



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P – 516126, INDIA

MEETING MINUTES of FIRST BOARD OF STUDIES

ACADEMIC YEAR: 2024-25

Date & Time: 24/08/2024 & 02:30PM

Venue: Mechanical Engineering Block



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Ref.No.:AU/SoE/ME/BOS-01/2024-25/MOM-01

Date: 24/08/2024

DEPARTMENT OF MECHANICAL ENGINEERING

1st BoS Minutes of Meeting

The 1st meeting of Board of Studies (BoS) for Department of Mechanical Engineering is held in hybrid mode on 24th August, 2024 in Room No. 102 of Mechanical Engineering Block at 02:30 PM in the presence / absence of the following members of the board.

Members of Presence:

Sl.No	Name	Designation	Status
1	Dr. A. Hemantha kumar	Professor & Head Dept. of Mechanical Engineering Annamacharya University Rajampet. Ph: 9440272504 Email: ahkaits@gmail.com	Chairman
2	Dr N. Sivarami Reddy	Professor & Dean R & D Dept of Mechanical Engineering Annamacharya University Rajampet. Ph: 9848998645 Email: aits.med.nsrr@gmail.com	Senior Faculty – Member
3	Mr.B Santhosh Kumar	Assistant Professor Dept of Mechanical Engineering Annamacharya University Rajampet. Ph: 9000916658 Email: aits.med.bsk@gmail.com	Course Coordinator- Member
4	Mr Ajaya Kumar Reddy K	Assistant Professor Dept of Mechanical Engineering Annamacharya University Rajampet. Ph: 9703926212 Email: aits.med.kakr@gmail.com	Course Coordinator- Member
5	Dr Anil Kumar E	Professor Department of Mechanical Engineering IIT Tirupati Email: anil@iittp.ac.in	Subject Expert – Member
6	Dr V Diwakar Reddy	Professor & Head SVU College of Engineering SV University, Tirupati-517501 Ph: 9440088282	Subject Expert – Member
7	Dr B Durga Prasad	Professor, JNTUA College of Engineering, JNTUA- Ananthapuramu. Ph: 9441074399	University Nominee- Member



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Sl.No	Name	Designation	Status
8	Mr S Veeranjanyulu	Head, Business Development Pennar Aerospace Division Hyderabad, Ph: 7799597874 Veera.s@pennarindia.com	Industry Representative Member –
9	Mr S Bala Krishna	HCL Technologies, System Analyst Bengaluru, Ph: 9573572923 Surimisetty.balak@hcltech.com	Alumni Representative Member -

Members of Absence: NIL

Agenda of the Meeting:

Item No	Particulars
BoS/2024/MECH/1.1	Welcome and Introduction
BoS/2024/MECH/1.2	Review and Approval of First-Year B.Tech. Course Structure and Syllabi under AU24 Regulations
BoS/2024/MECH/1.3	Introduction of New Programs (if applicable)
BoS/2024/MECH/1.4	Review and Approval of M.Tech Course Structure and Detailed Syllabi under AU24 Regulations
BoS/2024/MECH/1.5	Discussion on the Inclusion of Industry-Relevant Courses and Emerging Technologies for Upcoming 2 nd , 3 rd , and 4 th Years under AU24 Regulations.
BoS/2024/MECH/1.6	Discussion and Approval of the Annamacharya University Research Admission Test -2024 (AURAT) syllabus for the Mechanical Engineering
BoS/2024/MECH/1.7	Discussion and Approval of the course work, including Core subjects and Research Methodology, for Research Programs
BoS/2024/MECH/1.8	Approval of the List of Examiners for First-Year Courses/Subjects
BoS/2024/MECH/1.9	Any other item with permission of the Chair

MINUTES OF THE MEETING

Agenda Item No. BoS/2024/MECH/1.1: Welcome and Introduction

Welcome:

Dr A. Hemantha Kumar, Head, Department of Mechanical Engineering has extended warm welcome to all the members.

Introduction:

At the outset, Dr A. Hemantha Kumar, Head, Department of Mechanical Engineering introduced all the members of the Board of Studies and thanked them for accepting the invitation to the 1st BoS meeting.



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The Chairman has presented the Vision, Mission, Program Educational Objectives, Program outcomes and Program Specific Outcomes of the B.Tech Mechanical Engineering. After the discussion the members resolved to approve the Vision, Mission, PEOs, POs & PSOs.

Vision of the Department:

“We envision the department as a premier knowledge centre, by uniting teaching, learning, and research to deliver impactful technical education and innovative research for societal benefit”.

Mission of the Department:

M1 - To establish a climate of respect and excellence through precise academic standards.

M2 - To implement the curriculum that incorporates modern research, encourages creative thinking, and enhances students' capacity for critical analysis and problem-solving.

M3 - To execute the program that promote ethical values, diversity, and community engagement through curriculum, activities, and support services.

The Vision, Mission, PEOs, POs and PSOs are stated in the Annexure-I.

Resolution:

The BOS members resolved and approved the Vision, Mission, PEOs, POs and PSOs of the Mechanical Engineering.

