

1.2.1 Number of New Courses Introduced

Department of Civil Engineering

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1	AR19 Curriculum and Syllabus	2
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Department of Civil Engineering

Minimum Credits to be earned: 164 (for Regular students) 131 (for Lateral Entry Students)

Sev	enth Semest	er er	idents)				
1		Elective V (Professional Elective)		3	1	-	3
2		Elective VI (Professional Elective)		3	1	-	3
3		Elective VII (Open Elective III)		3	1	-	3
4	19CE701	Project Work	-	-	16	8	
5	19CE702	Summer Internship II	1,2,5,6,10,12	-	-	-	1.5
Tot	al			9	3	16	18.5
Eig	hth Semester	r			1		
1		Elective VIII (Professional Elective)		-	-	-	3
2		Elective IX (Open Elective IV)		-	-	-	3
3	19CE801	Full Semester Internship (FSI)	-	-	-	9	
To				-	-	-	15
Ele	ctive V						
Car	eer Path I, II	, III and Other Core Electives					
1	19CEC13	Building Information Modeling	3,5,10,PSO2	3	1	-	3
2	19CEC23	Highway Project Formulation and Economics	3	1	-	3	
3	19CEC33	BIM for Pre-Engineered Building	3	1	-	3	
4	19CE010	Construction Economics and Finance	3,10,11	3	1	-	3
5	19CE011	Advanced Reinforced Concrete Design	2,3,10, PSO2	3	1	-	3
6	19CE012	Construction Methods and Equipment	2,7,12	3	1	-	3
		MOOCs		-	-	-	3
Ele	ctive VI						
1	19CE013	Basics of Dynamics and Earthquake Engineering	1,2,3,12, PSO2	3	1	-	3
2	19CE014	Pavement Analysis and Design	3,12,PSO2	3	1	-	3
3	19CE015	Prestressed Concrete Structures	3,10,12, PSO2	3	1	-	3
		MOOCs		-	-	-	3
Ele	ctive VII: Ope	en Elective III					
1	19CE003	Solid Waste Management	3,7, 12	3	1	-	3
2	19EE003	Fundamentals of Electrical Vehicle Technology	2,3,12	3	1	-	3
3	19ME003	Industrial Engineering and Management	1,11	3	1	-	3
4	19EC003	Interfacing and Programming with Arduino	1,2	3	1	-	3
5	19CS003	Data Science for Engineering Applications	2,3,4	3	1	-	3
6	19CH003	Industrial Ecology for Sustainable Development	2,6,7	3	1	-	3
7	19IT003	Fundamentals of Mobile Computing	1,7	3	1	-	3
8	19BS004	Advanced Materials of Renewable Energy	1,7	3	1	-	3

Comment [11]: Revised and updated 15th BoS dated 04.09.2021.

Comment [12]: Revised and updated 15th BoS dated 04.09.2021.

Comment [13]: New Course and approved in 15th BoS

Comment [14]: New Course and approved in 15th BoS

Comment [15]: New Course and approved in 15th BoS

9	19BS005	Applied Linear Algebra for Engineers	3	1	-	3	
Elective VIII							
1	19CE016	Repair and Rehabilitation of Structures	2,7,12,PSO2	-	-	-	3
2	19CE017	Remote Sensing and GIS	1,2,5	-	-	-	3
3	19CE018	Pavement Management System	5,12	-	-	-	3
		MOOCs	-	-	-	3	
ELECTIVE IX: Open Elective IV							
1	19CE019	Green Buildings	1,7,12	-	-	-	3
2	19EE017	Sustainable Energy	1,2,12	-	-	-	3
3	19ME019	Total Quality Management	1,11	-	-	-	3
4	19EC011	Communication Technologies	1,2	-	-	-	3
5	19CS020	Applications of Artificial Intelligence	2,3,6,7	-	-	-	3
6	19CH016	Green Technologies	1,6,7	-	-	-	3
7	19IT015	Human Computer Interaction	1,7	-	-	-	3
8	19BS006	Handling of Industrial waste and waste water	1,7	-	-	-	3

