



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


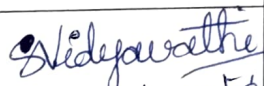





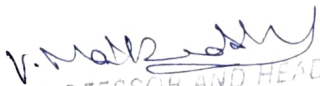
GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY






(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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Bachupally, Kukatpally,
Hyderabad

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 Manchalar 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


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

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.

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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Kukatpally, Hyderabad - 500 090

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

U. Nallakrishna
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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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II B.Tech (CE)- I Semester

S. No	BOS	Group	Course Code	Course Name	Credits				Hours				Int.	Ext.	Total Marks
					L	T	P	Total	L	T	P	Total			
1	CE	PC	GR20A2009	Building Materials and Construction Planning	2	0	0	2	2	0	0	2	30	70	100
2	CE	PC	GR20A2010	Engineering Geology	2	0	0	2	2	0	0	2	30	70	100
3	CE	PC	GR20A2011	Solid Mechanics – I	2	1	0	3	2	1	0	3	30	70	100
4	Maths	BS	GR20A2008	Computational Mathematics for Engineers	3	0	0	3	3	0	0	3	30	70	100
5	CE	PC	GR20A2012	Introduction to Fluid Mechanics	3	0	0	3	3	0	0	3	30	70	100
6	CE	PC	GR20A2013	Surveying and Geomatics	3	0	0	3	3	0	0	3	30	70	100
7	CE	PC	GR20A2014	Engineering Geology lab	0	0	2	2	0	0	4	4	30	70	100
8	CE	PC	GR20A2015	Solid Mechanics Lab	0	0	2	2	0	0	4	4	30	70	100
TOTAL					15	1	4	20	15	1	8	24	240	560	800
9	Mgmt	MC	GR20A2002	Value Ethics and Gender Culture	2	0	0	2	2	0	0	2	30	70	100
10	Chemistry	MC	GR20A2001	Environmental Science	2	0	0	2	2	0	0	2	30	70	100

II B. Tech (CE)- II Semester

S. No	BOS	Group	Course Code	Course Name	Credits				Hours				Int.	Ext.	Total Marks
					L	T	P	Total	L	T	P	Total			
1	CE	PC	GR20A2016	Solid Mechanics – II	2	1	0	3	2	1	0	3	30	70	100
2	EEE	ES	GR20A2017	Basic Electrical and Electronics Engineering	3	0	0	3	3	0	0	3	30	70	100
3	CE	PC	GR20A2018	Structural Analysis – I	3	0	0	3	3	0	0	3	30	70	100
4	Mgmt	HS	GR20A2004	Economics and Accounting for Engineers	3	0	0	3	3	0	0	3	30	70	100
5	CE	PC	GR20A2019	Hydraulic Engineering	2	0	0	2	2	0	0	2	30	70	100
6	CE	PC	GR20A2020	Surveying Lab	0	0	2	2	0	0	4	4	30	70	100
7	CE	PC	GR20A2021	Computer Aided Design Lab	0	0	2	2	0	0	4	4	30	70	100
8	CE	PC	GR20A2022	Fluid Mechanics and Hydraulic Machinery Lab	0	0	2	2	0	0	4	4	30	70	100
TOTAL					13	1	6	20	13	1	12	26	240	560	800