



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

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

Date: 24/08/2024

DEPARTMENT OF CIVIL ENGINEERING

1st BoS Minutes of Meeting

The 1st Board of Studies was held by Hybrid Mode using Microsoft teams in the Department of Civil Engineering on 24th Aug 2024 in Room.No-202 of Civil Engineering at 10:00 AM in the presence/absence of the following members of the board.

Members Present:

Sl.No.	Name	Affiliation	Role in BoS
1	Dr. T. Naresh Kumar	Associate Professor & Head Dept. of Civil Engineering, Annamacharya University Rajampet. Ph: 9247456454 Email: tnk@aitsrajampet.ac.in	Chairman
2	Dr. N.R. Gowthami	Assistant Professor, Dept of Civil Engineering Annamacharya University Rajampet. Ph: 8985515900 Email: nrg@aitsrajampet.ac.in	Senior Faculty – Member
3	Dr. D. Gouse Peera	Assistant Professor, Dept of Civil Engineering Annamacharya University Rajampet. Ph: 9963625425 Email: dgp@aitsrajampet.ac.in	Senior Faculty – Member
4	Mr. S. Venkata Vara Prasad	Assistant Professor Dept of Civil Engineering Annamacharya University Rajampet. Ph: 8309414515 Email: svvp@aitsrajampet.ac.in	Course Coordinator- Member
5	Dr. G. Appa Rao	Professor, Dept. of Civil Engg., IIT, Madras. Email: garao@iitn.ac.in	Subject Expert – Member
6	Dr. A. Ramachandra Murthy	Senior Principal Scientist, CSIR- SERC, Chennai. Email: murthyarc@serc.res.in	Subject Expert – Member
7	Dr. M. Srimurali	Professor, Dept. of Civil Engineering, SV University, Tirupati Email: msrimurali@gmail.com	University Nominee- Member
9	Mr. G. Ravindra Kumar	Senior Engineer, Samarth Infra Engg. Techno crats Pvt. Ltd., Hyderabad. Email: ravindra@samarthinfrigg.com	Alumni Representative - Member

Members Absent: Sri. S. Babu, Industry Representative – Member, Sr. Vice President (Tech.), NCC Limited.



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Agenda of the Meeting:

Item No	Particulars
BoS/2024/ CIVIL /1.1	Welcome and Introduction
BoS/2024/ CIVIL /1.2	Review and Approval of First-Year B.Tech. Course Structure and Syllabi under AU24 Regulations
BoS/2024/ CIVIL /1.3	Introduction of New Programs (if applicable)
BoS/2024/ CIVIL /1.4	Review and Approval of M.Tech Course Structure and Detailed Syllabi under AU24 Regulations
BoS/2024/ CIVIL /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/ CIVIL /1.6	Discussion and Approval of the Annamacharya University Research Admission Test -2024 (AURAT) syllabus for the Civil Engineering
BoS/2024/ CIVIL /1.7	Discussion and Approval of the course work, including Core subjects and Research Methodology, for Research Programs
BoS/2024/ CIVIL /1.8	Approval of the List of Examiners for First-Year Courses/Subjects
BoS/2024/ CIVIL /1.9	Any other item with permission of the Chair

MINUTES OF THE MEETING

Agenda Item No. BoS/2024/CIVIL /1.1: Welcome Address by chairman of BOS and Introduction of members

Welcome:

Dr. T. Naresh Kumar, Associate Professor & Head, Department of Civil Engineering has extended warm welcome to all the members.

Introduction:

At the outset, Dr. T. Naresh Kumar, Associate Professor & Head, Department of Civil Engineering introduced all the members of the Board of Studies and thanked them for accepting the invitation to the 1st BoS meeting.