Comment [16]: New Course and approved in 15th BoS

Comment [17]: New Course and approved in 15th BoS

Department of Civil Engineering

Minimum Credits to be earned: 160 (for Regular students) 127 (for Lateral Entry Students)

T: C.L	Comostor		ents)				
FIITI	n Semester	I	3, 10,		I		
1	20CE501	Design and Detailing of RC Structures	3	-	2	4	
2	20CE502	Environmental Engineering	3, 6, 7, 12 2, 3, 8,	3	1	-	3
3	20CE503	Foundation Engineering	3	1	-	3	
4	20CE504	Hydrology	2, 3, 12	3	-	2	4
5		Elective I (Professional Elective)		3	1	-	3
6		Elective II (Open Elective I)		3	1	-	3
7	20CE505	Environmental Engineering Laboratory	3, 6, 7, 12	-	-	3	1.5
8	20TPX01	Term Paper	1,4,10,12	-	-	3	1.5
9	20ESX02	Employability Skills II	1,2,5,8,10, 12	1	1	1	-
10	20HSX12	CC & EC Activities II	6,7,9,10	-	-	1	-
11	20SIX01	Summer Internship I	1,2,8,10, 12	-	-	-	1.5
Tota				19	5	12	24.5
Sixtl	h Semester						
1	20CE601	Problem solving using OOPS	1, 5, 12	3	1	-	3
2	20CE602	Design of Steel Structures	3 5 10				
3	20CE603	Estimation and costing	1,12	3	1	-	3
4		Elective III (Professional Elective)		3	-	2	4
5		Elective IV (Open Elective II)		3	1	-	3
6	20CE604	Programming Language Laboratory	1,2,3,5	-	-	3	1.5
7	20MPX01	1,2,3,4,5, 7,8,9,10, 11,12,PS ,PSO2		-	-	3	1.5
8	2000002	Employability Skills II	1	1	4	3	
	20ESX02	r system system	12		1	1	3
9	20ESX02 20HSX12	CC & EC Activities II	6,7,9,10	-	-	1	1
10	20HSX12			-	-		1 -
10 Tota	20HSX12	CC & EC Activities II	6,7,9,10	-	-		1
10 Tota Elec	20HSX12	CC & EC Activities II Audit Course	6,7,9,10	-	-	1 -	1 -
10 Tota Elec	20HSX12	CC & EC Activities II	6,7,9,10	-	-	1 -	1 -
10 Tota Elec	20HSX12	CC & EC Activities II Audit Course	6,7,9,10 12 1,3,PS01, PS02	- - 16	-	1 -	1 -
10 Tota Elec Care 1	20HSX12 Il tive I eer Path I, II, 20CEC11 20CEC21	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials	1,3,PSO1, PSO2 1,3,PSO2	- - 16	- - 5	1 - 10	1 - 23 3 3
10 Tota Elec Care	20HSX12 Il tive I eer Path I, II, 20CEC11	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2	- - 16	- - 5	1 - 10	1 - 23
10 Tota Elec Care 1	20HSX12 Il tive I eer Path I, II, 20CEC11 20CEC21	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials	1,3,PSO1, PSO2 1,3,PSO2	- - 16	- - 5	1	1 - 23 3 3
Tota Elec Care 1 2 3	20HSX12 Il tive I eer Path I, II, 20CEC11 20CEC21 20CEC31	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials Prefabricated Structures Construction Techniques Airport, Railways and Harbour Engineering	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2 4,5,11,	3 3 3	5 1 1	1	1 23 3 3 3
Tota Elec Care 1 2 3 4	20HSX12 Il tive I eer Path I, II, 20CEC11 20CEC21 20CEC31 20CE004	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials Prefabricated Structures Construction Techniques	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2 4,5,11, PSO2	3 3 3 3 3	- - 5 1 1 1 1	10	1 - 23 3 3 3 3
