



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

GRIET/CE/BOS/IE/G/20-21

18th July 2020

Minutes of Meeting

For

I & II B. Tech Civil Engineering

(For students admitted from 2020-21 as per GR20 Regulations)

Board of Studies

Held on 18th July 2020


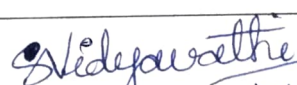


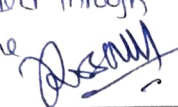


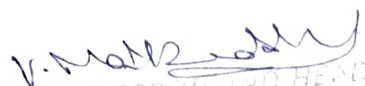
GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY






(Autonomous)

Minutes of meeting of the BOS for B. Tech Civil engineering (syllabus approval for I & II year GR20 Regulation) of Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous) Hyderabad held on 18th July 2020 in the Department of Civil Engineering (online and offline), GRIET at 12:30PM.

Members Present:

Sl.No	Name of the Member	Designation	Signature with date
1	Dr V Mallikarjuna reddy, Professor & HOD Department of Civil Engineering GRIET, Bachupally, Hyderabad	BOS Chairman	 18/07/2020
2	Dr S Vidyavathi, Professor Department of Civil Engineering JNTUH, Kukatpally, Hyderabad	JNTU Nominee	 18/07/2020
3	Dr M V Seshagiri Rao Professor Department of Civil Engineering CVR college of Engineering	External member	Attended through online
4	Prof.P.Sreenivas Sarma Professor Department of Civil Engineering CBIT, Gandipet, Hyderabad	External member	Attended through online
5	Dr V V Krishna Reddy Chief Consultant & Proprietor M/S Continental Designers Project Consultant, Hyderabad	Industry Expert	Attended through online
6	Dr Mohammad Hussain Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad	Internal Member	
7	Dr G V V Satyanarayana Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad	Internal Member	
8	Dr V Srinivasa Reddy Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad	Internal Member	Attended through online 


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9	Dr C Lavanya Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad	Internal Member	
10	Dr T Srinivas Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad	Internal Member	
11	Dr Atulkumar Anil Manchalwar Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad	Internal Member	
12	Dr K Srikanth Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad	Internal Member	
13	Mr T Srikanth Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad	Internal Member	
14	Dr N Satish Professor & HoD, Department of Mech Engineering GRIET, Bachupally, Hyderabad	Internal Member	Attended through online
15	Mr K Jagannadha Reddy	Alumni	Attended through online

Handwritten notes:
 14/12/2020
 16/12/2020


Item 1: Syllabus subject to approval by Academic council is confirmed for B.Tech Civil engineering (I & II years) and course structure for I to IV year.

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

Item 3: Evaluation Scheme suggested as per GR20 to be adopted.

Item 4: Panel of Examiners are suggested.

Item 5: Existing practices to be strengthened and continued.


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ACTION TO BE TAKEN IN B. Tech COURSE STRUCTURE and I&II YEAR SYLLABUS

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The following members constitute the board of studies of Civil Engineering, with effect from the Academic year 2020-21.

- | | |
|--|-----------------|
| 1. Dr V Mallikarjuna reddy, professor & HOD, DCE, GRIET | BOS Chairman |
| 2. Dr S Vidyavathi, Professor, DCE, JNTUH, Kukatpally | JNTU Nominee |
| 3. Dr M V Seshagiri Rao, Professor, DCE, CVR College of Engineering member | External |
| 4. Prof. P. Sreenivas Sarma, professor, DCE, CBIT member | External |
| 5. Dr V V Krishna Reddy, Chief Consultant & Proprietor, M/S Continental Designers Project Consultant | Industry Expert |
| 6. Dr Mohammad Hussain, Professor, DCE, GRIET Member | Internal |
| 7. Dr G V V Satyanarayana, Professor, DCE, GRIET Member | Internal |
| 8. Dr V Srinivasa Reddy, Professor, DCE, GRIET Member | Internal |
| 9. Dr C Lavanya, Professor, DCE, GRIET Member | Internal |
| 10. Dr T Srinivas, Professor, DCE, GRIET Member | Internal |
| 11. Dr Atulkumar Anil Manchalwar, Associate Professor, DCE, GRIET Member | Internal |
| 12. Dr K Srikanth, Associate Professor, DCE, GRIET Member | Internal |