Chairman of the Board, welcomed all the members of Civil Engineering Department - Board of Studies. He introduced External subject experts Dr. G. Appa Rao, Professor-CE, IIT Madras, Dr. A. Ramachandra Murthy, Senior Principal Scientist, CSIR-SERC, Chennai, Dr. M. Sri Murali, Professor-CE, SV University College of Engineering Tirupati, Sri S. Babu, Vice President, NCC Ltd., Hyderabad, Mr G. Ravindra Kumar, Senior Engineer, Smart Infra Engg. Techno Crats Pvt. Ltd., Hyderabad. The agenda for the CE -BOS meeting was then read and the forum was open for individual subject deliberations. The Chairman has presented the Civil Engineering Department Vision, Mission, Program Educational Objectives, Program Specific Outcomes and Program Outcomes.

HEAD OF THE DEPARTMENT
CIVIL ENGINEERING
ANNAMACHARYA UNIVERSITY
RAJAMPET, ANNAMAYYA DIST. A.P.



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
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Vision:

To be a leading department in civil engineering, recognized for excellence in education and research, dedicated to developing innovative and ethically-minded engineers who advance sustainable development and societal well-being.

Mission:

M1: To uphold the values of 'Vidwan Sarvatra Pujyatheey' by providing civil engineering education that emphasizes ethical conduct, knowledge, and professional excellence.

M2: To deliver high-quality education through innovative teaching, rigorous research, and the promotion of critical thinking and problem-solving skills.

M3: To foster a supportive and inclusive environment that inspires graduates to contribute positively to society through sustainable and impactful civil engineering solutions.

The Vision, Mission, PEOs, POs and PSOs of Civil Engineering as stated in **Annexure-I**

Board of Studies (BoS) oversees the development and maintenance of the curriculum for academic programs. It composed of chairman, senior faculty, course coordinators, subject expert, University Nominee, Industry professionals and Alumni. The BoS is responsible for designing course content, recommending textbooks, and setting academic standards. The members of BoS reviews and develop the curriculum and send it to the Academic Council for approval. The new curriculum is introduced at the start of an academic year; after implementing the updated curriculum, continuous monitoring will be done by the BoS members and periodic revision is there to review and update the curriculum to keep it up-to-date. The curriculum includes new knowledge, skills, and technologies, ensuring that students receive a quality education that prepares them for future challenges in their careers.

Resolution: The BOS members resolved and approved the Vision, Mission, PEOs, POs and PSOs of Civil Engineering department.

Agenda Item No. BoS/2024/CIVIL/1.2: Review and Approval of First year B.Tech. Civil Engineering Course structure and Syllabi under AU24 Regulations

Dr T Naresh Kumar presented the first-year course structure and syllabi with 160 credits scheme

(AU 24) with reference to core courses, Professional Electives Courses (PEs), Open Elective Courses (OECs) and skill based / skill oriented / soft skills courses of I. B. Tech Civil Engineering Course

HEAD OF THE DEPARTMENT
CIVIL ENGINEERING

ANNAMACHARYA UNIVERSITY
RAJAMPET, ANNAMAYYA DIST, A.P.



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Rajampet, Annamayya District, A.P – 516126, INDIA

structure and Syllabi for 'AU24' regulations in line with AICTE & APSCHE to the members, the following discussions are made.

Dr. G. Appa Rao, suggested to replace “Computer Applications in Civil Engineering” with “Basic Civil Engineering” in Semester II.

Dr. G. Appa Rao & Dr Sri Murali, suggested to keep Analysis of structures and Friction as Unit-II and Properties of Surfaces and Moment of Inertia as Unit-III in Engineering Mechanics (Semester -I).

Dr. A. Ramachandra Murthy and Mr. G. Ravindra Kumar, suggested to renamed as Analysis of trusses and Friction in place of Analysis of Structures and Friction in Engineering Mechanics (Semester -I).

First year B.Tech. Civil Engineering Course structure and Syllabi under AU24 Regulations as enclosed in **Annexure-II**.

Resolution:

After deliberations the members of BOS accepted the following changes, In Engineering Mechanics (Semester -II), Unit-II is named as Analysis of Structures and Friction. Basic Civil Engineering course is added in semester-II instead of Computer Applications in Civil Engineering.


