



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE – 642 002



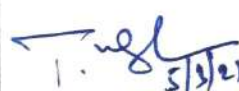
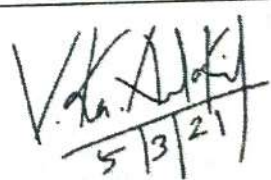
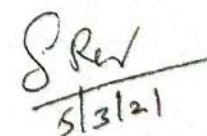
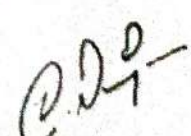
DEPARTMENT OF MECHANICAL ENGINEERING

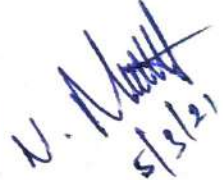
MINUTES OF THE BOARD OF STUDIES MEETING-III

MEETING No. 03

DATE : 05-03-2021
TIME : 10.00 A.M. to 12.00 P.M.
VENUE : Mechanical Seminar Hall & Online Mode

I. The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. T. Varun Kumar Associate Professor and Head, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 5/3/21
2.	Dr. M. Sakthivel Associate Professor, Department of Mechanical Engineering, Anna University, Regional Campus, Coimbatore – 641046	University Nominee	 05.03.2021
3.	Dr. V. Anandakrishnan Associate Professor, Department of Production Engineering, National Institute of Technology, Tiruchirappalli - 620015	Expert Member	 5/3/21
4.	Dr. S. Ramanathan Professor, Department of Manufacturing Engineering, Annamalai University, Annamalai Nagar, Chidambaram-608002	Expert Member	 5/3/21
5.	Mr. V. Nataraja Perumal Manager (HR), Milacron India Private Ltd, (Mold Masters Division), No.6, Mettupalayam Road, Goundamapalayam, Coimbatore - 641030	Industry Representative	Approved from my side  05th Marc 2021

6.	Mr. P. Powthiran Senior Engineer, Renault Nissan Technology Business Centre India Private Ltd, Ascendas IT Park, Mahindra World City, Chengalpet, Kancheepuram -603002	Alumni Member	 05.03.2021
7.	Dr. D. Senthil Kumar Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 5/3/21
8.	Dr. A. Baskaran Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 5/3/21
9.	Mr. V. P. Suresh Kumar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 5/3/21
10.	Mr. N. Manikandan Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 5/3/21
11.	Mr. R. Mohammed Farooq Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
12.	Mr. N. Gnanasekar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 5/3/21

Dr. T. Varun Kumar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi for the V to VIII semester of the B.E. Mechanical Engineering programme for the regulation 2019.

The following are the suggestions given by the Experts:

S. No	Experts suggestions and comments	Measures /Modification taken
1.	Two laboratories (Kinematics and Dynamics) are recommended to combine in V semester as a one laboratory course without reducing the content of the respective lab syllabus	Suggestions incorporated
2.	Design and fabrication project with 2 credits is recommended for inclusion in the VI semester	
3.	Welding Technology with 3 credits is recommended for inclusion in the Professional Elective II for the semester VI	
4.	Project phase – I with 2 credits is recommended for inclusion in the VII semester	
5	Process Planning and Cost Estimation with 3 credits is recommended for inclusion in the Professional Elective VI for the semester VIII	

Based on the discussion the board approved the following points.

Item No. 2.1. Approval of Curriculum for 2019 Regulations – B.E.- Mechanical Engineering

The Chairman BoS explained the new curriculum based on AICTE model curriculum. The members elaborately discussed the Curriculum for B.E.- Mechanical Engineering and approved the same.

1. The approved curriculum and syllabi for V semester to VIII semester under 2019 Regulations are enclosed. (Enclosure 1).
2. The total credits for the B.E.- Mechanical Engineering is arrived as 164 and the curriculum breakdown structure is enclosed. (Enclosure 2).

Item No. 2.2. Approval of Syllabus for V to VIII semester of B.E.- Mechanical Engineering

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from V semester to VIII semester for B.E.- Mechanical Engineering.

Item No. 2.3. Approval for one credit courses on-line courses

The following courses are approved by the experts. The syllabus and transfer of credits for the listed courses from NPTEL and SWAYAM are also approved by the experts.

One Credit Course:

Sl. No	Course Code	Course Title
1.	19MEVA901	Basics of Civil Engineering
2.	19MEVA902	Metallography
3.	19MEVA903	Design for Production and Quality Engineering
4.	19MEVA904	Structural Analysis Using Finite Element Analysis
5.	19MEVA905	Non Destructive Testing (NDT)
6.	19MEVA906	Yoga for Youth Empowerment
7.	19MEVA907	Project Management
8.	19MEVA908	Six Sigma
9.	19MEVA909	Professional Skills
10.	19MEVA910	Industry 4.0

NPTEL Course:

S.No.	Course Code	Course Name
1.	19MENP101	Project and Production Management
2.	19MENP102	Mechanical Measurements and Metrology
3.	19MENP103	Advanced Strength of Materials
4.	19MENP104	Advanced Operations Research
5.	19MENP105	Entrepreneurship Essentials
6.	19MENP106	Waste to Energy Conversion
7.	19MENP107	Industrial Engineering
8.	19MENP108	Principles of Mechanical Measurements
9.	19MENP109	Manufacturing Processes I
10.	19MENP110	Manufacturing Processes II
11.	19MENP1XX	Any other NPTEL Courses

Item No. 2.4. The syllabus of the following courses for the B.E. Mechanical Engineering programme were reviewed by the Experts

S. No.	Course Code	Name of the courses
1.	19MEPC501	Thermal Engineering
2.	19MEPC502	Metrology and Measurements
3.	19MEPC503	Dynamics of Machines
4.	19MEPC504	Design of Machine Elements
5.	19MEPC505	Thermal Engineering Laboratory
6.	19MEPC506	Metrology and Measurements Laboratory
7.	19MEPC507	Kinematics and Dynamics Laboratory
8.	19MEHS601	Professional Ethics in Engineering
9.	19MEPC602	Heat and Mass Transfer
10.	19MEPC603	Design of Transmission Systems
11.	19MEPC604	Finite Element Analysis
12.	19MEEE605	Design and Fabrication Project
13.	19MEPC606	Heat Transfer Laboratory
14.	19MEPC607	Computer Aided Machining Laboratory
15.	19MEHS701	Total Quality Management
16.	19MEPC702	Mechatronics
17.	19MEPC703	Mechatronics Laboratory
18.	19MEPC704	Simulation and Analysis Laboratory
19.	19MEEE705	Project Phase – I
20.	19MEEE801	Project Work

Item No. 2.5. The syllabus of the following Programme Professional Elective courses for the Semester V and VIII were discussed and approved by the experts.