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Department of Civil Engineering
Gokaraju Rangaraju Institute of Engineering & Technology
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13. Mr T Srikanth, Associate Professor,DCE,GRIET

Member

14. Dr N Satish, Professor & HOD,DME,GRIET

15. Mr Jagannadh

Internal

Co-opted Member


Alumni

Head of the department welcomed all members in BOS meeting both online and offline discussed the following points to be considered in the course structure and syllabus.

S.No	Actionable Items	Action to be Taken by
1	Changes in Course Structure: 1. Economics and Accounting for Engineers is to be shifted to II year II Semester, Design of Reinforced Concrete Structures to III year I Semester and Design of Steel Structures to III year II semester in B.Tech Course structure. 2. Masonry Structures and Prestressed concrete has to be mutually exchanged in Professional Elective threads as Prestressed concrete fundamentals to be completed before starting with that subject.	K Hemalatha
2	All the subjects must be included with Course Pre-Requisites (write before Course Objectives and Course Outcomes).	All faculty
3	Changes in Syllabus: Building Materials and Construction Planning: Unit II has to reduced as it will be covered in Concrete Technology and more syllabus to included in Unit V (Increase planning topics)	A.Prakash
4	Changes in Syllabus: Surveying: Include Digital Photogrammetry syllabus in Unit V	Dr K Srikanth
5	Changes in Syllabus: Strength of Materials I: Keep the subtopics in Unit II as it should reflect Principle stresses and strains.	Mrs K Hemalatha

V. Malleshwari
PROFESSOR
Department of Civil Engineering
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6	Changes in Syllabus: Hydraulic Engineering: Add Reciprocating pumps in Unit V.	Mr S Venkatacharyulu
7	Changes in Syllabus: Surveying lab: Study of Toposheets has to be included in Task I(ii) in task I and GPS hand application has to be included in Task 10 (ii)	Mr A Prakash
8	Changes in Syllabus: CAD lab: Remove MAT lab in task 8 and include Detailing of Truss	Mr C Vivek Kumar
9	Changes in Syllabus: Fluid Mechanics & Hydraulic Machinery lab: Kaplan Turbine and Multi stage Reciprocating pump has to be included and Remove Hydraulic jump.	Mr S Venkatacharyulu


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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 10th July 2020 through online mode after having discussions thoroughly, drew the following recommendations for GR20 B. Tech Civil Engineering Program Structure and Syllabus (I year & II Year) subject to be approved by Academic Council is confirmed for B Tech Civil Engineering.

- Introduction of new courses like Irrigation management and Tall Buildings are introduced as Professional Elective I & III
- There are six professional electives starting from III yr I sem and three open electives starting from III yr I sem.
- Four threads are recommended for professional electives as Structural Engineering, Geotechnical and Transportation Engineering, Environmental and Hydrology Engineering and Construction Technology & Management
- Under these threads, courses like Structural Analysis II, Masonry Structures, Bridge Engineering, Industrial Structures, Prestressed Concrete, Earthquake Engineering, Traffic Engineering and Management, Rock Mechanics, Ground Improvement Techniques, Geometric Design of Highways, Pavement Design, Urban Transportation Planning, Groundwater, Open Channel flow, Surface Hydrology, Physico-Chemical Processes for Water and Wastewater Treatment, Design of hydraulic structures, Green Building Technology, Irrigation Management, Construction Equipment & Automation, Tall Buildings, Rehabilitation & Retrofitting of Structures, Construction Project Planning & Systems, Pavement Materials are recommended.
- Detailing of Trusses is to be added in CAD lab as Task 8.
- Reciprocating pumps topic is added in Hydraulic Engineering Unit V for gaining knowledge for pump design in low flow and pressure applications.

V. Manoj
Chairman, BOS
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