Agenda Item No. BoS/2024/CIVIL /1.3: Review and Approval of M. Tech Structural Engineering Course structure and Detailed Syllabi under AU24 Regulations

M. Tech Course Structure and detailed Syllabi of M.Tech (Structural Engineering) with 68 credits scheme (AU 24) with reference to core courses, Professional Electives Courses (PECs), Open Elective Courses for 'AU24' regulations in line with AICTE is presented by Dr T Naresh Kumar for discussion among the members of the Board.

Dr G Appa Rao suggested that the Professional Elective courses are through MOOCs must be in relevance to the core courses of structural Engineering.

Dr Sri Murali suggested that the course should be a 12-week course as offered by any platform offering MOOCs course. 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 G Appa Rao 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 (Structural Engineering) Course Structure and detailed syllabi under AU24 Regulations are provided in **Annexure-III**.


HEAD OF THE DEPARTMENT
CIVIL ENGINEERING
ANNAMACHARYA UNIVERSITY
RAJAMPET, ANNAMAYYA DIST. A.P.



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

structure and Syllabi for 'AU24' regulations in line with AICTE & APSCHE to the members, the following discussions are made.

Dr. G. Appa Rao, suggested to replace “Computer Applications in Civil Engineering” with “Basic Civil Engineering” in Semester II.

Dr. G. Appa Rao & Dr Sri Murali, suggested to keep Analysis of structures and Friction as Unit-II and Properties of Surfaces and Moment of Inertia as Unit-III in Engineering Mechanics (Semester -I).

Dr. A. Ramachandra Murthy and Mr. G. Ravindra Kumar, suggested to renamed as Analysis of trusses and Friction in place of Analysis of Structures and Friction in Engineering Mechanics (Semester -I).

First year B.Tech. Civil Engineering Course structure and Syllabi under AU24 Regulations as enclosed in **Annexure-II**.

Resolution;

After deliberations the members of BOS accepted the following changes, In Engineering Mechanics (Semester -II), Unit-II is named as Analysis of Structures and Friction. Basic Civil Engineering course is added in semester-II instead of Computer Applications in Civil Engineering.


Agenda Item No. BoS/2024/CIVIL /1.3: Review and Approval of M. Tech Structural Engineering Course structure and Detailed Syllabi under AU24 Regulations

M. Tech Course Structure and detailed Syllabi of M.Tech (Structural Engineering) with 68 credits scheme (AU 24) with reference to core courses, Professional Electives Courses (PECs), Open Elective Courses for 'AU24' regulations in line with AICTE is presented by Dr T Naresh Kumar for discussion among the members of the Board.

Dr G Appa Rao suggested that the Professional Elective courses are through MOOCs must be in relevance to the core courses of structural Engineering.

Dr Sri Murali suggested that the course should be a 12-week course as offered by any platform offering MOOCs course. 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.

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HEAD OF THE DEPARTMENT
CIVIL ENGINEERING
ANNAMACHARYA UNIVERSITY
RAJAMPET, ANNAMAYYA DIST, A.P.



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

Resolution:

After the deliberations the members approved the M.Tech(Structural Engineering) Course Structure and detailed syllabi under AU24 Regulations with Professional core courses, mandatory courses are delt offline and Professional elective courses are by MOOCs not less than 12 weeks.

Agenda Item No. BoS/2024/CIVIL /1.4: Discussion on inclusion of industry relevant courses and emerging technologies for upcoming II, III & IV years of B.Tech. under AU24 Regulations

Dr. M. Sri Murali, Professor-CE, SV University Tirupati -Subject Expert Member proposed to have internships during summer break, thereby students can gain industry-oriented knowledge with sufficient time.

Dr. G. Appa Rao, suggested courses like Building Information modelling in structures stream and Energy efficient buildings for attaining sustainable constructions.

Dr. M. Sri Murali suggested to include Vaastu in Construction as one of the skill courses to be delt technically.

Dr. A. Ramachandra Murthy, suggested to include technical paper writing and IPR for research promotion in students.

The Course structure of II, III and IV B.Tech Civil Engineering program as enclosed in **Annexure-IV**.

Resolution: The courses Building Information modelling, Vaastu in Construction and Technical paper writing and IPR were accepted to include in II, III and IV B.Tech Civil Engineering program.