S. No.	Course Code	Course Title
1.	19MEPE501	Composite Materials
2.	19MEPE502	Design for Manufacturing and Assembly
3.	19MEPE503	Design of Jigs, Fixtures and Press Tools

4.	19MEPE504	Automobile Engineering
5.	19MEPE601	Lean Six Sigma
6.	19MEPE602	Automation in Manufacturing
7.	19MEPE603	Welding Technology
8.	19MEPE604	Micro Electro Mechanical Systems
9.	19MEPE701	Power Plant Engineering
10.	19MEPE702	Vibration and Noise Control
11.	19MEPE703	Entrepreneurship Development
12.	19MEPE704	Thermal Turbo Machines
13.	19MEPE705	Refrigeration and Air-conditioning
14.	19MEPE706	Gas Dynamics and Jet Propulsion
15.	19MEPE707	Design of Heat Exchangers
16.	19MEPE708	Unconventional Machining Processes
17.	19MEPE801	Design of Pressure Vessels and Piping
18.	19MEPE802	Additive Manufacturing
19.	19MEPE803	Computer Integrated Manufacturing Systems
20.	19MEPE804	Maintenance Engineering
21.	19MEPE805	Advanced Finite Element Analysis
22.	19MEPE806	Applied Hydraulics and Pneumatics
23.	19MEPE807	Advanced I.C. Engines
24.	19MEPE808	Process Planning and Cost Estimation

Item No. 2.6. The syllabus of the following Open Elective courses for the Semester V and VIII were discussed and approved by the experts.

S. No.	Course Code	Course Title
1	19OE021	Testing of Materials
2	19OE022	Robotics
3	19OE023	Industrial Engineering
4	19OE024	Marketing Management
5	19OE025	Energy Conservation and Management

Item No. 2.7. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of B.E- Mechanical Engineering programme.

The members discussed and approved all the above items. The meeting was concluded with vote of thanks.




Dr.T.Varun Kumar, (HoD/Mech)

Chairman/BoS

Dr. T. VARUNKUMAR, M.E., Ph.D.,
Head of the Department
Department of Mechanical Engineering
P. H. Colony, Pollachi - 642 002.



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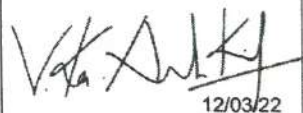
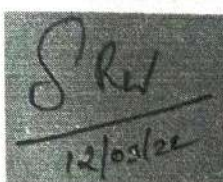
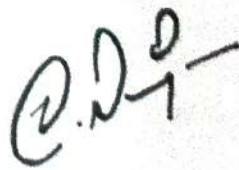
DEPARTMENT OF MECHANICAL ENGINEERING

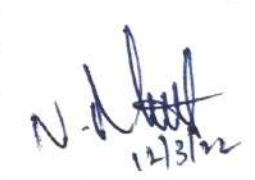
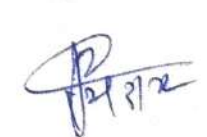
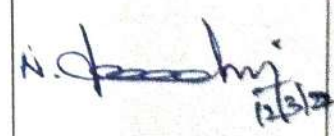
MINUTES OF THE BOARD OF STUDIES MEETING-IV

MEETING No. 04

DATE : 12-03-2022
TIME : 11.30 A.M. to 1.00 P.M.
VENUE : Mechanical Seminar Hall & Online Mode

I. The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. T. Varun Kumar Associate Professor and Head, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 12/3/22
2.	Dr. M. Sakthivel Associate Professor, Department of Mechanical Engineering, Anna University, Regional Campus, Coimbatore – 641046	University Nominee	In Absentia
3.	Dr. V. Anandakrishnan Associate Professor, Department of Production Engineering, National Institute of Technology, Tiruchirappalli - 620015	Expert Member	 12/03/22
4.	Dr. S. Ramanathan Professor, Department of Manufacturing Engineering, Annamalai University, Annamalai Nagar, Chidambaram-608002	Expert Member	 12/03/22
5.	Mr. V. Nataraja Perumal Manager (HR), Milacron India Private Ltd, (Mold Masters Division), No.6, Mettupalayam Road, Goundamapalayam, Coimbatore - 641030	Industry Representative	

6.	Mr. P. Powthiran Senior Engineer – Body Design and Development, Tech Mahendra, 138, SEZ Ave, Elcot sez, Sholinganallur, Chennai-600119.	Alumni Member	
7.	Dr. D. Senthil Kumar Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Dr. A. Baskaran Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
9.	Mr. V. P. Suresh Kumar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
10.	Dr. N. Manikandan Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
11.	Mr. R. Mohammed Farooq Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
12.	Dr. N. Gnanasekar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	

Dr. T. Varun Kumar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi for the VII to VIII semester of the B.E. Mechanical Engineering programme for the regulation 2019.

The following are the suggestions given by the Experts:

S. No	Experts suggestions and comments	Measures /Modification taken
1.	Project phase – I with 2 credits is recommended for inclusion in the VII semester	Suggestions Incorporated
2.	Process Planning and Cost Estimation with 3 credits is recommended for inclusion in the Professional Elective VI for the semester VIII	
3.	Recent Technologies were discussed and Recommended to be included in the forth coming regulations.	
4.	Experts Insisted the importance of One Credit Courses in the emerging topics like Non Destructive Testing (NDT) and Industry 4.0 and recommended for inclusion	

Based on the discussion the board approved the following points.

Item No. 2.1. Approval of Curriculum for 2019 Regulations – B.E.- Mechanical Engineering

The Chairman BoS explained the new curriculum based on AICTE model curriculum. The members elaborately discussed the Curriculum for B.E.- Mechanical Engineering and approved the same.

