



VAAGDEVI COLLEGE OF ENGINEERING (Autonomous)

Bollikunta, Khila Warangal (Mandal), Warangal Urban-506 005 (T.S)

DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF BOARD OF STUDIES MEETING

held on 09.02.2022 at 3.00 PM

Members Present

S.No	Name and Address	Designation	Signature
1.	Dr. R. Bharathi Murugan Head, Dept. of Civil Engineering, VCE, Warangal	Chairman	
2.	Dr. K. Manjula Vani, Professor, Dept. of Civil Engineering, JNTUH CEH, Hyderabad.	Member (University Nominee)	
3.	Dr. P. Rathish Kumar Prof & Head, Dept. of Civil Engineering, NIT, Warangal	Member (Subject Expert)	
4.	Dr. S. Sunil Pratap Reddy, Associate Professor, Dept. of Civil Engineering, KITS, Warangal	Member (Subject Expert)	
5.	Er. A. Nagender Rao Superintendent Engineer, R&B, Hanamkonda	Member (Representative from Industry)	
6.	Dr. K. Thirupathi Rao, Vice- Principal & Prof of Civil Engineering, VCE, Warangal.	Member (Faculty)	
7.	Dr. G. Dinesh Kumar Dept. of Civil Engineering, VCE, Warangal.	Member (Faculty)	
8.	Er. S. Arun Kumar Assistant Executive Engineer, Mission Bhagiratha SD, Thorrur.	Member (Alumni)	

The following decisions were taken during the Board of Studies meeting,

1. The Board of Studies Committee members approved the suggestions submitted by the Department Board of Studies for the modifications of Course Structure and Syllabi to be made in R18 to R20 curriculum.
2. It is resolved to approve the course structure and Syllabi of R20 Regulation for III year (V & VI Semester) & IV- Year (VII & VIII Semester) B.Tech - Civil Engineering from the academic year 2020 – 2021.

The Chairman of Board of studies thanked all the members for their Suggestions and valuable Guidance towards framing of Course Structure and Syllabi under R20 Regulation.

Chairman
Board of Studies, Civil Engg. Dept.,
VAAGDEVI COLLEGE OF ENGINEERING
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R20

DEPARTMENT OF CIVIL ENGINEERING

B. Tech Civil Engineering Course Structure

(Applicable for the batches admitted from A.Y. 2020 – 2021 onwards)

V SEMESTER

S. No	Category	Title of the Course	L	T	P	Credits
1.	PCC	Design of Steel Structures	3	0	0	3
2.	PCC	Geotechnical Engineering	3	0	0	3
3.	PCC	Concrete Technology	3	0	0	3
4.	PCC	Hydrology and Water Resource Engineering	3	0	0	3
5.	PCC	Highway Engineering	3	0	0	3
6.	PEC	Professional Elective – 1 Structural Analysis – 2 Environmental and Social Impact Assessment Advanced Surveying	3	0	0	3
7.	PCC	Concrete Technology Lab	0	0	3	1.5
8.	PCC	Geotechnical Engineering Lab	0	0	3	1.5
9.	PCC	Highway Engineering Lab	0	0	3	1.5
10.	PROJ	Project Based Learning- 3	0	0	2	1
Total Credits			18	0	11	23.5

Approved by:


Dr. R. Bharathi Murugan


Dr. K. Manjula Vani


Dr. P. Rathish Kumar


Dr. S. Sunil Pratap Reddy


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VI SEMESTER

S. No	Category	Title of the Course	L	T	P	Credits
1.	PCC	Design of RC Structures	3	0	0	3
3.	PCC	Estimation and Valuation Practice	3	0	0	3
2.	PCC	Environmental Engineering	3	0	0	3
4.	PEC	Professional Elective – 2 Foundation Engineering Remote Sensing System Analysis in Civil Engineering	3	0	0	3
5.	PEC	Professional Elective – 3 Irrigation and Hydraulic Structures Railway, Airport and Harbour Engineering Geographical Information System	3	0	0	3
6.	OPEC	Open Elective – 1	3	0	0	3
7.	PCC	Structural Design and Detailing Lab	0	0	3	1.5
8.	PCC	Environmental Engineering Lab	0	0	3	1.5
9.	HSS	Advanced English Communications Skills Lab	0	0	3	1.5
10.	PROJ	Project Based Learning- 4	0	0	2	1
Total Credits			18	0	11	23.5


Approved by:


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B. Tech Civil Engineering Course Structure

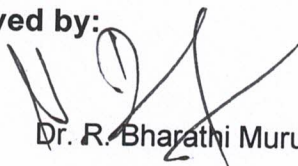
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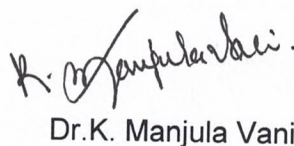
VII SEMESTER

S. No	Category	Title of the Course	L	T	P	Credits
1.	HSS	Managerial Economics and Financial Analysis	3	0	0	3
2.	PEC	Professional Elective – 4 Repair & Rehabilitation of Structures Construction Planning and Management Pavement Management System	3	0	0	3
3.	PEC	Professional Elective – 5 Structural Dynamics and Design of Earthquake Resistant Structures Building Information Modelling Sustainable Materials and Green Buildings	3	0	0	3
4.	OPEC	Open Elective – 2	3	0	0	3
5.	PCC	Mini Project & Internship#	0	0	0	2
6.	PCC	Major Project Phase I	0	0	8	4
Total Credits			12	0	8	18

The student should undergo Mini Project & Internship for a minimum period of two months during the summer vacation of 3rd year. Mini Project & Internship will be evaluated at the beginning of the VII semester by assessing the report and seminar presentations.

Approved by:

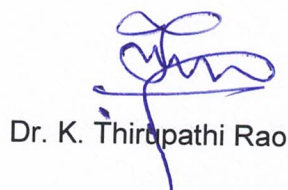

Dr. R. Bharathi Murugan


Dr.K. Manjula Vani

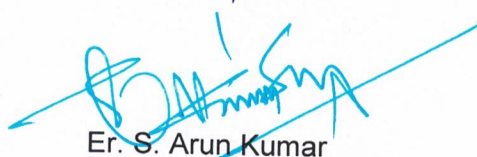

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VIII SEMESTER


S. No	Category	Title of the Course	L	T	P	Credits
1.	PCC	Professional Elective – 6 Design of Prestressed Concrete Smart Cities Planning and Development Air Pollution and Control	3	0	0	3
2.	OPEC	Open Elective – 3	3	0	0	3
3.	PCC	Technical Seminar	0	0	2	1
4.	PCC	Major Project Phase II	3	0	16	8
		Total Credits	09	0	18	15

LIST OF OPEN ELECTIVE COURSES OFFERED TO OTHER DEPARTMENT

S. No	Category	Title of the Course	L	T	P	Credits
1.	OPEC	Disaster Preparedness & Planning Management	3	0	0	3
2.	OPEC	Environmental Management	3	0	0	3
3.	OPEC	Urban Planning	3	0	0	3

Approved by:



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