Agenda Item No. BoS/2024/ CIVIL /1.5: Discussion and Approval of the Annamacharya University Research Admission Test-2024(AURAT) Syllabus of the Civil Engineering Department

The chairman presented Annamacharya University Research Admission Test-2024(AURAT) Syllabus of the civil engineering department. After thorough discussion the syllabus is approved as enclosed in Annexure-V.

Resolution: The members approved the Syllabus of the Annamacharya University Research Admission Test-2024(AURAT) for Civil Engineering Department.

Agenda Item No. BoS/2024/ CIVIL /1.6: Discussion and Approval of Course work, including Core subjects of Civil Engineering and Research Methodology for Research Programs.

Dr T Naresh Kumar presented the syllabus of Core subjects of Civil Engineering and Research Methodology.

HEAD OF THE DEPARTMENT
CIVIL ENGINEERING
ANNAMACHARYA UNIVERSITY
RAJAMPET, ANNAMAYYA DIST, A.P.



ANNAMACHARYA UNIVERSITY

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Dr. A. Ramachandra Murthy, Senior Principal Scientist, CSIR-SERC, Chennai - Subject Expert Member proposed to add Experimental Stress Analysis in Course Work in Ph.D program and also suggested that all Ph.D Courses in course work are considered from MOOCs courses with a duration not less than 12 weeks.

Dr G Appa Rao, suggested to include research publications and ethics in course work and Members of the Board, suggested that the core subjects course work selection is based on doctoral committee recommendations of the department.

Resolution: Members of the board approved that all the course work subjects are through MOOCs not less than 12 weeks.

Agenda Item No. BoS/2024/CIVIL /1.7: Approval of list of examiners for first year Core courses/Subjects.

Dr T Naresh Kumar presented the list of examiners for first year Core Courses. Members of the Board, suggested for modifications to follow University norms.

list of examiners for first year Core courses as enclosed in **Annexure-V**

Resolutions: Members of the board approved list of examiners for first year Core courses

Agenda Item No. BoS/2024/ CIVIL /1.7: Any other item with permission of Chair.

-NIL-

As all items on the agenda have been discussed and resolved, the chairman of the BOS concluded that there are no other items to be discussed.


HEAD OF THE DEPARTMENT
CIVIL ENGINEERING
ANNAMACHARYA UNIVERSITY
RAJAMPET, ANNAMAYYA DIST, A.P.

Chairman,
Board of Studies,
Department of Civil Engineering


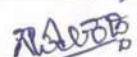
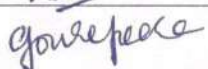
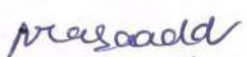
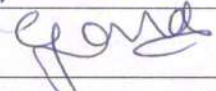
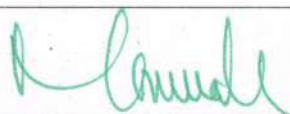


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The Chairman of BOS, Dr. T Naresh Kumar proposed the Vote of Thanks. He individually thanked the BoS Members for their committed participation in the discussions and for their valid inputs to the course. He then thanked subject and industry experts and other members of the board for their valuable involvement in the syllabus discussions.

Members Present:

S.no.	Name of the member	Signature
1.	Dr. T. Naresh Kumar, HOD-CE & Chairman, BOS	
2.	Dr. N.R. Gowthami, Assistant Professor-CE & Member	
3.	Dr. D. Gouse Peera, Assistant Professor-CE & Member	
4.	Mr. S. Venkata Vara Prasad, Assistant Professor-CE & Member	
5.	Dr. G. Appa Rao, Professor-CE, IIT Madras, Subject Expert Member	
6.	Dr. A. Ramachandra Murthy, Senior Principal Scientist, CSIR-SERC, Chennai - Subject Expert Member	Attended online
7.	Dr. M. Sri Murali, Professor-CE, SV University Tirupati -Subject Expert Member	
8.	Mr. G. Ravindra Kumar, Senior Engineer, Smart Infra Engg. Techno Crats Pvt.Ltd., Hyderabad & Meritorious - Alumni member	Attended online