

GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)


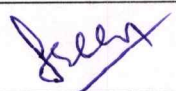

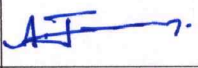

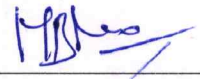

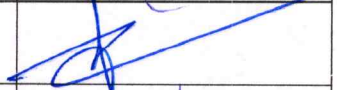

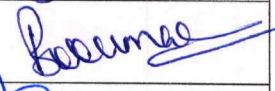

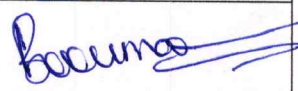
Seshadri Rao Knowledge Village

Gudlavalleru – 521 356, Krishna District, Andhra Pradesh



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The 14th Meeting of **Academic Council** of Gudlavalleru Engineering College (Autonomous), Seshadri Rao Knowledge Village, Gudlavalleru is held today i.e. 24-12-2020 (Thursday) at 03-00 PM through online under the Chairmanship of Dr. G. V. S. N. R. V. Prasad, Principal of the College.

MEMBERS JOINED:

Sl. No.	Name of the Member	Designation	User Action	Timestamp	Signature
1	Dr. G.V.S.N.R.V. Prasad Principal	Chairman	Joined	12/24/2020, 2:45:13 PM	
2	Dr. A. Sreenivasulu Professor & HoD (i/c), Department of CE	Member	Joined	12/24/2020, 2:45:14 PM	
3	Dr. B. Dasu Assoc. Professor & HoD (i/c), Department of EEE	Member	Joined	12/24/2020, 2:45:14 PM	
4	Dr. A. Jawahar Babu Professor & HoD of ME	Member	Joined	12/24/2020, 2:45:14 PM	
5	Dr. Y. Rama Krishna Professor & HoD of ECE	Member	Joined	12/24/2020, 2:45:14 PM	
6	Dr. M. Babu Rao Professor & HoD of CSE	Member	Joined	12/24/2020, 2:51:29 PM	
7	Dr. Ch. Kavitha Professor & HoD of IT	Member	Joined	12/24/2020, 2:48:38 PM	
8	Dr. Ch. Nirmal Chand Professor & HoD of MBA	Member	Joined	12/24/2020, 2:48:50 PM	
9	Dr. S. Suresh Sr. Gr. Assistant Professor of Physics & HoD (i/c), Department of BS&H	Member	Joined	12/24/2020, 2:45:14 PM	
10	Dr. B. Karuna Kumar HoD of English	Member	Joined	12/24/2020, 2:45:35 PM	
11	Dr. P. Ravindra Babu Professor of ME & Advisor to the Management (<i>Principal's Nominee</i>)	Member	Joined	12/24/2020, 2:45:48 PM	
12	Dr. B. Karuna Kumar Professor of ME, Director (AS&A) and HoD of English, (<i>Principal's Nominee</i>)	Member	Joined	12/24/2020, 2:45:35 PM	
13	Dr. P. Nageswara Reddy Professor of ME & Director (PG Studies, Consultancy & Testing and R&D) (<i>Principal's Nominee</i>)	Member	Could not join	---	

(Contd....2)