10 Tota Elec Care 1 2 3 4 5	20HSX12 Il tive I eer Path I, II, 20CEC11 20CEC21 20CEC31 20CE004 20CE005 20CE006	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials Prefabricated Structures Construction Techniques Airport, Railways and Harbour Engineering Construction Economics and Finance MOOCs	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2 4,5,11, PSO2 1,3,12	3 3 3 3 3	1 1 1 1 1	10	1 - 23 3 3 3 3 3
10 Tota Elec Care 1 2 3 4 5 6	20HSX12 Itive I 20CEC11 20CEC21 20CEC31 20CE004 20CE005 20CE006 tive II: Open	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials Prefabricated Structures Construction Techniques Airport, Railways and Harbour Engineering Construction Economics and Finance MOOCs Elective I	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2 4,5,11, PSO2 1,3,12 3,10,11	3 3 3 3 3 3	1 1 1 1 1 1	1 - 10	1 - 23 3 3 3 3 3 3 3
10 Tota Elec Care 1 2 3 4 5	20HSX12 Il tive I eer Path I, II, 20CEC11 20CEC21 20CEC31 20CE004 20CE005 20CE006	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials Prefabricated Structures Construction Techniques Airport, Railways and Harbour Engineering Construction Economics and Finance MOOCs Elective I Disaster Management	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2 4,5,11, PSO2 1,3,12 3,10,11	3 3 3 3 3 3	1 1 1 1 1 1	1 - 10	1 - 23 3 3 3 3 3 3
10 Tota Elec Care 1 2 3 4 5 6 Elec 1 2	20HSX12 Itive I 20CEC11 20CEC21 20CEC31 20CE004 20CE005 20CE006 tive II: Open 20CE001 20EE001	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials Prefabricated Structures Construction Techniques Airport, Railways and Harbour Engineering Construction Economics and Finance MOOCs Elective I Disaster Management Electrical Installation, Safety and Auditing	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2 4,5,11, PSO2 1,3,12 3,10,11	3 3 3 3 3 3	1 1 1 1 1 1	1 - 10	1 - 23 3 3 3 3 3 3 3
10 Tota Elec Care 1 2 3 4 5 6 Elec 1	20HSX12 Itive I Per Path I, II, 20CEC11 20CEC21 20CEC31 20CE004 20CE005 20CE006 tive II: Open 20CE001	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials Prefabricated Structures Construction Techniques Airport, Railways and Harbour Engineering Construction Economics and Finance MOOCs Elective I Disaster Management Electrical Installation, Safety and Auditing Fundamentals of Optimization Techniques	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2 4,5,11, PSO2 1,3,12 3,10,11	3 3 3 3 3 3	1 1 1 1 1 1	1 - 10	1 - 23 3 3 3 3 3 3 3 3
10 Tota Elec Care 1 2 3 4 5 6 Elec 1 2	20HSX12 Itive I 20CEC11 20CEC21 20CEC31 20CE004 20CE005 20CE006 tive II: Open 20CE001 20EE001	CC & EC Activities II Audit Course III and Other Core Electives Principles of Building Architecture Geometric Design and Highway Materials Prefabricated Structures Construction Techniques Airport, Railways and Harbour Engineering Construction Economics and Finance MOOCs Elective I Disaster Management Electrical Installation, Safety and Auditing	1,3,PSO1, PSO2 1,3,PSO2 3,PSO2 4,5,11, PSO2 1,3,12 3,10,11	3 3 3 3 3 3 3	1 1 1 1 1 1 1 1	1 - 10	1 - 23 3 3 3 3 3 3 3 3