Agenda Item No. BoS/2024/MECH/1.2: Review and Approval of First-Year B.Tech Course Structure and Syllabi under AU24 Regulations

Dr A. Hemantha Kumar presented the First-Year course structure and syllabi to the members. The following discussions are made.

- i) Dr B. Durga Prasad and Dr V Diwakar Reddy suggested to change the title of the course “The Joy of Computing using python” as “Basic Computing using Python”.
- ii) Dr B. Durga Prasad suggested to change the title of Unit-V of Engineering drawing subject from “Isometric projections/Views” to “Isometric Projections/Conversions”.

The First-Year course structure and detailed syllabi of Mechanical subjects is shown in Annexure-II.

Resolution:

After the deliberations the members of BoS accepted for change of name of Unit-V as “Isometric Projections/Conversions”. The change in the course title offered by CSE “The Joy of Computing using python” is shared with the Computer Science & Engineering department for discussion in their Board of studies. The members unanimously approved the First-Year Course Structure & Syllabi under AU24 regulations.



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Agenda Item No. BoS/2024/MECH/1.3: Introduction of New Programs

The Chairman of Board of Studies opened the discussion on introduction of new programs in the department. The deliberations are made on applying for new programmes keeping the available resources in the department.

Resolution:

After the discussions the members encouraged to apply for the new programmes based on the resources available and keeping the thrust areas in the mind for the next academic year.

Agenda Item No. BoS/2024/MECH/1.4: Review and Approval of M.Tech Course Structure and Detailed Syllabi under AU24 Regulations

M. Tech Course Structure and detailed Syllabi has been presented by Dr A Hemantha Kumar for discussion among the members of the Board of Studies of Mechanical Engineering.

Dr B Durga Prasad suggested that the MOOC courses selection must be in relevance to the specialization of the programme of study in which the post graduate students are enrolled and also suggested that the course should be a 12-week course as offered by any platform offering MOOC. The chairman proposed the enrolment of MOOC course by a student is based on the recommendation of the committee constituted by the Head of the Department.

Dr B Durga Prasad also suggested that the Substitute subject for a student failed in the MOOC course must be equivalent to that of the subject already studied.

M.Tech Course Structure and detailed syllabi under AU24 Regulations are provided in Annexure-III.

Resolution:

After the deliberations the members approved the M.Tech Course Structure and detailed syllabi under AU24 Regulations.

Agenda Item No. BoS/2024/MECH/1.5: Discussion on the Inclusion of Industry-Relevant Courses and Emerging Technologies for Upcoming 2nd, 3rd, and 4th Years under AU24 Regulations.

Dr Anil Kumar E suggested to introduce the following industry relevant courses while framing the structure for 2nd, 3rd and 4th year.

- “Electric Vehicles, Hydrogen & Fuel Cells” course under Thermal Division.
- “Rapid Prototyping/Additive Manufacturing/3D-Printing” courses under Manufacturing Division.
- “Design and manufacturing of composite Materials” under Design Division
- “Autonomous Vehicles” as one advanced course.
- A Course on “Applications of IOT and Machine Learning in Manufacturing”.

Resolution:

The members suggested to include the above subjects while framing the courses for 2nd, 3rd and 4th year course structure.



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Agenda Item No. BoS/2024/MECH/1.6: Discussion and Approval of the Annamacharya University Research Admission Test -2024 (AURAT) syllabus for the Mechanical Engineering.

Dr A. Hemantha Kumar presented the syllabus of Mechanical Engineering for Research admission test i.e., AURAT-2024.

Resolution:

Members unanimously approved the syllabus of mechanical engineering for Research admission test.

Agenda Item No. BoS/2024/MECH/1.7: Discussion and Approval of the course work, including Core subjects and Research Methodology, for Research Programs.

Dr A. Hemantha Kumar presented the syllabus of Research methodology, Research publications and ethics. The Course work including the core subjects is also presented.

BoS members suggested that the core subjects course work selection is based on the Doctoral committee recommendations and their approval apart from the mandatory courses.

Resolution:

Members approved the syllabus for research methodology, research publications and ethics courses.

Agenda Item No. BoS/2024/MECH/1.8: Approval of the List of Examiners for First-Year Courses/Subjects.

Dr A. Hemantha Kumar presented the list of examiners for First-Year courses. Members suggested for modification in the list of examiners and suggested to follow the guidelines as per the norms of the University.

List of Examiners is provided in the Annexure-IV.

Resolution:

Members approved the List of examiners for First-Year Courses/Subjects.

Agenda Item No. BoS/2024/MECH/1.9: Any other item with permission of the Chair.