1. The approved curriculum and syllabi for VII semester to VIII semester under 2019 Regulations are enclosed. **(Enclosure 1).**
2. The total credits for the B.E.- Mechanical Engineering is arrived as 164 and the curriculum breakdown structure is enclosed. **(Enclosure 2).**

Item No. 2.2. Approval of Syllabus for VII to VIII semester of B.E.- Mechanical Engineering

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from VII semester to VIII semester for B.E.- Mechanical Engineering.

Item No. 2.3. Approval for one credit courses on-line courses

The following courses are approved by the experts. The syllabus and transfer of credits for the listed courses from NPTEL and SWAYAM are also approved by the experts.

One Credit Course:

Sl. No	Course Code	Course Title
1.	19MEVA901	Basics of Civil Engineering
2.	19MEVA902	Metallography
3.	19MEVA903	Design for Production and Quality Engineering
4.	19MEVA904	Structural Analysis Using Finite Element Analysis
5.	19MEVA905	Non Destructive Testing (NDT)
6.	19MEVA906	Yoga for Youth Empowerment
7.	19MEVA907	Project Management
8.	19MEVA908	Six Sigma
9.	19MEVA909	Professional Skills
10.	19MEVA910	Industry 4.0

NPTEL Course:

S.No.	Course Code	Course Name
1.	19MENP101	Project and Production Management
2.	19MENP102	Mechanical Measurements and Metrology
3.	19MENP103	Advanced Strength of Materials
4.	19MENP104	Advanced Operations Research
5.	19MENP105	Entrepreneurship Essentials
6.	19MENP106	Waste to Energy Conversion
7.	19MENP107	Industrial Engineering
8.	19MENP108	Principles of Mechanical Measurements
9.	19MENP109	Manufacturing Processes I
10.	19MENP110	Manufacturing Processes II
11.	19MENP1XX	Any other NPTEL Courses

Item No. 2.4. The syllabus of the following courses for the B.E. Mechanical Engineering programme were reviewed by the Experts

S. No.	Course Code	Name of the courses
1.	19MEHS701	Total Quality Management
2.	19MEPC702	Mechatronics
3.	19MEPC703	Mechatronics Laboratory
4.	19MEPC704	Simulation and Analysis Laboratory
5.	19MEEE705	Project Phase – I
6.	19MEEE801	Project Work

Item No. 2.5. The syllabus of the following Programme Professional Elective courses for the Semester VII and VIII were discussed and approved by the experts.

S. No.	Course Code	Course Title
1.	19MEPE701	Power Plant Engineering
2.	19MEPE702	Vibration and Noise Control
3.	19MEPE703	Entrepreneurship Development
4.	19MEPE704	Thermal Turbo Machines
5.	19MEPE705	Refrigeration and Air-conditioning
6.	19MEPE706	Gas Dynamics and Jet Propulsion
7.	19MEPE707	Design of Heat Exchangers
8.	19MEPE708	Unconventional Machining Processes
9.	19MEPE801	Design of Pressure Vessels and Piping
10.	19MEPE802	Additive Manufacturing
11.	19MEPE803	Computer Integrated Manufacturing Systems
12.	19MEPE804	Maintenance Engineering
13.	19MEPE805	Advanced Finite Element Analysis
14.	19MEPE806	Applied Hydraulics and Pneumatics
15.	19MEPE807	Advanced I.C. Engines
16.	19MEPE808	Process Planning and Cost Estimation

Item No. 2.6. The syllabus of the following Open Elective courses for the Semester VII and VIII were discussed and approved by the experts.

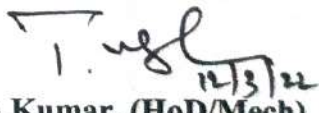
S. No.	Course Code	Course Title
1	19MEOE021	Testing of Materials
2	19MEOE022	Robotics
3	19MEOE023	Industrial Engineering
4	19MEOE024	Marketing Management
5	19MEOE025	Energy Conservation and Management

Item No. 2.7. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of B.E- Mechanical Engineering programme.

The members discussed and approved all the above items. The meeting was concluded with vote of thanks.




Dr.T.Varun Kumar, (HoD/Mech)

Chairman/BoS
Dr. T. VARUNKUMAR, M.E., Ph.D.
 Head of the Department
 Department of Mechanical Engineering
 P.A. College of Engineering & Technology
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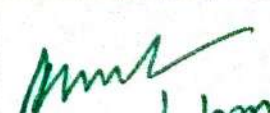
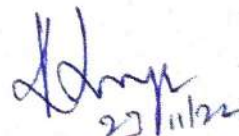
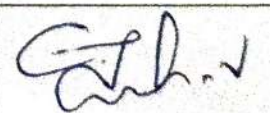
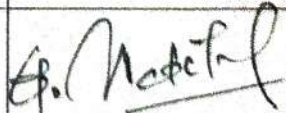
DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF THE BOARD OF STUDIES MEETING - V

MEETING No. 05

DATE : 23-11-2022
TIME : 10.00 A.M. to 12.00 P.M.
VENUE : Mechanical Seminar Hall

I. The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. T. Varun Kumar Associate Professor and Head, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 23/11/22
2.	Dr. M. Sakthivel Associate Professor, Department of Mechanical Engineering, Anna University, Regional Campus, Coimbatore – 641046	University Nominee	IN ABSENTIA
3.	Dr. K. Ramesh Professor & Head Department of Mechanical Engineering Government College of Technology, Coimbatore - 641013.	Expert Member	 23/11/22
4.	Dr. K. Soorya Prakash Assistant Professor Department of Mechanical Engineering Anna University, Regional Campus Coimbatore - 641046.	Expert Member	 23/11/22
5.	Mr. V. Ganesh, Managing Director, MaxCAD, Coimbatore - 641018.	Industry Representative	
6.	Mr. Madan Kumar G Supplier Quality Engineer Zurn Elkay Water Solutions (USA) Unit 1104, 11 th FLR,	Alumni Member	

	Manjeera Trinity Corporate, Survey 1050. JNTU Hitech City RD Kukatpally, Hyderabad, Telangana – 500072 India		
7.	Dr. D. Senthil Kumar Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Dr. A. Baskaran Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
9.	Dr. N. Gnanasekar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
10.	Dr. N. Manikandan Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
11.	Mr. V. P. Suresh Kumar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
12.	Mr. R. Mohammed Farooq Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	

Dr. T. Varun Kumar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi for the I and II semester of the B.E. Mechanical Engineering programme for the regulation 2022.

