



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

DEPARTMENT OF CIVIL ENGINEERING

(UGC Autonomous Institution)

Affiliated to JNTUA, Ananthapuramu, Approved by AICTE, New Delhi

Accredited by NBA - Accredited with NAAC A+ Grade - NIRF Band 251-300 (Engg.)



01.06.2023

Member of Board of Studies-AY 2023-24

Sl. No.	Name of the Member	Composition as per UGC-Autonomous Guidelines	Designation and Address
1	Dr. Dipankar Roy	Head of the Department Concerned (Chairman)	Professor & HoD – Civil Engineering Department (CED)
2	Prof. R. Bhavani	One expert nominated by the Vice-Chancellor from a panel of six recommended by the college Principal	Professor & Head Civil Engineering JNTUA College of Engineering Anantapur – 515 002 Ph. No: 7382720309
3	Mr. Babu V Sundararaman	One representative from industry/corporate sector/allied area relating to placement	Technical Officer- Design Civil Engineering Division, Nuclear Fuel Complex, Department of Atomic Energy, Government of India, Hyderabad Ph: +91-9908396018
4	Dr. Jaya Kumar Seelam	Subject expert from outside the Parent University nominated by the Academic Council	Principal Scientist, CSIR and Associate professor Ac SIR School of Oceanography, Donapaula, Goa Ph.No: 08805524264
5	Dr. Santosh G Thampi	Subject expert from outside the Parent University nominated by the Academic Council	Professor, Department of Civil Engineering. National Institute of Technology Calicut, NITC Campus. P.O, Calicut – 673601 Ph. No: 94009 87491, 94462 53066
6	Mr. Krishna Prasad Kathala	Alumni Member	Executive Engineer Ramkey Infrastructure Limited Hyderabad Phone 7893113145
7	Dr. Swapneel Jaiswal	Subject Expert-Transportation Engineering	Assistant Professor, CED, MITS
8	Dr. Priyam Nath Bhowmik	Subject Expert-Transportation Engineering	Assistant Professor, CED, MITS
9	Dr. Sudheer Kumar Y	Subject Expert-Geotechnical Engineering	Assistant Professor, CED, MITS
10	Dr. Vijayakumar N	Subject Expert- Structural Engineering	Assistant Professor, CED, MITS



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Minutes of Meeting of the BOS meeting held on 16-06-2023

The XIth Board of Studies Meeting for Department of Civil Engineering, MITS Madanapalle has been conducted on 16/06/2023 at 04:00 P.M. through Microsoft Teams.

The agenda of the meetings were as following:

1. Finalization of B.Tech IVth Year R20 syllabus.
2. Finalization of B.Tech IVth Year R20 syllabus for minor courses.
3. Finalization of B.Tech IVth Year R20 syllabus honors courses.
4. Any other matter with the permission of chair

Members Present:

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1	Dr. Dipankar Roy	Chairman, Head of the Department	Professor & HoD – Civil Engineering Department (CED)
2	Prof. R. Bhavani	Expert nominated by the Vice-Chancellor	Professor & Head Civil Engineering JNTUA College of Engineering Anantapur – 515 002 Ph. No: 7382720309
3	Mr. Babu V Sundaraman	Representative from Industry	Technical Officer- Design Civil Engineering Division, Nuclear Fuel Complex, Department of Atomic Energy, Government of India, Hyderabad Ph: +91-9908396018
4	Dr. Jaya Kumar Seelam	Subject expert from outside the Parent University, nominated by the Academic Council	Principal Scientist, CSIR and Associate Professor Ac SIR School of Oceanography, Donapaula, Goa



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5	Dr. Santosh G Thampi	Subject expert from outside the Parent University, nominated by the Academic Council	Professor, Department of Civil Engineering, National Institute of Technology Calicut, NITC Campus. P.O, Calicut – 673601 Ph. No: 94009 87491, 94462 53066
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9	Dr. Sudheer Kumar Y	Subject Expert-Geotechnical Engineering	Assistant Professor, CED, MITS
10	Dr. Vijayakumar N	Subject Expert- Structural Engineering	Assistant Professor, CED, MITS
11	Ms. Lipsa Mishra	Subject Expert-Environmental Engineering	Assistant Professor, CED, MITS
12	Mr. Veeresh B	Subject Expert-Environmental Engineering	Assistant Professor, CED, MITS
13	Mrs. Anitha K	Subject Expert- Structural Engineering	Assistant Professor, CED, MITS

Minutes of Meeting:

1. Detailed syllabus of the **Professional Electives (PE)** for IVth Year (Civil Engineering) were discussed and the following comments were made.
2. For the Subject **Hydraulics and Hydraulic Machines (20CE409)** before the incorporation of Turbines, the topics like Impact of Jets should be thoroughly explained



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to the students and need to be included in the syllabus as the jets are not covered in any previous courses.

3. For the subject **Finite Element Analysis (20CE410)** some modifications in the initial units were suggested.
4. For the subject **Environmental Impact Assessment (20CE411)** for the Unit-I, introduce various methodologies of EIA like Screening Scoping etc. For Unit-II & Unit-III include more Environmental acts, include EIA notifications as per the year 2016 or 2020, add some more case studies. The panel also suggested a textbook for EIA namely "Environmental Impact Assessment" by Larry W Canter.
5. For the subject **River Hydraulics and Sediment Transport (20CE412)**, for Unit-IV include an introduction to modelling to river channel before bringing in any Mathematical model for river channel. The Panel suggested a cross-check for the textbook as mentioned in the syllabus "John Fenton, River Engineering".
6. For the subject **Geotechnical Exploration (20CE414)**, the panel members brought in the light that the subject only focused on the Soil. They suggested to incorporate rocks and some rock exploration techniques.
7. For the subject **Estimating and Costing (20CE415)**, the panel member suggested adding the subject as a Core Subject rather than an elective subject. The reason behind this as said by the panel members was that, the subject is very useful for the Civil Engineers, if kept as an elective then it would be left as an optional subject and hence would not reach the entire group of the Civil Engineering undergraduates.
8. For the subject **Optimization in Structural Design (20CE420)** for the Unit-5 named as Columns and Footings, has nothing to do with optimization, the panel suggested to change the Unit-V. Also, the textbooks mentioned are not proper and suggested to change the textbooks.



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9. For the subject **Offshore structures (20CE421)** more discussion is required in the Unit-III. The unit needs to be more detailed.
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10. For the subject **Revit Structure (20CE607)** the Panel members suggested the upgradation of the textbook.
11. Detailed syllabus of the **Minor and Honours courses** for IVth year were discussed and the following comments were made.
12. For the subject **Economics of Transportation Systems (20MDCE105)** the Panel members suggested changing the Textbooks.
13. For the subject **Repair and Rehabilitation of Structures (20HDCE109)** the panel members suggested adding some case studies in the syllabus.
14. For the subject **Numerical Analysis using Python (20HDCE601)** the panel members suggested adding some other books.
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7	Dr. Swapneel Jaiswal	Assistant Professor, CED, MITS	
8	Dr. Priyam Nath Bhowmik	Assistant Professor, CED, MITS	
9	Dr. Sudheer Kumar Y	Assistant Professor, CED, MITS	
10	Dr. Vijayakumar N	Assistant Professor, CED, MITS	
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9. For the subject Offshore structures (20CE421) more discussion is required in the Unit-III. The unit needs to be more detailed.
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Mr. Babu S

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