

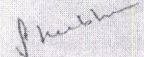
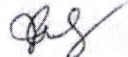






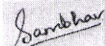
## Minutes of BOS Meeting

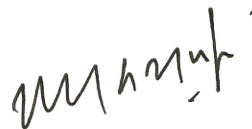
The Board of Studies Meeting from the Department of Civil Engineering held on 3<sup>rd</sup> June 2020 (Wednesday) at 10:00am online on MS Teams Platform, ASET, AUH.

Following were Present :

1. **Dr. S.N. Sridhara**  
Director, ASET & AIIT, Amity University Haryana  
  
**Chairman**
2. **Dr. Nandyala Darga Kumar**  
Professor & Head, Civil Engineering, JNT University  
Hyderabad College of Engineering  
  
**Expert**
3. **Mrs. Shubra Pujar**  
Managing Director, United Foundations  
  
**Expert**
4. **Mr. J Kalyan Kumar**  
Director, AECOM Constructions  
  
**Expert**
5. **Dr. Naveen B P**  
Professor & Head, Department of Civil Engineering, ASET, AUH  
Naveen.B.P  
**Co-Chair**
6. **Mr. Ankit Batra**  
Assistant Professor, Department of Civil Engineering, ASET, AUH  
  
**Coordinator**
7. **Mr. Madhur Kumar**  
Alumni – MTech CTM 2018-19 Batch, ASET, AUH  
  
**Member**

### Faculties from Department of Civil Engineering

8. **Dr. Ashish Kumar Das**  
Assistant Professor, Department of Civil Engineering, ASET, AUH  

9. **Dr. Praveen Babu**  
Assistant Professor, Department of Civil Engineering, ASET, AUH  
B. Praveen
10. **Ms. Sakshi Gupta**  
Assistant Professor, Department of Civil Engineering, ASET, AUH  

11. **Mr. Sambhav Jain**  
Assistant Professor, Department of Civil Engineering, ASET, AUH  




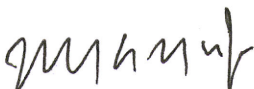
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Amity University Haryana  
Manesar Gurgaon-122413

In the beginning of the meeting the Chairman of the BOS welcomed all the members & briefed them about the progress of the Department of Civil Engineering. The BOS expressed their high appreciation & satisfaction about the courses and activities of the Department.

The following changes have been proposed by the Board (Civil Engineering) in the syllabus as well as Programme Structure, details are given below:

### **M.Tech 2019-2020 Batch**

1. M.Tech Civil with specialisation in (Structural Engineering/Construction Technology & Management) - III<sup>rd</sup> & IV<sup>th</sup> Semester
  - Change of Highway Construction & Maintenance lab to Advanced Highway Material Lab  
Module II : Include Marshal Method of Bituminous mix design.
  - Change of Geotechnical Engineering lab to Geotechnical Lab for Construction Engineers
  - Advanced Construction Materials  
Module II – Include Corrosion Mitigation Strategies  
Include one module of Forensic Engineering.
  - Advanced Construction Materials Labs–  
Module II: Include – Permeability Test on Concrete  
Module III: Include Rebound Hammer , UPV Test, Rebar Locator  
Module IV: Fibre Reinforced Concrete
  - Advanced Structural Engineering Lab  
Module I : Include March Cone Test, Fly ash , GGBS  
Module IV: Include I-Steel Roof Truss Building
  - Construction Quality & Safety Management : Include Syllabus Related to Safety.
  - Construction Engineering Practices  
Module I : Include Prefabrication concept  
Module III : Include Choice of production setup, Manufacturing methods, Stationary and mobile production, Planning of production setup, Storage of precast elements, Dimensional Tolerances, Acceleration of concrete hardening.
2. M.Tech Transportation & Infrastructure Engineering - III<sup>rd</sup> & IV<sup>th</sup> Semester
  - GIS & its application in TE change to GIS application in TE
  - GIS & its application in TE Lab change to GIS Lab for Transport Engineers
  - Bridge Engineering change to Bridge Engineering for Highways

  
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**M.Tech 2020-2021 Batch**

3. M.Tech Civil with specialisation in (Structure Engineering/Construction Technology & Management/Transportation Engineering/Environmental Engineering)

1<sup>st</sup> Semester (common for all)

- Civil Engineering Lab change to Advanced Civil Engineering Lab  
Module IV : Include Rebound Hammer, UPV Test, Rebar Locator.

II<sup>nd</sup> Semester (specialization in Structural Engineering)

- Research Methodology and Technical Report Writing changed to Research Methods for Engineers. (apply for other specializations as well)

II<sup>nd</sup> Semester (specialization in Construction Technology & Management)

- Construction Methods & Equipment change to Advances in Construction Practices and Machinery
- Construction Planning and Management  
Module V: Include BIM
- Pre-Engineered Construction Technology  
Module I : Include Prefabrication concept  
Module II: Introduction, Advantages, Pre Engineered Buildings Vs. Conventional Steel Buildings, Design Consideration of Pre Engineered Buildings (PEB)

II<sup>nd</sup> Semester (specialization in Transportation Engineering)

- Pavement Design changes to Pavement Analysis & Design.
- Pavement Materials & Construction Lab  
Module III : Include Marshall Method of Bitumen Mix Design

III<sup>rd</sup> Semester (specialization in Structural Engineering)

- Theory of Plates change to Theory of Plates & Shells
- Design of Tall Building – Include Durability
- Offshore Structures - Include Durability & Design Life of Structures
- Advanced Concrete Technology  
Module IV: Include Self Compacting concrete, ingredients & Properties
- Advanced Construction Materials  
Module II – Include Corrosion Mitigation Strategies  
Module III – Include Geopolymer Concrete  
Include one module of Forensic Engineering.
- Advanced Construction Materials Labs–



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Module II: Include – Permeability Test on Concrete  
Module III: Include Rebound Hammer , UPV Test, Rebar Locator  
Module IV: Fibre Reinforced Concrete

- Advanced Structural Engineering Lab  
Module I: Include flyash, GGBS  
Module II: Include marsh cone test  
Module IV: Include design of Industrial Roof Truss

III<sup>rd</sup> Semester (specialization in Construction Technology)

- GIS in Construction Engineering changes to GIS Applications in Construction Engineering.
- Construction Methods in Geotechnical Engineering changes to Geotechnics in Construction.
- Construction Quality & Safety Management : Include Syllabus Related to Safety.
- Advanced Concrete Technology- Module IV: Include Self Compacting concrete, ingredients & Properties
- Highway Construction & Maintenance Lab – Module III : Include Marshal Method of Bituminous mix design.

III<sup>rd</sup> Semester (specialization in Transportation Engineering)

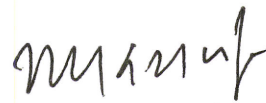
- Bridge Engineering change to Bridge Engineering for Highways
- GIS & its application in TE change to GIS application in TE
- GIS & its application in TE Lab change to GIS Lab for Transport Engineers
- Bridge Engineering : Update CO numbers.

III<sup>rd</sup> Semester (specialization in Environmental Engineering)

- Transport of Waste water Engineering changes to Transport Phenomenon of Waste Water

IV<sup>th</sup> Semester (All specializations)

NO CHANGE



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