The following are the suggestions given by the Experts:

S. No	Experts suggestions and comments	Measures /Modification taken
1.	'C' Programming Theory is recommended for inclusion in the first semester.	Suggestions Incorporated
2.	Programming in 'C' Laboratory is recommended for inclusion in first semester.	
3.	Experts recommended to include the communication skills laboratory in the first semester	
4.	Basic of Electrical and Electronics Engineering Theory is recommended to include in the Second semester without changing credits.	
5.	Basic of Electrical and Electronics Engineering Laboratory is recommended to include in the Second semester without changing credits.	

Based on the discussion the board approved the following points.

Item No. 2.1. Approval of Curriculum for 2022 Regulations – B.E.- Mechanical Engineering

The Chairman BoS explained the new curriculum based on AICTE model curriculum. The members elaborately discussed the Curriculum for B.E.- Mechanical Engineering and approved the same.

1. The approved curriculum and syllabi for I semester and II semester under 2022 Regulations are enclosed. **(Enclosure 1).**
2. The total credits for the B.E.- Mechanical Engineering for I semester and II semester under 2022 Regulations is arrived as 42 credits is enclosed. **(Enclosure 2).**

Item No. 2.2. Approval of Syllabus for I to II semester of B.E.- Mechanical Engineering

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from I semester and II semester for B.E.- Mechanical Engineering.

Item No. 2.3. Approval of Equivalence of Readmission of B.E.- Mechanical Engineering

The following students has applied for readmission and the same has been approved by DOTE, the details are furnished below

S. No	Register Number	Name of the student	Remarks Sem/Year of Readmission
01	721718114316	Gokula Krishnan. A	VII/ IV Year

The above students who had joined in B.E. Mechanical Engineering during the academic year 2019-2020 as Lateral Entry under the Regulation (R-2017) and got readmitted after break of study during the academic year 2022-2023 under R-2019. The following points are examined from the minutes of meeting as discussed below:

The following courses are examined by the Experts:

Sl. No	Course Code / Title	Studied in Semester		Remarks
	Autonomous 2019 Regulation	Autonomous (R 2019)	Anna University (R 2017)	
1	19MEBS301 Transforms and Partial Differential Equations	III	III	Equivalented
2	19MEES302 Basic Electronics Engineering	III	II	Additional Equivalented
3	19MEPC303 Engineering Thermodynamics	III	III	Equivalented
4	19MEPC304 Fluid Mechanics and Machinery	III	III	Equivalented
5	19MEPC305 Manufacturing Technology - I	III	III	Equivalented
6	19MEMC306 Constitution of India	III	-	No Credit
7	19MEBS401 Numerical Methods	IV	IV	Equivalented
8	19MEPC402 Engineering Materials and Metallurgy	IV	IV	Equivalented
9	19MEPC403 Kinematics of Machinery	IV	IV	Equivalented
10	19MEPC404 Strength of Materials	IV	IV	Equivalented

11	19MEPC405 Manufacturing Technology - II	IV	IV	Equivalented
12	19MEHS406 Environmental Science and Engineering	IV	II	Additional Equivalented
13	19MEPC501 Thermal Engineering	V	IV & V	Equivalented
14	19MEPC502 Metrology and Measurements	V	V	Equivalented
15	19MEPC503 Dynamics of Machines	V	V	Equivalented
16	19MEPC504 Design of Machine Elements	V	V	Equivalented
17	Professional Elective-I (19MEPE504 Automobile Engineering)	V	VI	Equivalented
18	Open Elective - I (19MEOE24 Marketing Management)	V	-	Additional Equivalented
19	19MEHS601 Professional Ethics in Engineering	VI	-	Additional Equivalented
	19MEPC602 Heat and Mass Transfer	VI	VI	Equivalented
20	19MEPC603 Design of Transmission Systems	VI	VI	Equivalented
21	19MEPC604 Finite Element Analysis	VI	VI	Equivalented
22	Professional Elective -II (19MEPE603 Welding Technology)	VI	-	Additional Equivalented
23	Open Elective-II (19MEOE22 Robotics)	VI	-	Additional Equivalented

PRACTICAL

1.	19MEPC307 Computer Aided Machine Drawing Laboratory	III	III	Equivalented
2.	19MEPC308 Fluid Mechanics and Machinery Laboratory	III	IV	Equivalented
3.	19MEPC309 Manufacturing Technology Laboratory - I	III	III	Equivalented
4.	19MEHS407 Communication Skills	IV	III & IV	Equivalented

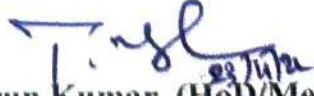
	Laboratory			
5.	19MEPC408 Strength of Materials Laboratory	IV	IV	Equivalented
6.	19MEPC409 Manufacturing Technology Laboratory - II	IV	IV	Equivalented
7.	19MEPC505 Thermal Engineering Laboratory	V	V	Equivalented
8.	19MEPC506 Metrology and Measurements Laboratory	V	V	Equivalented
9.	19MEPC507 Kinematics and Dynamics Laboratory	V	V	Equivalented
10.	19MEEC605 Design and Fabrication Project	VI	VI	Equivalented
11.	19MEPC606 Heat Transfer Laboratory	VI	-	Additional Equivalented
12.	19MEPC607 Computer Aided Machining Laboratory	VI	VI	Equivalented

As the student have cleared all the theory and practical course upto sixth semester and obtained the minimum credit of **95 credit** as per the regulations-2017 of Anna university. The expert members suggested to carry on the R-2019 as per the curriculum and syllabus framed for **2019-regulation** which is equivalented for his qualification obtaining the Degree in Mechanical Engineering.

Item No. 2.4. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of B.E- Mechanical Engineering programme.

The members discussed and approved all the above items. The meeting was concluded with vote of thanks.


Dr.T.Varun Kumar, (HoD/Mech)

Chairman/BoS
Chairman BoS
Department of Mechanical Engineering
P A College of Engineering and Technology
Pollachi - 642 002.