Comment [18]: Revised and updated 15th BoS dated 04.09.2021.

Comment [19]: Revised and updated 15th BoS dated 04.09.2021.

Comment [110]: Revised and update 15th BoS dated 04.09.2021.

Comment [111]: Revised and update 15th BoS dated 04.09.2021.

6	20CH001	Energy Conversion and Storage Devices	1,3,6,7	3	1	-	3				
7	20IT001	Fundamentals of Multimedia	1,5,7	3	1	-	3				
8	20BS001	Nano Materials and Technology	1,12	3	1	-	3				
Elec	Elective III										
Care	eer Path I, II, l	III and Other Core Electives									
1	20CEC12	Building Services	3,7,12 PSO2	3	-	2	4				
2	20CEC22	Highway Design and Simulation	1,3,PSO2	3	-	2	4				
3	20CEC32	Pre Engineered Buildings	3,11	3	-	2	4				
4	20CE007	AI for Civil Engineering	1, 5, 12	3	-	2	4				
5	20CE008	Engineering Geology	1,2,4, PSO1	3	-	2	4				
6	20CE009	Irrigation and Water Resources Engineering	3, 5, 10, 12	3	-	2	4				
Elec	tive IV: Open	Elective II									
1	20CE002	Air Pollution and Environmental Impact Assessment	6,7,12	3	1	-	3				
2	20EE002	Renewable Energy Sources	2,7	3	1	-	3				
3	20ME002	Principles of Entrepreneurship	1,11	3	1	-	3				
4	20EC002	Electronics for Agriculture	1,2	3	1	-	3				
5	20CS002	Fundamentals of Machine Learning	2,3	3	1	-	3				
6	20CH002	Industrial Safety and Hazard Management	1,2,3,6,8	3	1	-	3				
7	20IT002	Fundamentals of Cloud Computing	1,7	3	1	-	3				
8	20BS002	Advanced Numerical Techniques	1,2	3	1	-	3				
9	20BS003	Functional Materials and Applications	1,7	3	1	-	3				
Aud	it Course										
1	20AT001	Communication Etiquette in Workplaces	-	-	-	-	-				
2	20AT002	Contemporary India: Economy, Policy and Society	-	-	-	-	-				
3	20AT003	Design The Thinking	-	-	-	-	-				
4	20AT004	Ethics and Integrity	-	-	-	-	-				
5	20AT005	Indian Heritage and Culture	-	-	-	-	-				
6	20AT006	Human Values and Professional Ethics	-	-	-	-	-				
7	20AT007	Intellectual Property Rights and Patents	-	-	-	-	-				
8	20AT008	Introduction to Journalism	-	-	-	-	-				
9	20AT009	Mass Media Communication	-	-	-	-	-				
10	20AT010	Science, Technology and Development	-	-	-	-	-				
11	20AT011	Social Responsibility	-	-	-	-	-				
12	20AT012	The Art of Photography and Film Making	-	-	-	-	-				
13	20AT013	Gender Equality for Sustainability	-	-	-	-	-				
14	20AT014	Women in Leadership	-	-	-	-	-				
15	20AT015	Introduction to Research Methodology	-	-	-	-	-				
16	20AT016	Climate Change and Circular Economy	-	-	-	-	-				

Comment [112]: Revised and update 15th BoS dated 04.09.2021.

Comment [113]: Revised and update 15th BoS dated 04.09.2021.

Department of Civil Engineering
Minimum Credits to be earned: 160 (for Regular students)
123 (for Lateral Entry Students)