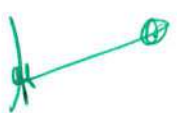


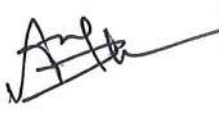
-NIL-



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BoS Members:

Sl.No	Name	Status	Signature with Date
1	Dr. A. Hemantha kumar, Professor & Head Dept. of Mechanical Engineering Annamacharya University Rajampet. Ph: 9440272504 Email: ahkairs@gmail.com	Chairman	
2	Dr N. Sivarami Reddy Professor & Dean R & D Dept of Mechanical Engineering Annamacharya University Rajampet. Ph: 9848998645 Email: aits.med.nsrr@gmail.com	Senior Faculty – Member	
3	Mr.B Santhosh Kumar Assistant Professor Dept of Mechanical Engineering Annamacharya University Rajampet. Ph: 9000916658 Email: aits.med.bsk@gmail.com	Course Coordinator- Member	
4	Mr Ajaya Kumar Reddy K Assistant Professor Dept of Mechanical Engineering Annamacharya University Rajampet. Ph: 9703926212 Email: aits.med.kakr@gmail.com	Course Coordinator - Member	
5	Dr Anil Kumar E Professor IIT Tirupati	Subject Expert – Member	Attended Online
6	Dr V Diwakar Reddy Professor & Head SVU College of Engineering SV University, Tirupati-517501 Ph: 9440088282	Subject Expert – Member	Attended Online
7	Dr B Durga Prasad Professor, JNTUA College of Engineering, JNTUA-Ananthapuramu Ph: 9441074399	University Nominee- Member	Attended Online
8	Mr S Veeranjanyulu Head, Business Development Pennar Aerospace Division Hyderabad, Ph: 7799597874 Veera.s@pennarindia.com	Industry Representative – Member	Attended Online
9	Mr S Bala Krishna HCL Technologies, System Analyst Bengaluru, Ph: 9573572923 Surimisetty.balak@hcltech.com	Alumni Representative - Member	Attended Online



Hemanth Kumar <aits.med.ahk@gmail.com>

BoS Meeting Minutes

6 messages

K. Ajay Kumar Reddy <kakr@aitsrajampet.ac.in>

Mon, Sep 2, 2024 at 4:57 PM

To: "aits.med.ahk@gmail.com" <aits.med.ahk@gmail.com>, "Dr. A. Hemanth Kumar" <ahk@aitsrajampet.ac.in>

Sir,

Please refer to the file attached to this email.
The minutes of meeting of BoS of Mechanical Engineering.
This for your kind consideration.

Thanking you

With regards
AJaya Kumar Reddy K

BoS-1 MoM.pdf
278K**Hemanth Kumar** <aits.med.ahk@gmail.com>

Mon, Sep 2, 2024 at 5:36 PM

To: "K. Ajay Kumar Reddy" <kakr@aitsrajampet.ac.in>
Cc: "Dr. A. Hemanth Kumar" <ahk@aitsrajampet.ac.in>

Thanks for the mail.
[Quoted text hidden]

Hemanth Kumar <aits.med.ahk@gmail.com>

Mon, Sep 9, 2024 at 10:48 AM

To: Veera.s@pennarindia.com, Surimisetty.balak@hcltech.com, vdrsvuce@gmail.com, sivarami reddy narapureddy <siva.narapureddy@gmail.com>, santosh kumar <aits.med.bsk@gmail.com>, durga.mech@jntua.ac.in, anil@iitp.ac.in

Sir,

I hope this email finds you well. On behalf of Annamacharya University, we are delighted to thank you for attending the first BOS Meeting on 24-08-2024 to serve as an esteemed expert member of the Board of Studies in the Department of Mechanical Engineering. Your valuable suggestions are incorporated in the minutes of the BOS meeting. Please refer to the file attached to this email. This for your kind consideration and approval of the same.

Thanking you
with regards
Hemantha Kumar A
HOD

BoS-1 MoM.pdf
278K**DIWAKAR REDDY.V** <vdrsvuce@gmail.com>

Mon, Sep 9, 2024 at 10:57 AM

To: Hemanth Kumar <aits.med.ahk@gmail.com>
Cc: Veera.s@pennarindia.com, Surimisetty.balak@hcltech.com, sivarami reddy narapureddy <siva.narapureddy@gmail.com>, santosh kumar <aits.med.bsk@gmail.com>, durga.mech@jntua.ac.in, anil@iitp.ac.in**Approved**

[Quoted text hidden]

Dr. B. Durga Prasad <durga.mech@jntua.ac.in>

Mon, Sep 9, 2024 at 11:00 AM

To: Hemanth Kumar <aits.med.ahk@gmail.com>

9/10/24, 8:51 AM

Gmail - BoS Meeting Minutes

Dear Hemanth,
Approved.
With regards
Prof.Durga Prasad, JNTUA
[Quoted text hidden]

Anil Kumar <anil@iittp.ac.in>

Mon, Sep 9, 2024 at 11:15 AM

To: Hemanth Kumar <aits.med.ahk@gmail.com>

Cc: Veera.s@pennarindia.com, Surimisetty.balak@hcltech.com, vdrsvuce@gmail.com, sivarami reddy narapureddy <siva.narapureddy@gmail.com>, santosh kumar <aits.med.bsk@gmail.com>, durga.mech@jntua.ac.in

Approved.
[Quoted text hidden]