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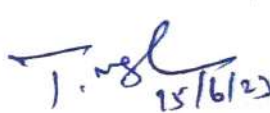
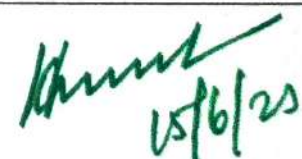
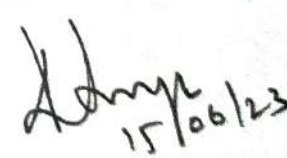
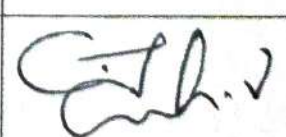
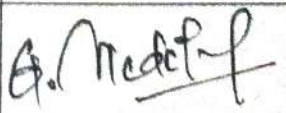
DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF THE BOARD OF STUDIES MEETING-VI

MEETING No. 06

DATE : 15-06-2023
TIME : 10.00 A.M. to 12.00 P.M.
VENUE : Mechanical Seminar Hall

I. The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. T. Varun Kumar Associate Professor and Head, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 15/6/23
2.	Dr. M. Sakthivel Associate Professor, Department of Mechanical Engineering, Anna University, Regional Campus, Coimbatore – 641046	University Nominee	IN ABSENTIA
3.	Dr. K. Ramesh Professor & Head Department of Mechanical Engineering Government College of Technology, Coimbatore - 641013.	Expert Member	 15/6/23
4.	Dr. K. Soorya Prakash Assistant Professor Department of Mechanical Engineering Anna University, Regional Campus Coimbatore - 641046.	Expert Member	 15/06/23
5.	Mr. V. Ganesh, Managing Director, MaxCAD, Coimbatore - 641018.	Industry Representative	
6.	Mr. Madan Kumar G Supplier Quality Engineer Zurn Elkay Water Solutions (USA) Unit 1104, 11 th FLR,	Alumni Member	

	Manjeera Trinity Corporate, Survey 1050, JNTU Hitech City RD Kukatpally, Hyderabad, Telangana – 500072 India		
7.	Dr. D. Senthil Kumar Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	DS 15/6/23
8.	Dr. A. Baskaran Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	AB 15/6/23
9.	Dr. V. P. Suresh Kumar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	V. P. S 15/6/23
10.	Dr. N. Manikandan Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	N. Manikandan 15/6/23
11.	Mr. R. Mohammed Farooq Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	R. Farooq 15/6/23
12.	Dr. N. Gnanasekar Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	N. Gnanasekar 15/6/23

Dr. T. Varun Kumar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi for the III to IV semester of the B.E. Mechanical Engineering programme for the regulation 2022.

The following are the suggestions given by the Experts:

S. No	Experts suggestions and comments	Measures /Modification taken
1.	In Transforms techniques and its applications, experts suggested to include tutorial hour in the third semester	Suggestions Incorporated
2.	Experts recommended to include the Electrical drives and control in the third semester	
3.	In Numerical Methods, experts suggested to include tutorial hour in the fourth semester	
4.	Experts recommended to include the Computer Aided Modelling Laboratory in the fourth semester	

Based on the discussion the board approved the following points.

Item No. 2.1. Approval of Curriculum for 2022 Regulations – B.E.- Mechanical Engineering

The Chairman BoS explained the new curriculum based on AICTE model curriculum. The members elaborately discussed the Curriculum for B.E.- Mechanical Engineering and approved the same.

1. The approved curriculum and syllabi for III semester and IV semester under 2022 Regulations are enclosed. **(Enclosure 1).**
2. The total credits for the B.E.- Mechanical Engineering for III semester and IV semester under 2022 Regulations is arrived as 46 credits is enclosed. **(Enclosure 2).**

Item No. 2.2. Approval of Syllabus for III to IV semester of B.E.- Mechanical Engineering

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from III semester and IV semester for B.E.- Mechanical Engineering.

Item No. 2.3. Approval of Equivalence of Readmission of B.E.- Mechanical Engineering

The following student has applied for readmission and the same has been approved by DOTE, the details are furnished below.

S. No	Register Number	Name of the Student	Sem / Year of Readmission
1	721717114303	Bala Sanjeevi. M	VII / IV

The above student who had joined in B.E. Mechanical Engineering during the academic year 2018-2019 as Lateral Entry under the Regulation (R-2017) and got readmitted after break of study during the academic year 2023-2024 under R-2019. In the R-2019, subjects are equivalence with the R-2017. So the student has no exemption and additional course which are offered in R-2019.

**Item No. 2.4. Review of Vision, Mission, Program Educational Objectives (PEOs),
Program Specific Outcomes (PSOs)**

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of B.E- Mechanical Engineering programme.

The members discussed and approved all the above items. The meeting was concluded with vote of thanks.



Dr.T.Varun Kumar, (HoD/Mech)
Chairman/BoS

Chairman BoS

Department of Mechanical Engineering
P. A. College of Engineering and Technology
Pollachi - 642 002.



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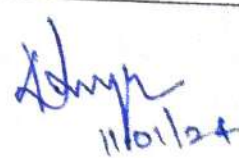
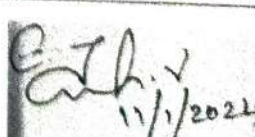
DEPARTMENT OF MECHANICAL ENGINEERING

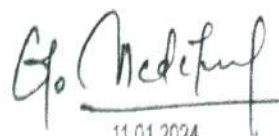
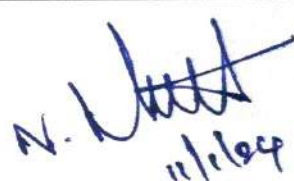
MINUTES OF THE BOARD OF STUDIES MEETING-VII

MEETING No. 07

DATE : 11-01-2024
TIME : 03.00 P.M. to 04.00 P.M.
VENUE : Mechanical Seminar Hall (Online Mode)
LINK : <https://meet.google.com/aoc-tohp-kid?authuser>

I. The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. T. Varun Kumar Associate Professor and Head, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 11/1/24
2.	Dr. M. Sakthivel Associate Professor, Department of Mechanical Engineering, Anna University, Regional Campus, Coimbatore – 641046	University Nominee	IN ABSENTIA
3.	Dr. K. Ramesh Professor & Head Department of Mechanical Engineering Government College of Technology, Coimbatore - 641013.	Expert Member	 11/1/24
4.	Dr. K. Soorya Prakash Assistant Professor Department of Mechanical Engineering Anna University, Regional Campus - Coimbatore - 641046.	Expert Member	 11/01/24
5.	Mr. V. Ganesh, Managing Director, MaxCAD, Coimbatore - 641018.	Industry Representative	 11/1/2024
6.	Mr. Madan Kumar G Supplier Quality Engineer Zurn Elkay Water Solutions (USA)	Alumni Member	

	Unit 1104, 11 th FLR, Manjeera Trinity Corporate, Survey 1050, JNTU Hitech City RD Kukatpally, Hyderabad, Telangana – 500072 India		 11.01.2024
7.	Dr. D. Senthil Kumar Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 11/1/24
8.	Dr. A. Baskaran Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 11/1/24
9.	Dr. V. P. Suresh Kumar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 11/1/24
10.	Dr. N. Manikandan Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 11/1/24
11.	Mr. R. Mohammed Farooq Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 11/1/24
12.	Dr. N. Gnanasekar Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 11/1/24

Dr. T. Varun Kumar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi for the IV semester of the B.E. Mechanical Engineering programme for the regulation 2022.