Sl. No.	Name of the Member	Designation	User Action	Timestamp	Signature
14	Dr. Y. Adi Lakshmi Associate Professor of CSE (<i>Principal's Nominee</i>)	Member	Joined	12/24/2020, 3:06:32 PM	
15	Mr. B. V. S. Raghu Vamsi Sr.Gr.Asst.Professor of ME (<i>Principal's Nominee</i>)	Member	Joined	12/24/2020, 2:45:14 PM	B. Raghu Vamsi
16	Dr. K. Lal Kishore Director, R&D, CVR College of Engineering, Hyderabad Former Vice – Chancellor, JNTUA, Ananthapur, Former Rector, JNTUH, Hyderabad (<i>Governing Body Nominee</i>)	Member	Joined	12/24/2020, 2:59:56 PM	
17	Dr. D. V. L. N. Somayajulu Professor of CSE & Director, IIT, Karnool (<i>Governing Body Nominee</i>)	Member	Joined	12/24/2020, 3:09:43 PM	
18	Mr. Sailendra Meduri Technical Lead and Program Manager, L&T Technology Services, Chennai (<i>Governing Body Nominee</i>)	Member	Joined	12/24/2020, 3:06:38 PM	
19	Dr. Ramanujam Parthasarathy Professor of English, G3, Sreeja Apartments, Srinivasa Nagar Bank Colony, Vijayawada. (<i>Governing Body Nominee</i>)	Member	Joined	12/24/2020, 2:55:48 PM	
20	Mr. J. S. R. K. Prasad CEO, Better Castings Pvt. Limited, JRD Tata Industrial Estate, Gantivari Street, Christurajapuram, Kanuru, Vijayawada – 520 007. (<i>Governing Body Nominee</i>)	Member	Joined	12/24/2020, 4:15:16 PM	
21	Dr. R. Srinivasa Rao Professor of EEE, and Director, Academic & Planning, JNTUK, Kakinada (<i>Affiliating University Nominee</i>)	Member	Joined	12/24/2020, 3:03:24 PM	R. Srinivasa Rao
22	Dr. L. Sumalatha Professor of CSE, UCEK, Kakinada Director of Evaluation, JNTUK, Kakinada, (<i>Affiliating University Nominee</i>)	Member	Joined	12/24/2020, 3:08:57 PM	
23	Dr. P. Subba Rao Professor of CE, University College of Engineering Kakinada, JNTUK, Kakinada, (<i>Affiliating University Nominee</i>)	Invitee	Joined	12/24/2020, 3:09:06 PM	
24	Dr. M. R. Ch. Sasty Professor of ME & Vice Principal – Academics	Member Secretary	Joined	12/24/2020, 2:45:14 PM	M. R. Ch. Sasty
Invitees:					
25	Dr. K. Syam Sundar Controller of Examinations	Member	Joined	12/24/2020, 2:45:14 PM	

GUDLAVALLERU ENGINEERING COLLEGE

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356

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Minutes of the 14th Meeting of the Academic Council held on 24-12-2020, Thursday through online.

Members Joined:

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2	Dr. A. Sreenivasulu Professor & HoD (i/c), Dept. of CE	Member	Joined	12/24/2020, 2:45:14 PM
3	Dr. B. Dasu Associate Professor & HoD (i/c), Department of EEE	Member	Joined	12/24/2020, 2:45:14 PM
4	Dr. A. Jawahar Babu Professor & HoD of ME	Member	Joined	12/24/2020, 2:45:14 PM
5	Dr. Y. Rama Krishna Professor & HoD of ECE	Member	Joined	12/24/2020, 2:45:14 PM
6	Dr. M. Babu Rao Professor & HoD of CSE	Member	Joined	12/24/2020, 2:51:29 PM
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14	Dr. Y. Adi Lakshmi Associate Professor of CSE (<i>Principal's Nominee</i>)	Member	Joined	12/24/2020, 3:06:32 PM

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24	Dr. M. R. Ch. Sasty Professor of ME & Vice Principal – Academics	Member Secretary	Joined	12/24/2020, 2:45:14 PM
Invitee:				
25	Dr. K. Syam Sundar	Member	Joined	12/24/2020, 2:45:14 PM

14.1 To confirm the minutes of the last Meeting of the Academic Council held on 28-09-2020.

Resolution: The Minutes of the 13th Academic Council meeting held on 29-09-2020 have been confirmed.

14.2 To nominate two subject experts and a representative from industry / corporate sector / allied area relating to placement on the Boards of Studies of the respective departments.

The following members from academia and industry are nominated to the Boards of Studies of various departments for the academic years 2020-21 and 2021-22.

i) Department of Civil Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. A. Rajagopal	Professor	Department of Civil Engineering, IIT, Hyderabad Mobile No: 8985156490, e-mail ID: rajagopal@ce.iith.ac.in	Member (Subject Expert)
2	Dr. M. Chandrasekhar	Professor	Department of Civil Engineering NIT, Warangal Mobile No: 9908132001 e-mail ID: 380mcs@gmail.com, mcs@nitw.ac.in	Member (Subject Expert)
3	Sri P. Gandhi	Chief Scientist and Head	SERC, Chennai Mobile: 9176118182, e-mail ID: pgandhi@serc.res.in	Member (Represent ative from Industry)

