li><li>➤ International/National Hackathon project contests</li></ul>
<p><u>Mission 3</u></p> <p>To inculcate ethics and transform lives through value based education.</p>	<p>Following activities are implemented in our department to inculcate ethics and transform the lives of our learners through value-based education.</p> <ul style="list-style-type: none"><li>➤ Skill based value added courses</li><li>➤ Teaching ethical principles to the students to maintain ethical standards of the department</li><li>➤ Anti ragging committee</li><li>➤ Entrepreneurship Development Cell (EDC)</li></ul>





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	<ul style="list-style-type: none"> <li>➤ Intellectual Property Rights Cell</li> <li>➤ Mentoring system</li> </ul>
<p><b>Mission 4</b></p> <p>To enhance analytical and practical skills to solve real time problems in the society.</p>	<p>Following activities are implemented in our department to imbibe analytical and practical skills to the learners.</p> <ul style="list-style-type: none"> <li>➤ Guest Lectures</li> <li>➤ Workshops</li> <li>➤ Seminars</li> <li>➤ Online Certification Courses</li> <li>➤ Technical Seminar</li> <li>➤ Central Library</li> <li>➤ Skill based value added courses</li> <li>➤ Innovative real time Projects</li> <li>➤ Industrial Training</li> <li>➤ Industrial visit</li> <li>➤ Placement training</li> <li>➤ Centre for Excellence</li> <li>➤ Hackathon project contests</li> <li>➤ Publication of research work in various indexed journals</li> <li>➤ Internships</li> <li>➤ Innovation lab, Incubation Centre and industry supported lab facilities to undergo product development activities</li> </ul>

The representation of mapping between Vision and Mission of the Institute and Department is shown in the Fig. 1.1







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### INSTITUTE VISION

To develop students with intellectual curiosity and technical expertise to meet the global needs

### DEPARTMENT VISION

To impart quality technical education and nurture excellence to meet the impending challenges in emerging technologies



### INSTITUTE MISSION

To achieve academic excellence by offering quality technical education using best teaching techniques.

To improve Industry - Institute interactions and expose industrial atmosphere.

To develop interpersonal skills along with value-based education in a dynamic learning environment.

To explore solutions for real time problems in the society.



### DEPARTMENT MISSION

To instill the thirst for advancement in Electronics and Communication technologies to address the social needs.

To increase industrial interaction to ascertain prevailing technologies.

To inculcate ethics and transform lives through value-based education.

To enhance analytical and practical skills to solve real time problems in the society.





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Consistency of Department Vision with Institute Vision:

Mapping of Department Vision with Institute Vision:

Department Vision	Institute Vision
	To develop students with intellectual curiosity and technical expertise to meet the global needs
To impart quality technical education and nurture excellence to meet the impending challenges in emerging technologies.	<b>3 (STRONG)</b>

Justification for Mapping of Department Vision with Institute Vision:

Department Vision	Institute Vision
	To develop students with intellectual curiosity and technical expertise to meet the global needs
To impart quality technical education and nurture excellence to meet the impending challenges in emerging technologies.	The students can able to expose on professional, ethical and social skills to shape them with leadership quality for analyzing and solving engineering and social issues





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		DEPARTMENT				
		MD 1	MD 2	MD 3	MD 4	
Mission		To instill the thirst for advancement in electronics and communication technologies to address the social needs.	To increase industrial interaction to ascertain prevailing technologies.	To inculcate ethics and transform lives through value-based education	To enhance analytical and practical skills to solve real time problems in the society	
INSTITUTE	MI 1	To achieve academic excellence by offering quality technical education using best teaching techniques	3	3	3	3
	MI 2	To improve Industry Institute interactions and expose industrial atmosphere	3	3	3	3
	MI 3	To develop interpersonal skills along with value-based education in a dynamic learning environment	2	2	3	3
	MI 4	To explore solutions for real time problems in the society	3	3	2	3







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Justification for the mapping of Department Mission with the Institute Mission:

Mapping	Justification
To achieve academic excellence by offering quality technical education using best teaching techniques	<p><b>MD 1(Substantial level):</b> Students are able to resolve social needs with the quality technical education offered.</p> <p><b>MD 2(Substantial level):</b> Analytical and practical skills are inculcated to students through best teaching techniques.</p> <p><b>MD 3(Substantial level):</b> By offering value based education, our learners are transformed into quality engineers following professional ethics.</p> <p><b>MD 4(Substantial level):</b> Students learn the existing technologies from industrial interactions and are prepared to work in industries.</p>
To improve Industry-Institute interactions and expose industrial atmosphere	<p><b>MD 1(Substantial level):</b> Advancement in technologies infused through Industry – Institute interactions.</p> <p><b>MD 2(Substantial level):</b> Practical skills are inculcated to students through industrial exposure.</p> <p><b>MD 3(Substantial level):</b> Industry interactions along with value-based education transform students into highly qualified professionals.</p> <p><b>MD 4(Substantial level):</b> Students gain knowledge about current technologies in industries through industrial interactions.</p>
To develop interpersonal skills along with value-based education in a dynamic learning environment	<p><b>MD 1(Moderate level):</b> Dynamic learning environment leads to resolve the social conflicts in engineering in the society.</p> <p><b>MD 2(Moderate level):</b> Skill development facilitates in enhancing the practical knowledge of students.</p> <p><b>MD 3(Substantial level):</b> Value based education with ethics and improving interpersonal skills through training ensures</p>