The following are the suggestions given by the Experts:

S. No	Experts suggestions and comments	Measures /Modification taken
1.	In Numerical Methods, experts suggested to include tutorial hour in the fourth semester	Suggestions Incorporated
2	Experts recommended to include the Computer Aided Modelling Laboratory in the fourth semester	
3	Experts recommended to include the study of various keys used in machine elements for Computer Aided Modelling Laboratory in the fourth semester	

Based on the discussion the board approved the following points.

Item No. 2.1. Approval of Curriculum for 2022 Regulations – B.E.- Mechanical Engineering

The Chairman BoS explained the new curriculum based on AICTE model curriculum. The members elaborately discussed the Curriculum for B.E.- Mechanical Engineering and approved the same.

1. The approved curriculum and syllabi for IV semester under 2022 Regulations are enclosed. **(Enclosure 1).**
2. The total credits for the B.E.- Mechanical Engineering for IV semester under 2022 Regulations is arrived as 24 credits is enclosed. **(Enclosure 2).**

Item No. 2.2. Approval of Syllabus for IV semester of B.E.- Mechanical Engineering

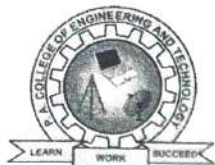
The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from IV semester for B.E.- Mechanical Engineering.

Item No. 2.3. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of B.E- Mechanical Engineering programme.

The members discussed and approved all the above items. The meeting was concluded with vote of thanks.


Dr.T.Varun Kumar, (HoD/Mech)
Chairman/BoS
Chairman BoS
 Department of Mechanical Engineering
 P. A. College of Engineering and Technology
 Pollachi - 642 002.



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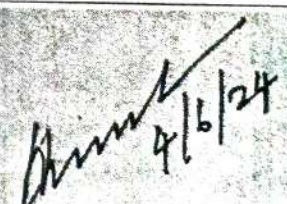
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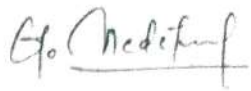
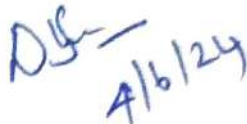
MINUTES OF THE BOARD OF STUDIES MEETING-VIII

MEETING No. 08

DATE : 04-06-2024
TIME : 02.00 P.M. to 03.00 P.M.
VENUE : Mechanical Seminar Hall (Online Mode)
LINK : <https://meet.google.com/oux-euuw-fgf?authuser>

I. The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. T. Varun Kumar Associate Professor and Head, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore – 642002	Chairman Board of Studies	 4/6/24
2.	Dr. M. Sakthivel Associate Professor, Department of Mechanical Engineering, Anna University, Regional Campus, Coimbatore – 641046	University Nominee	 4/6/2024
3.	Dr. K. Ramesh Professor & Head Department of Mechanical Engineering Government College of Technology, Coimbatore - 641013.	Expert Member	 4/6/24
4.	Dr. K. Soorya Prakash Assistant Professor Department of Mechanical Engineering Anna University, Regional Campus Coimbatore - 641046.	Expert Member	 05/06/24
5.	Mr. V. Ganesh, Managing Director, MaxCAD, Coimbatore - 641018.	Industry Representative	 4/6/24

6.	Mr. Madan Kumar G Supplier Quality Engineer Zurn Elkay Water Solutions (USA) Unit 1104, 11 th FLR, Manjeera Trinity Corporate, Survey 1050. JNTU Hitech City RD Kukatpally, Hyderabad, Telangana – 500072, India	Alumni Member	 04/06/2024
7.	Dr. D. Senthil Kumar Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 4/6/24
8.	Dr. A. Baskaran Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 4/6
9.	Dr. V. P. Suresh Kumar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	IN ABSENTIA
10.	Dr. N. Manikandan Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 4/6/24
11.	Mr. R. Mohammed Farooq Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore – 642002	Department Member	 4/6/24
12.	Dr. N. Gnanasekar Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 4/6

Dr. T. Varun Kumar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi for the V semester of the B.E. Mechanical Engineering programme for the regulation 2022.

The following are the suggestions given by the Experts:

S. No	Experts suggestions and comments	Measures /Modification taken
1.	Experts recommended to include the computer aided design and manufacturing theory course	Suggestions Incorporated
2	Experts recommended to include the design of cotter and knuckle joint in the design of machine elements for the fifth semester	
3	Experts recommended to include the study of internal combustion engine in the thermal engineering laboratory for the fifth semester	
4	Experts suggested to study four subjects from R-2022 for readmitted third year student in the 2024-25 academic year	

Based on the discussion the board approved the following points.

Item No. 2.1. Approval of Curriculum for 2022 Regulations – B.E.- Mechanical Engineering

The Chairman BoS explained the new curriculum based on AICTE model curriculum. The members elaborately discussed the Curriculum for B.E.- Mechanical Engineering and approved the same.

1. The approved curriculum and syllabi for V semester under 2022 Regulations are enclosed. (Enclosure 1).
2. The total credits for the B.E.- Mechanical Engineering for V semester under 2022 Regulations is arrived as 23 credits is enclosed. (Enclosure 2).

Item No. 2.2. Approval of Syllabus for V semester of B.E.- Mechanical Engineering

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from V semester for B.E.- Mechanical Engineering.

Item No. 2.3. Approval of Equivalence of Readmission of B.E.- Mechanical Engineering

The following student has applied for readmission and the same has been approved by DOTE, the details are furnished below.