ii) Department of Electrical and Electronics Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. V. T. Somasekhar	Professor	Department of Electrical & Electronics Engg, National Institute of Technology, Warangal – 506004, A.P. India Mobile: 8332969284, 9908150883, e-mail: vtsomasekhar@rediffmail.com	Member (Subject Expert)
2	Dr. Debapriya Das	Professor	Department of Electrical Engineering, IIT Kharagpur Mobile: 3222283043, 3222 279507, e-mail ID: ddas@ee.iitkgp.ernet.in	Member (Subject Expert)
3	Sri N. D. Siva Ram	Assistant Divisional Engineer	APGENCO, NTTPS, Vijayawada. Mobile: 9849953938	Member (Represent ative from Industry)

iii) Department of Mechanical Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. G. Venkatarathnam	Professor	Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai , Tamil Nadu. Mobile: 9444008469, e-mail ID: gvenkat@iitm.ac.in	Member (Subject Expert)
2	Dr. Krishnanand Lanka	Professor	Department of Mechanical Engineering, National Institute of Technology, Warangal – 506004. Mobile : 8702462312, e-mail ID:lanka@nitw.ac.in	Member (Subject Expert)
3	Mr. P. V. S. Mohan Sharma	Senior Manager	Mahindra & Mahindra Ltd , Chengalpattu, Tamilnadu. Mobile: 9042331906, e-mail ID : sarma.km@mahindra.com	Member (Represent ative from Industry)

iv) Department of Electronics and Communication Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. Mrinal Kanti Mandal	Professor	Department of Electrical and Electronics Communication Engineering, IIT Khargpur, Kharagpur-721302, India. Mobile: 3222-283550, 97340 92899, e-mail ID: mkmandal@ece.iitkgp.ac.in	Member (Subject Expert)
2	Dr. B. K. N. Srinivasa Rao	Assistant Professor	Department of ECE, National Institute of Technology Warangal, Warangal – 506 004. Mobile: 9800296596, 0870-2459191(O), e- mail ID: srinu.bkn@nitw.ac.in	Member (Subject Expert)
3	Mr. S. Bhavani Shankar	Head, IoT Division	Efftronics Systems Pvt. Ltd., Vijayawada Mobile: 9395155608, e-mail ID: sbshankar@efftronics.com	Member (Represent ative from Industry)

v) Department of Computer Science and Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. S. Bapiraju	Professor	Department of Computer Science, International Institute of Information Technology Hyderabad, Gachibowli, Hyderabad 500 032 Mobile : 9440531962, e-mail ID: bapiks@yahoo.co.in, raju.bapi@iiit.ac.in	Member (Subject Expert)
2	Dr. Yogesh Kumar Meena	Associate Professor	Department of CSE, Malaviya National Institute of Technology Jaipur, Jaipur-302017, India. Mobile No: 0141-2713420, e-mail ID: ymeena.cse@mnit.ac.in	Member (Subject Expert)

3	Dr. K. V. S. R. P. Varma	Technical Manager, R&D,	HCL Technologies, Chennai, Mobile: 9962449949 e-mail ID: varma.6680@gmail.com	Member (Representative from Industry)
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vi) Department of Information Technology

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. Madhu Mutyam	Professor	Department of CSE, Indian Institute of Technology, Madras. Mobile: 44 2257 4379, e-mail ID: madhu@cse.iitm.ac.in	Member (Subject Expert)
2	Dr. Sriram G. Sanjeevi	Professor	Department of CSE, National Institute of Technology, Warangal - 506004, Telangana, INDIA Mobile: +91 - 08702468711, e-mail IDs: sgs@nitw.ac.in, sgsanjeevi108@gmail.com	Member (Subject Expert)
3	Mr. Dhara Mahesh	Director – Product Engineering	Forecastera Technologies Pvt.Ltd., Hyderabad Mobile: +91 - 7032674363, e-mail: dhara.mahesh@forecastera.com	Member (Representative from Industry)

vii) Department of Master of Business Administration

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. G. Stayanarayana	Professor	Dept. of Commerce & Management Studies, Andhra University, Visakhapatnam. Mobile: 9848713150, e-mail ID: satyanarayanadcms@gmail.com.	Member (Subject Expert)
2	Dr. A. Chandra Mohan	Professor and Head	Department of Management, Dean-School of Commerce & Business Management Central University of Tamilnadu Neelakudi, Thiruvarur – 610005, Tamil Nadu, India Mobile: 9884116094, 8074711392, e-mail ID: profacmohan@gmail.com	Member (Subject Expert)
3	Mr. J.V.S. Reddy	Managing Director	M/s. R.K. Industries 5-7/8-108, Chittinagar Vijayawada - 520009. Mobile No.: 9848111636. e-mail ID: industriesrk@yahoomail.com	Member (Representative from Industry)