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	<p>better transformation in career.</p> <p><b>MD 4(Substantial level):</b> Dynamic learning environment is achieved through increased industrial interactions.</p>
<p>To explore solutions for real time problems in the society</p>	<p><b>MD 1(Substantial level):</b> Create an eagerness for learning the advancements in electronics and communication technologies so as to meet the engineering challenges in the society.</p> <p><b>MD 2(Substantial level):</b> Practical and analytical skills enable students to explore solutions for real time problems.</p> <p><b>MD 3(Moderate level):</b> Value based education forms the base for identifying solutions to challenges in engineering industries.</p> <p><b>MD 4(Substantial level):</b> Industrial interactions generate more ideas to find solutions for real-life problems.</p>





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### DEPARTMENT OF CSE

#### VISION AND MISSION OF THE DEPARTMENT

##### VISION

"To produce globally competent technical professionals for digitized society"

##### MISSION

M1: To establish conducive academic environment by imparting quality education and value-added training.

M2: To encourage students to develop innovative projects to optimally resolve the challenging social problems.

#### A. Appropriateness / Relevance of Department Mission statements:

##### DEPARTMENT MISSION

##### APPROPRIATENESS / RELEVANCE OF MISSION STATEMENTS

The following facilities/practices were implemented in our department to establish a conducive academic environment for the students:

**M1:** To establish conducive academic environment by imparting quality education and value-added training.

- Smart classroom with Digital Smart Boards and LCD projector with internet facility in all classroom
- An advanced ERP System is implemented in all aspects of teaching
- CISCO Center of Excellence (CoE)
- Research and Development Center (R&D)
- Effective mentoring System wherein each mentor is assigned with 15 mentees so as to have a personal care on them
- E-Learning System
- Digital Library
- Skill-based value-added training







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Following facilities/practices were implemented in our department to develop innovative projects to find solution for social needs.

**M2:** To encourage students to develop innovative projects to optimally resolve the challenging social problems.

- CISCO Center of Excellence (CoE)
- Research and Development Center (R&D) and collaborative learning
- Virtual Lab
- Experiential Learning
- Project competitions are conducted within the institution
- Internships and Industrial Visits are arranged for our students.
- Students are encouraged to carry out mini-projects and Case Studies in multidisciplinary domains.
- Final-year students convert their projects into well-structured research papers and publish/present them in various journals/conferences.
- Students take part in hackathon project contests at all India level.
- Certificate courses are arranged for our students





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### Department of Mechanical Engineering

#### VISION AND MISSION OF THE DEPARTMENT

##### VISION

- To develop qualified mechanical engineers to compete with evolving industrial challenges.

##### MISSION

- M1: To impart quality education by best teaching techniques.
- M2: To enhance employability skills through training programs.
- M3: To develop alliances with global industries to cognize prevailing technologies.
- M4: To provide direction on lifelong learning for constructive career.





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### Appropriateness / Relevance of Department Mission statements:

DEPARTMENT MISSION	APPROPRIATENESS/ RELEVANCE OF MISSION STATEMENTS
M1: To impart quality education by best teaching techniques.	<p>Following activities were implemented in our department to impart quality education by best teaching techniques</p> <ul style="list-style-type: none"> <li>➤ Smart class room</li> <li>➤ Class room with Digital Smart Boards</li> <li>➤ Center of Excellence (CoE)</li> <li>➤ Research and Development center (R&amp;D)</li> <li>➤ Project lab</li> <li>➤ Experimental Learning</li> <li>➤ Wi-Fi Internet Access</li> <li>➤ LCD Projector</li> <li>➤ Google Classroom</li> <li>➤ E Learning system</li> <li>➤ Digital Library</li> </ul>
M2: To enhance employability skills through training programs.	<p>Following activities were implemented in our department to enhance employability skills through training programs, projects and visits</p> <ul style="list-style-type: none"> <li>➤ Internships</li> <li>➤ Industrial Visit</li> <li>➤ Skill based value added courses</li> <li>➤ Mini projects in the various domain.</li> <li>➤ Industrial projects through Incubation center</li> <li>➤ Industry supported lab.</li> </ul>
M3: To develop alliances with global industries to cognize prevailing technologies.	<p>Following activities were implemented in our department to develop alliances with global industries to cognize prevailing technologies.</p>








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	<ul style="list-style-type: none"><li>➤ MoU's have been signed with leading global industries.</li><li>➤ Inviting industrial experts for guest lecture to improve the institute and industry collaboration activities</li><li>➤ Knowledge about present industrial processes and technologies enable the students.</li><li>➤ Industrial visits and internship training to international standard companies.</li><li>➤ Students are encouraged to participate in hackathon project contests all over India.</li><li>➤ Various advanced online courses which are in demand in industries through NPTEL.</li></ul>
<p>M4: To provide direction on life long learning for constructive career.</p>	<p>Following activities were implemented in our department to provide direction on lifelong learning for constructive career.</p> <ul style="list-style-type: none"><li>➤ Value added courses conducted by industry personals to know the prevailing technologies in industries</li><li>➤ Final year students are encouraged to do multi-disciplinary projects for the need of society and further development of business.</li><li>➤ Self-learning programmes attended in NPTEL</li></ul>

  
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