S. No	Register Number	Name of the Student	Sem / Year of Readmission
1	721721114001	Abdul Rahman A	V / III

The above student who had joined in B.E. Mechanical Engineering during the academic year 2021-2025 as first year under the Regulation (R-2019) and got readmitted after break of study during the academic year 2024-2025 under Regulation (R-2022). The following points are examined from the minutes of meeting as discussed below:

MINUTES OF ADDITION & EXEMPTION FOR READMITTED STUDENTS

The following courses are examined by the Experts:

Sl. No	Course Code	Course Title	Studied in Semester		Remarks
			(R 2022)	(R 2019)	
1	22CAHS101	Professional English - I	I	II	Equivalented
2	22CABS102	Matrices and Calculus	I	I	Equivalented
3	22CABS103	Engineering Physics	I	I	Equivalented
4	22CAES104	Engineering Graphics	I	I	Equivalented
5	22CAES105	C Programming	I	II	Equivalented
6	22CAHS109	Heritage of Tamils	I		Additional Equivalented
7	22CAHS201	Professional English - II	II	II	Equivalented
8	22CABS202	Advanced Calculus and its Applications	II	II	Equivalented
9	22MEBS203	Materials Science	II	II	Equivalented
10	22MEBS204	Applied Chemistry	II	I	Equivalented
11	22CAES205	Basics of Electrical and Electronics Engineering	II	III	Equivalented
12	22MEPC206	Engineering Mechanics	II	II	Equivalented
13	22CAHS202	Tamils and Technology	II		Additional Equivalented
14	22CABS301	Transform Techniques and its Applications	III	III	Equivalented
15	22MEPC302	Engineering Thermodynamics	III	III	Equivalented
16	22MEPC303	Fluid Mechanics and Machinery	III	III	Equivalented
17	2MEPC304	Manufacturing Technology - I	III	III	Equivalented
18	22MEES305	Electrical Drives and Control	III		Additional Equivalented
19	22CAMC306	Constitution of India	III	III	No Credit
20	22CABS402	Numerical Methods	IV	IV	Equivalented
21	22MEPC401	Thermal Engineering	IV		Additional Equivalented
22	22MEPC403	Engineering Materials and Metallurgy	IV	IV	Equivalented
23	22MEPC404	Manufacturing Technology-II	IV	IV	Equivalented
24	22MEPC405	Strength of Materials	IV	IV	Equivalented
25	22CAHS306	Environmental Science and Engineering	IV	IV	Equivalented

PRACTICAL

1.	22CAES106	Programming in C Laboratory	I	II	Equivalented
2.	22CAES107	Engineering Practices Laboratory	I	I	Equivalented
3.	22CAHS108	Communication Skills Laboratory	I	IV	Equivalented
4.	22CABS107	Physics and Chemistry Laboratory	II	I & II	Equivalented
5.	2MEES207	Basic Electrical & Electronics Engineering Laboratory	II	I	Equivalented
6.	22MEPC307	Fluid Mechanics and Machinery Laboratory	III	III	Equivalented
7.	22MEPC308	Manufacturing Technology Laboratory - I	III	III	Equivalented
8.	22MEPC407	Manufacturing Technology Laboratory - II	IV	IV	Equivalented
9.	22MEPC408	Strength of Materials Laboratory	IV	IV	Equivalented
10.	22MEPC409	Computer Aided Modelling Laboratory	IV	III	Equivalented

Subjects are not equivalence with the R-2019. So the student has to study following four additional course which are offered in R-2022. The academic year of 2024-2025 in Odd semester, 22CAHS109 Heritage of Tamils and 22MEES305 Electrical drives and control subjects are selected and the same academic year of even semester 22CAHS202 Tamil Technology and 22MEPC401 Thermal Engineering subjects are selected to study.

S.No	Subject Name		Sem	Credit
1	22CAHS109	Heritage of Tamils	I	1
2	22CAHS202	Tamils and Technology	II	1
3	22MEES305	Electrical Drives and Control	III	3
4	22MEPC401	Thermal Engineering	IV	3
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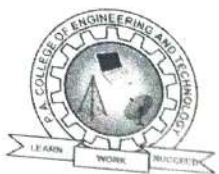
Item No. 2.4. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of B.E- Mechanical Engineering programme. The members discussed and approved all the above items. The meeting was concluded with vote of thanks.




Dr. T. Varun Kumar, (HoD/Mech)
Chairman/BoS

Department of Mechanical Engineering
 P.A. College of Engineering and Technology
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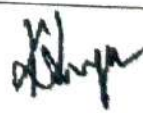


DEPARTMENT OF MECHANICAL ENGINEERING
MINUTES OF THE BOARD OF STUDIES MEETING-IX

MEETING No. 09

DATE : 20-11-2024
TIME : 03.00 P.M. to 04.00 P.M.
VENUE : CAD Lab (Online Mode)
LINK : <https://meet.google.com/osu-xkqy-jyn>

I. The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. T. Varun Kumar Associate Professor and Head, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore – 642002	Chairman Board of Studies	 20/11/24
2.	Dr. M. Sakthivel Associate Professor, Department of Mechanical Engineering, Anna University, Regional Campus, Coimbatore – 641046	University Nominee	 20.11.2024
3.	Dr. K. Ramesh Professor & Head Department of Mechanical Engineering Government College of Technology, Coimbatore - 641013.	Expert Member	 20.11.2024
4.	Dr. K. Soorya Prakash Assistant Professor Department of Mechanical Engineering Anna University, Regional Campus Coimbatore - 641046.	Expert Member	 20.11.2024
5.	Mr. V. Ganesh, Managing Director, MaxCAD, Coimbatore - 641018.	Industry Representative	 20/11/2024

6.	Mr. Madan Kumar G Supplier Quality Engineer Zurn Elkay Water Solutions (USA) Unit 1104, 11 th FLR, Manjeera Trinity Corporate, Survey 1050, JNTU Hitech City RD Kukatpally, Hyderabad, Telangana - 500072, India	Alumni Member	 20.11.2024
7.	Dr. D. Senthil Kumar Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 20.11.24
8.	Dr. A. Baskaran Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 20/11/24
9.	Dr. V. P. Suresh Kumar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 20/11/24
10.	Dr. N. Manikandan Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 20/11/24
11.	Mr. R. Mohammed Farooq Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 20/11/24
12.	Dr. N. Gnanasekar Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 20/11/24

Dr. T. Varun Kumar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi for the VI semester of the B.E. Mechanical Engineering programme for the regulation 2022.