Thi	rd Semester	123 (101 Editerial Entry State	entsj				
1	21MA303	Numerical Methods	1, 12	3	-	-	3
2	21CE302	Building Materials and Concrete Technology	2,4,8, 12, PSO1	3	-	2	4
3	21CE303	Building Planning and Drawing	5, 10, 12	3	-	2	4
4	21CE304	Fluid Mechanics	1, 12	3	-	-	3
5	21CE305	Solid Mechanics I	1, 12	3	-	-	3
6	21CE306	Surveying	1, 2, 10, 12	3	-	-	3
7	21CE307	Solid Mechanics Laboratory	1, 4	-	-	3	1.5
8	21CE308	Surveying Laboratory	1, 4	-	-	3	1.5
9	21BEA01	Environmental Studies	1,6,7,12	-	-	-	-
10	21ESX01	Employability Skills I	1,2,5,8,10, 12	1	-	1	-
11	21HSX11	CC & EC Activities I	-	-	1	-	
Tota	al			19	-	12	23
Fou	rth Semester				ı		
Fou 1	rth Semester 21CE401	Hydraulics and Hydraulic Machinery	1, 12	3	-	-	3
			1, 12 1, 2, 12, PSO1	3	-	-	3
1	21CE401	Hydraulics and Hydraulic Machinery	1, 2, 12,		-		
2	21CE401 21CE402	Hydraulics and Hydraulic Machinery Soil Mechanics	1, 2, 12, PSO1	3	-	-	3
1 2 3	21CE401 21CE402 21CE403	Hydraulics and Hydraulic Machinery Soil Mechanics Solid Mechanics II	1, 2, 12, PSO1 1, 12	3	-	-	3
1 2 3 4	21CE401 21CE402 21CE403 21CE404	Hydraulics and Hydraulic Machinery Soil Mechanics Solid Mechanics II Structural Analysis	1, 2, 12, PSO1 1, 12 1, 12	3 3 3	-		3 3 3
1 2 3 4 5	21CE401 21CE402 21CE403 21CE404 21CE405	Hydraulics and Hydraulic Machinery Soil Mechanics Solid Mechanics II Structural Analysis Transportation Engineering Fluid Mechanics and Hydraulic Machinery	1, 2, 12, PSO1 1, 12 1, 12 3, 12, PSO2	3 3 3	-	- - - 2	3 3 3 4
1 2 3 4 5	21CE401 21CE402 21CE403 21CE404 21CE405 21CE406	Hydraulics and Hydraulic Machinery Soil Mechanics Solid Mechanics II Structural Analysis Transportation Engineering Fluid Mechanics and Hydraulic Machinery Laboratory	1, 2, 12, PSO1 1, 12 1, 12 3, 12, PSO2 1, 4	3 3 3 -		- - 2 3	3 3 3 4 1.5
1 2 3 4 5 6 7	21CE401 21CE402 21CE403 21CE404 21CE405 21CE406 21CE407	Hydraulics and Hydraulic Machinery Soil Mechanics Solid Mechanics II Structural Analysis Transportation Engineering Fluid Mechanics and Hydraulic Machinery Laboratory Soil Mechanics Laboratory	1, 2, 12, PSO1 1, 12 1, 12 3, 12, PSO2 1, 4 1, 4 1,2,5,8,10,	3 3 3 -		- - 2 3	3 3 3 4 1.5

Comment [114]: Revised and update 15th BoS dated 04.09.2021.

Comment [115]: Revised and update 15th BoS dated 04.09.2021.

GMR Institute of Technology An Autonomous Institute Affiliated to JNTUK, Kakinada



GMR INSTITUTE OF TECHNOLOGY DEPARTMENT OF CIVIL ENGINEERING 15th Board of Studies Meeting

Faculty Attended

26.03.2022

Name	Designation	Signature
Dr. D Rama Seshu		- gilataic
21. 2 Rama Sestia	Professor/Civil NIT Warangal	A
Dr. P.Rajasekhar	Professor/Civil Osmania University, Hyderabad	16ip.
Dr. BVS Viswanadham	Professor/Civil IIT Bombay	Busylmizanadham
Dr. T.V. Praveen	Professor/Civil Andhra University, Vishakhapatnam	my
Dr. K Ramu	Professor/Civil JNTU Kakinada Kakinada	helay
Er. B Narendra Kumar	M.D, Viswanadh Avenues	da A
Or. A Vijayakumar	Professor/GMRIT	W
Dr. G. Ganesh Prabhu	Professor/GMRIT	OK
Dr.J. Sridhar	Associate Professor/GMRIT	
Dr. Jyoti Prakash Giri	Assistant Professor/GMRIT	Ker!
r. U Siva Rama Krishna	Assistant Professor/GMRIT	
r. Naga Siva Pavani Peraka	Assistant Professor/GMRIT	Sant -
r. P. Sarath Chandra	Assistant Professor/GMRIT	Alke.
r. S.S.G. Prasad	Assistant Professor/GMRIT	

