



**GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**(Autonomous)**

GRIET/CE/BOS/IE/G/19-20

18 July 2019

**Minutes of Meeting**

For

**III & IV B Tech Civil Engineering**

*(For students admitted from 2018-19 as per GR18 Regulations)*

**Board of Studies**


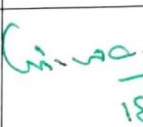





Held on 18 July 2019

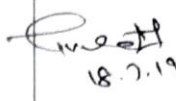



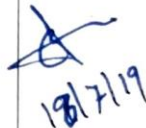
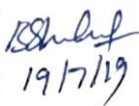

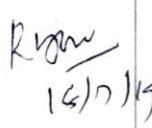



**GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**(Autonomous)**

Minutes of meeting of the BOS for B.Tech Civil Engineering (syllabus approval for III & IV Year GR18 Regulation) of Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous) Hyderabad held on 18<sup>th</sup> July 2019 in the department of Civil Engineering, GRIET at 10:00 AM.

Members Present:

S.No	Name of the Member	Designation	Signature with Date
1	Dr V Mallikarjuna Reddy Professor & HOD Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Chairman BOS Department of Civil Engineering GRIET	 18/7/19
2	Dr. G. K. Viswanadh Professor & Director UGC- HRDC, JNTUH, Kukatpally, Hyderabad.	Member Board of studies JNTU Nominee	 18-7-19
3	Dr. M. V. Seshagiri Rao Professor Department of Civil Engineering CVR College of Engineering, Hyderabad.	Member Board of Studies External Expert	 18/7/19
4	Prof. P. Sreenivas Sarma Professor Department of Civil Engineering CBIT, Gandipet, Hyderabad	Member Board of Studies External Expert	
5	Dr. V. V. Krishna Reddy Chief Consultant & Proprietor, M/S Continental Designers Project Consultant, Hyderabad.	Member Board of Studies Industry	
6	Dr. Mohammad Hussain Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 18/7/19
7	Dr. N. Sanjeev Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 18/7/19

8	Dr GVV Satyanarayana Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 18.7.19
9	Dr V Srinivasa Reddy Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	
10	Dr. C Lavanya Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 18/7/19
11	Dr. T Srinivas Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 18/7/19
12	Dr. Atulkumar Anil Manchalwar Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 18/7/19
13	Mr. B Shanmukheswara Babu Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 19/7/19
14	Mr T Srikanth Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 19/7/19
15	Dr R. Raman Goud Professor Department of Mechanical Engineering GRIET, Bachupally, Hyderabad.	Co-opted Member Board of Studies	 18/7/19
16	Mohammed Azharuddin	Member Board of Studies Alumni	 M. Azhar

**Item 1:** Syllabus subject to be approved by Academic Council is confirmed for B.Tech Civil Engineering (III & IV years)

**Item 2:** Subjects of BSC, ESC, HSMC and MC are confirmed by BOS of respective Departments.

**Item 3:** Evaluation Scheme suggested as per GR18 to be adopted.

**Item 4:** Panel of Examiners are suggested.

**Item 5:** Existing practices to be strengthened and continued.



**GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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**DEPARTMENT OF CIVIL ENGINEERING**

**Minutes of Meeting for Board of Studies**

The members of Board of Studies during the meeting held on 10<sup>th</sup> July 2019 in the Department of Civil Engineering, after having discussions thoroughly, drew the following recommendations for GR18. B Tech Civil Engineering Syllabus of III & IV year.

- Syllabus for all the courses was prepared as per recommendations by the AICTE.
- Foundation Engineering, Hydrology and Water resources Engineering, Design of Concrete Structures I and Transportation Engineering Lab are introduced as core courses in III year
- There are six professional electives starting from III yr I Sem and three open electives starting from III yr II sem.
- Four threads are recommended for professional electives as Structural Engineering, Geotechnical and Transportation Engineering, Environmental and Hydrology Engineering and Construction Technology & Management
- Masonry Structures, Industrial Structures, Earthquake Engineering, Reinforced concrete, Bridge Engineering are introduced in Structural Engineering thread to analyse different structures and apply design philosophies.
- Urban Transportation Planning, Rock Mechanics, Geometric Design of Highways, Traffic Engineering and Management are introduced in Transportation engineering thread to understand the knowledge on efficient, safe and convenient movement of people and goods.

- Environmental Impact Assessment and life cycle analysis, Open Channel flow, Surface Hydrology, Groundwater, Design of hydraulic structures/Irrigation Engineering, Physico-Chemical Processes for Water and Wastewater Treatment helps in the design and construction of water related structures such as bridges, dams, canals and other structures for irrigation purposes..
- Construction Equipment & Automation, Geographic Information Systems and Science, Engineering Materials for Sustainability, Construction Project Planning & Systems and Repairs & Rehabilitation of Structures are recommended in Construction Technology & Management to understand the discipline of overall planning, coordination and control of projects.



**Chairman, BoS**

**PROFESSOR AND HEAD**  
Department of Civil Engineering  
Gokaraju Rangaraju Institute of  
Engineering and Technology  
Bachupally, Kukatpally,  
Hyderabad-500 090