The following are the suggestions given by the Experts:

S. No	Experts suggestions and comments	Measures /Modification taken
1.	Experts suggested incorporating the "Mechanisms for Control" unit from the Theory of Machines course into the sixth semester curriculum	Suggestions Incorporated
2	Experts recommended combining the rotor systems from the sixth experiment and the governors from the eighth experiment in the Theory of Machines laboratory for the sixth semester.	
3	Experts recommended incorporating certain Thermal Engineering experiments into the Heat Transfer laboratory for the sixth semester.	
4	Experts suggested prioritizing thermal subjects in Professional Elective II for the sixth-semester curriculum.	

Based on the discussion the board approved the following points.

Item No. 2.1. Approval of Curriculum for 2022 Regulations – B.E.- Mechanical Engineering

The Chairman BoS explained the new curriculum based on AICTE model curriculum. The members elaborately discussed the Curriculum for B.E.- Mechanical Engineering and approved the same.

1. The approved curriculum and syllabi for VI semester under 2022 Regulations are enclosed. (**Enclosure 1**).
2. The total credits for the B.E.- Mechanical Engineering for VI semester under 2022 Regulations is arrived as 23 credits is enclosed. (**Enclosure 2**).

Item No. 2.2. Approval of Syllabus for VI semester of B.E.- Mechanical Engineering

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from VI semester for B.E.- Mechanical Engineering.

Item No. 2.3. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of B.E- Mechanical Engineering programme. The members discussed and approved all the above items. The meeting was concluded with vote of thanks.


Dr.T.Varun Kumar, (HoD/Mech)
Chairman/BoS
Chairman BoS
 Department of Mechanical Engineering
 P. A. College of Engineering and Technology
 Pollachi - 642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Accredited by NAAC with 'A' Grade and Accredited by NBA

POLLACHI, COIMBATORE – 642 002



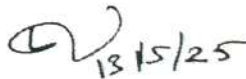
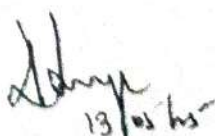
DEPARTMENT OF MECHANICAL ENGINEERING

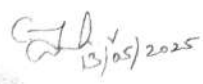
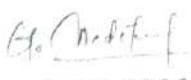
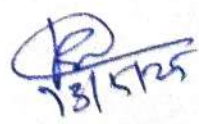
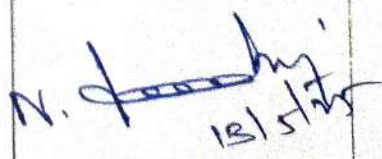
MINUTES OF THE BOARD OF STUDIES MEETING-X

MEETING No. 10

DATE : 13-05-2025
TIME : 03.00 P.M. to 04.00 P.M.
VENUE : CAD Lab (Online Mode)
LINK : <https://meet.google.com/pux-cpfe-eid>

I. The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. T. Varun Kumar Associate Professor and Head, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore – 642002	Chairman Board of Studies	 13/5/25
2.	Dr. M. Sakthivel Associate Professor, Department of Mechanical Engineering, Anna University, Regional Campus, Coimbatore – 641046	University Nominee	 13/5/25
3.	Dr. K. Ramesh Professor & Head Department of Mechanical Engineering Government College of Technology, Coimbatore - 641013.	Expert Member	 13/5/25
4.	Dr. K. Soorya Prakash Assistant Professor Department of Mechanical Engineering Anna University, Regional Campus Coimbatore - 641046.	Expert Member	 13/5/25

5.	Mr. V. Ganesh, Managing Director, MaxCAD, Coimbatore - 641018.	Industry Representative	 13/05/2025
6.	Mr. Madan Kumar G Supplier Quality Engineer Zurn Elkay Water Solutions (USA) Unit 1104, 11 th FLR, Manjeera Trinity Corporate, Survey 1050. JNTU Hitech City RD Kukatpally, Hyderabad, Telangana – 500072, India	Alumni Member	 13.05.2025
7.	Dr. D. Senthil Kumar Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Dr. A. Baskaran Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 13/5/25
9.	Dr. V. P. Suresh Kumar Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 13/5/25
10.	Dr. N. Manikandan Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 13/5/25
11.	Mr. R. Mohammed Farooq Assistant Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore – 642002	Department Member	 13/5/25
12.	Dr. N. Gnanasekar Associate Professor, Dept. of Mechanical Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 13/5/25

Dr. T. Varun Kumar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi for the VII & VIII semester of the B.E. Mechanical Engineering programme for the regulation 2022.

The following are the suggestions given by the Experts:

S. No	Experts suggestions and comments	Measures / Modification taken
1.	Experts recommended including the application oriented topics in under water and medical field at the fifth unit of Industrial robotics.	Suggestions Incorporated
2	Experts suggest including the latest edition in energy conservation management theory subjects from professional electives.	
3	Experts suggested prioritizing energy stream in Professional Elective IV at the Seventh-semester curriculum.	

Based on the discussion the board approved the following points.

Item No. 2.1. Approval of Curriculum for 2022 Regulations – B.E.- Mechanical Engineering

The Chairman BoS explained the new curriculum based on AICTE model curriculum. The members elaborately discussed the Curriculum for B.E.- Mechanical Engineering and approved the same.

1. The approved curriculum and syllabi for VII & VIII semester under 2022 Regulations are enclosed. **(Enclosure 1).**
2. The total credits for the B.E.- Mechanical Engineering for VII & VIII semester under 2022 Regulations is arrived as 34 credits is enclosed. **(Enclosure 2).**

Item No. 2.2. Approval of Syllabus for VII & VIII semester of B.E.- Mechanical Engineering

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from VII & VIII semester for B.E.- Mechanical Engineering.

Item No. 2.3. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of B.E- Mechanical Engineering programme. The members discussed and approved all the above items. The meeting was concluded with vote of thanks.

Dr. T. Varun Kumar, (HoD/Mech)

Chairman/BoS
Chairman BoS

Department of Mechanical Engineering
P. A. College of Engineering and Technology
Pollachi - 642 002.