Dr. R. Gokulan	Assistant Professor/GMRIT	X
Dr. Madhusmita Ghadai	Assistant Professor/GMRIT	Plota
Dr. A Arun Solomon	Assistant Professor/GMRIT	Same
Mr. B.P.R.V.S.Priyatham	Assistant Professor/GMRIT	p
Mr. K.Naga Rajesh	Assistant Professor/GMRIT	62
Mr. Bimalendu Dash	Assistant Professor/GMRIT	Boash.
Mr. B A V Ram Kumar	Assistant Professor/GMRIT	N
Mr. P. Ramu	Assistant Professor/GMRIT	Cont
Mr. S.H. Vamsi Krishna	Assistant Professor/GMRIT	Glews!
Mr. G. Madhava Krishna Reddy	Assistant Professor/GMRIT	Medy
Ms. Reshma das Mohapatra	Assistant Professor/GMRIT	Bulo
Mr. R. Karthik	Assistant Professor/GMRIT	Ja Rich
Mr. K. Raviteja	Assistant Professor/GMRIT	the Cozyalia.
Mr. K S R Kumar	Assistant Professor/GMRIT	KS-RK4
Mr. K Srikanth	Assistant Professor/GMRIT	+62
Ms. S. Sowjanya	Assistant Professor/GMRIT	-
Mr. V Raja Sekhar	Assistant Professor/GMRIT	-

Department of Civil Engineering

15th Board of Studies (Virtual) Meet 26 March 2022, 10-30 AM Minutes of the Meeting

S.No	Points Discussed	Remarks
1.	Welcoming Dr. K Ramu, Professor, JNTU Kakinada as the External BoS Member: Dr. A Vijaya Kumar welcomed the panel members and introduced the new BoS member, Dr. K Ramu, Professor, Department of Civil Engineering, JNTU Kakinada. Professor is nominated by the Institute committee to act as a JNTUK nominated BoS member to monitor the curriculum, and academic related activities. The panel members greeted Dr. K Ramu and proceeded with the discussion.	
2.	14 th BoS: Action Taken Report Approved by the Panel	
3.	Review & Finalization of Electives in 7 th and 8 th Semesters of AR19 and AR20: Course structure is approved by the panel members	
4.	19CEC13 Building Information Modeling: Panel members enquired about the availability of required software packages at the institute to impart practical knowledge to the students. Dr. A Vijaya Kumar responded that the REVIT and NAVISWORKS software packages are available at the department computing facility. Panel approved the course.	

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Dr. K Ramu	Dr. BVS Viswanadham	Dr. D. Rama Seshu	Dr. T.V. Praveen	Dr. P. Rajasekhar	Mr. B. Narendra Kumar	Mr. G. Suresh
JNTU Kakinada	IIT Bombay	NIT Warangal	Andhra University, Vishakhapatnam	Osmania University, Hyderabad	Viswanadh Avenues	AEE, Dept. of WRE AP

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5.	19CEC23 Highway Project Formulation and Economics: Panel members reviewed the course contents and approved the course for inclusion in the AR19 and AR20 curricula.	
6.	19CEC33 BIM for Pre-Engineered Building: Panel members asked about the basic difference between the courses 19CEC13 and 19CEC33. Dr. Arun and Dr. A Vijaya Kumar responded that 19CEC33 specifically explains the modeling of Pre-Engineered building aspects in BIM, while 19CEC13 discusses most of the aspects of BIM. Panel approved the course.	
7.	19CE010 Construction Economics and Finance: Panel members reviewed the course contents and approved the course for inclusion in the AR19 and AR20 curricula.	
8.	 19CE011 Advanced Reinforced Concrete Design: The title of Unit -III (Combined and Pile Foundation) needs revision. Panel members reviewed the textbooks and references given for the course and suggested to include "Sub-Structural Design" by Swami Saran in the list of references 	
9.	19CE012 Construction Methods and Equipment: Panel members reviewed the course contents and approved the course for inclusion in the AR19 and AR20 curricula.	
10.	19CE013 Basics of Dynamics and Earthquake Engineering: Panel members reviewed the course contents and approved the course for inclusion in the AR19 and AR20 curricula.	
11.	19CE014 Pavement Analysis and Design: Panel members reviewed the course contents and approved the course for inclusion in the AR19 and AR20 curricula.	
12.	19CE015 Prestressed Concrete Structures: External panel members discussed with the faculty to know whether the advanced topics are included in the curriculum. The faculty stated that the fundamental concepts are only studied at UG level while the advanced topics will be studied in M.Tech.	

