



Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous)

GRIET/CE/BOS/1E/G/18-19

30 June 18

Minutes of Meeting For

I, II, III & IV B Tech Civil Engineering

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

Board of Studies

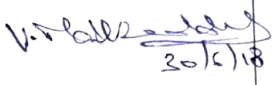



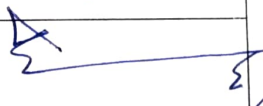
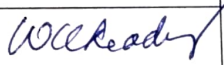
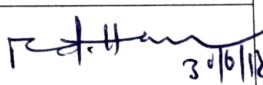

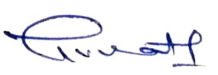

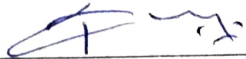
Held on 30 Jun 2018



**Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)**

Minutes of meeting of the BOS for B Tech Civil Engineering (I, II, III and IV Years – GR18 Regulations) of Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous) Hyderabad held on 30th June 2018 in the department of Civil Engineering of 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.	Head of the Department Department of Civil Engineering GRIET	 30/6/18
2	Dr. C. Lavanya Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Chairman Board of Studies Department of Civil Engineering GRIET	 30/6/18
3	Dr. G. K. Viswanadh Professor & Director UGC-HRDC, JNTUH, Kukatpally, Hyderabad.	Member Board of Studies JNTU Nominee	
4	Dr. M.V. Seshagiri Rao Professor, Department of Civil Engineering, CVR College of Engineering, Hyderabad.	Member Board of Studies External Expert	
5	Prof. P.Srinivasa Sharma Professor, Department of Civil Engineering, CBIT, Gandipet, Hyderabad.	Member Board of Studies External Expert	
6	Dr. V. V. Krishna Reddy Chief Consultant & Proprietor, M/s. Continental Designers Project Consultant, Hyderabad.	Member Board of Studies Industry	 WCC Reddy
7	Dr. Mohammed Hussain Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 30/6/18
8	Dr. N. Sanjeev Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	
9	Dr. G. V. V. Satyanarayana Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	
10	Dr. V. Srinivasa Reddy Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	 30/6/2018
11	Mr. T. Srinivas Associate Professor	Member Board of Studies	

	Department of Civil Engineering GRIET, Bachupally, Hyderabad.		
12	Mr. B. Shanmukeshwara Babu Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	<i>BSL</i>
13	Mr. T. Srikanth Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies	<i>TS</i>
14	Dr. R. Raman Goud Professor Department of Mechanical Engineering GRIET, Bachupally, Hyderabad.	Co-opted Member Board of Studies	<i>R. Raman</i> <i>30/6/2018</i>

Item 1: Program Structure and Syllabus subject to be approved by Academic Council is confirmed for B Tech Civil Engineering (I & II 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
(Autonomous)

DEPARTMENT OF CIVIL ENGINEERING

Minutes of Meeting for Board of Studies

The members of Board of Studies during the meeting held on 25th June 2018 in the Department of Civil Engineering, after having discussions thoroughly, drew the following recommendations for GR18. 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.

B.Tech Civil Engineering Program Structure and Syllabus (I year & II Year) are framed as per AICTE recommendations.

- Induction program for 3 weeks.
- Mandatory courses
 - ✓ Value Ethics and Gender Culture
 - ✓ Environmental Science
 - ✓ Constitution of India
- Introduction of new courses like Pavement Materials, Mechanical Engineering, Surveying & Geomatics, Engineering Economics, Project management & Entrepreneurship, Solid Mechanics – I & II, Introduction to Fluid Mechanics, solid mechanics lab, Hydraulic engineering, fluid mechanics and hydraulic machinery lab are proposed in view of growth and development in large scale.
- 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



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


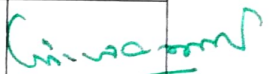




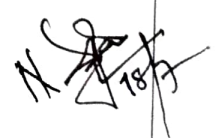
Held on 18 July 2019

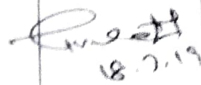

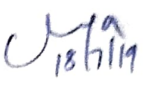

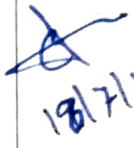
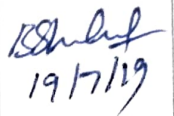
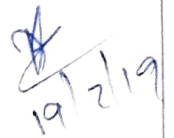
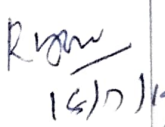
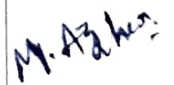


GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

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 18th 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	 18/7/19
5	Dr. V. V. Krishna Reddy Chief Consultant & Proprietor, M/S Continental Designers Project Consultant, Hyderabad.	Member Board of Studies Industry	 18/7/19
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 ShanmukheswaraBabu 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

(Autonomous)

DEPARTMENT OF CIVIL ENGINEERING

Minutes of Meeting for Board of Studies

The members of Board of Studies during the meeting held on 10th 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



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
DEPARTMENT OF CIVIL ENGINEERING
Comparison of syllabus

S.No	Name of the Course	GR17 to GR18 (As per AICTE)
1	Mandatory courses	Value Ethics and Gender Culture
		Environmental Science
		Constitution of India
2	New Courses	Pavement Materials, Mechanical Engineering, Surveying & Geomatics, Engineering Economics, Project management & Entrepreneurship, Solid Mechanics – I & II, Introduction to Fluid Mechanics, solid mechanics lab, Hydraulic engineering, fluid mechanics and hydraulic machinery lab, • Foundation engineering, Hydrology and water resources Engineering, Design of Concrete structures I and transportation engineering lab
3	Professional electives and open electives	Six professional electives starting from III yr I sem and three open electives starting from III yr II sem
4	Threads for professional electives	Four threads for professional electives as Structural Engineering, Geotechnical and Transportation Engineering, Environmental and Hydrology Engineering and Construction Technology & Management
5	Structural Engineering thread	New courses like Masonry Structures, Industrial Structures, Earthquake Engineering, Bridge Engineering are included
6	Geotechnical and Transportation Engineering thread	New courses like Urban Transportation Planning, Rock Mechanics, Geometric Design of Highways, Traffic Engineering and Management are included
7	Environmental and Hydrology Engineering thread	New courses like 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 are included
8	Construction Technology & Management thread	New courses like Construction Equipment & Automation , Geographic Information Systems and Science, Engineering Materials for Sustainability, Construction Project Planning & Systems and Repairs & Rehabilitation of Structures are included


PROFESSOR IN CHARGE
Department of Civil Engineering
Gokaraju Rangaraju Institute of Engineering and Technology
Hyderabad, India



Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)
B Tech Civil Engineering

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

Members Present:

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1	Dr. V. Mallikarjuna Reddy Professor & HOD Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Head of the Department Department of Civil Engineering GRIET
2	Dr. C. Lavanya Associate Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Chairman Board of Studies Department of Civil Engineering GRIET
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9	Dr. G. V. V. Satyanarayana Professor Department of Civil Engineering GRIET, Bachupally, Hyderabad.	Member Board of Studies

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