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Dr. K Ramu	Dr. BVS Viswanadham	Dr. D. Rama Seshu	Dr. T.V. Praveen	Dr. P. Rajasekhar	Mr. B. Narendra Kumar	Mr. G. Suresh
JNTU Kakinada	IIT Bombay	NIT Warangal	Andhra University, Vishakhapatnam	Osmania University, Hyderabad	Viswanadh Avenues	AEE, Dept. of WRE AP

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	The panel approved the course contents.	
13.	19CE016 Repair and Rehabilitation of Structures: Panel members reviewed the course contents and approved the course for inclusion in the AR19 and AR20 curricula.	
14.	19CE017 Remote Sensing and GIS: Panel members reviewed the course contents and approved the course for inclusion in the AR19 and AR20 curricula.	
15.	19CE018 Pavement Management System: Panel members reviewed the course contents and approved the course for inclusion in the AR19 and AR20 curricula.	
16.	Additional electives in M.Tech curriculum: The existing M.Tech curriculum structure, courses, and titles were approved by the panel in the 14 th BoS meeting. As per the recommendations made in the National Education Policy and the guidelines given by AICTE, additional electives are prepared to provide ample scope for the students to update their skills on cutting edge technologies in multidisciplinary environment. Therefore, AR16 PG regulations (M.Tech in Transportation Engineering) of GMRIT, three compulsory courses and two electives are now offered in the 1 st and 2 nd semesters. So, in the current BoS, the revised list of electives are presented to the panel members for approval. The panel approved the same.	
17.	Honors and Minors courses: The revised list of honors and existing minor courses are presented to the panel members for approval. The panel approved the same.	
18.	Open Electives: Panel members approved the course contents of open electives offered by the departments in 7th and 8th semesters. Panel members also appreciated the department for offering Green Buildings and Disaster Management courses as Open Electives.	

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Dr. K Ramu	Dr. BVS Viswanadham	Dr. D. Rama Seshu	Dr. T.V. Praveen	Dr. P. Rajasekhar	Mr. B. Narendra Kumar	Mr. G. Suresh
JNTU Kakinada	IIT Bombay	NIT Warangal	Andhra University, Vishakhapatnam	Osmania University, Hyderabad	Viswanadh Avenues	AEE, Dept. of WRE AP

19.	Approval for readmitted students with transitory regulations: Panel approved the readmission of a student who discontinued the course in AR16 and readmitted in AR19 with transitory regulations. Panel also approved that the student can now continue the course work according to AR16 regulation.						
20.	Updating of program wise subject expert lists The panel approved the subject experts list for civil engineering courses						
21.	 Question banks: Panel members suggested to mark the level of difficulty of the questions so that the automated question paper setting algorithm could be controlled. Also, panel members suggested that the moderator should maintain the confidentiality and closely monitor to avoid repetition of questions in the examinations. Software packages: Panel members enquired about the availability of software packages at the institute to impart practical knowledge to the students. Dr. A Vijaya Kumar informed that AUTOCAD, REVIT, NAVISWORKS, STAADPro, ArcGIS, FEFLOW, IITPAVE, and other modelling software are available at the department computing facility. Reflections: Dr. A Vijaya Kumar mentioned that the department currently had 11 doctorates and remaining faculty members are pursuing Ph.D. Professor also presented the placement status of the department. 						

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Coordinator(s)

HoD-CIVIL

Dr.AVK	Dr.G.G.P	Dr.J.S	Dr.JPG	Dr.R.G	Dr.S.S.G	Dr.A.A.S	Dr.G.M
DR.PNSP	Mr.USRK	Mr.PM	Fg.?	7	P	South	weda
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