viii) Department of Basic Sciences and Humanities

Sl. No.	Name	Designation	Institute / University / Organization	Position
Mathematics				
1	Dr. P. Muthu	Professor & Head	Head of the Department of Mathematics, NIT, Warangal, Mobile: 08702462800, 8332969452, e-mail ID: maths_hod@nitw.ac.in	Member (Subject Expert)
2	Prof. G.V.S.R. Anjaneyulu	Professor of Statistics	Acharya Nagarjuna University, Nagarjuna Nagar, Guntur - 522 510, Andhra Pradesh. Mobile : 0863-2346416,+91- 9490114798, e-mail ID: gvsr_anjaneyulu@rediffmail.com, profgvsranu@gmail.com	Member (Subject Expert)
Physics				
1	Prof. V. Subramanian	Professor	Microwave Laboratory, Department of Physics, IIT, Madras Mobile: 9382832589, e-mail ID: manianvs@gmail.com	Member (Subject Expert)
Chemistry				
1	Dr. Ch. Subramanyam	Professor	Department of Chemistry, Indian Institute of Technology Hyderabad, Hyderabad Mobile : 9550435527, e-mail ID: csubbu@iith.ac.in	Member (Subject Expert)

ix) Department of English

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr Suvarna Lakshmi G	Professor & Head	Dept of English Language Teaching School of Distance Education The English and Foreign Language University Hyderabad - 500007. Mobile: 9014114136 e-mail: suvarna1974@gmail.com	Member (Subject Expert)

14.3 To review and ratification of the semester end examination results for the academic year 2019-20.

The Academic Council reviewed and ratified the semester end examinations (Regular & Supplementary) results of B.Tech, M.Tech and MBA for the academic year 2019-20.

I B.Tech 2nd Semester (R17) Regular Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	104	96	40	56	38.46	41.67
Electrical and Electronics Engineering	86	85	43	42	50.00	50.59
Mechanical Engineering	141	131	46	85	32.62	35.11
Electronics and Communication Engineering	252	248	193	55	76.59	77.82
Computer Science and Engineering	255	251	208	43	81.57	82.87
Information Technology	127	126	98	28	77.17	77.78
Overall Pass Percentage	965	937	628	309	65.08	67.02

II B.Tech 2nd Semester (R17) Regular Examinations, November 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	161	158	110	48	68.32	69.62
Electrical and Electronics Engineering	160	155	81	74	50.63	52.26
Mechanical Engineering	175	171	98	73	56.00	57.31
Electronics and Communication Engineering	258	257	201	56	77.91	78.21
Computer Science and Engineering	258	257	217	40	84.11	84.44
Information Technology	123	121	82	39	66.67	67.77
Overall Pass Percentage	1135	1119	789	330	69.52	70.51

III B.Tech 2nd Semester (R17) Regular Examinations, November 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	184	182	165	17	89.67	90.66
Electrical and Electronics Engineering	177	174	102	72	57.63	58.62
Mechanical Engineering	183	182	139	43	75.96	76.37
Electronics and Communication Engineering	280	280	203	77	72.50	72.50
Computer Science and Engineering	252	250	232	18	92.06	92.80
Information Technology	104	104	96	8	92.31	92.31
Overall Pass Percentage	1180	1172	937	235	79.41	79.95

PG – M.Tech & MBA Programs: Regular

M.Tech & MBA 2nd Semester (R17) Regular Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Structural Engineering	15	14	12	2	80.00	85.71
Power Electronics and Electric Drives	5	4	4	0	80.00	100.00
Machine Design	7	7	2	5	28.57	28.57
Embedded Systems	1	1	1	0	100.00	100.00
Computer Science and Engineering	4	4	4	0	100.00	100.00
Overall Pass Percentage	32	30	23	7	71.88	76.67
Master of Business Administration	75	73	72	1	96.00	98.63

M.Tech 2nd Semester (R19) Regular Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
VLSI Design and Embedded Systems	4	4	4	0	100.00	100.00

UG – B.Tech Programs: Supplementary

R17:

I B.Tech 2nd Semester (R17) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	62	56	16	40	25.81	28.57
Electrical and Electronics Engineering	41	34	10	24	24.39	29.41
Mechanical Engineering	54	49	16	33	29.63	32.65
Electronics and Communication Engineering	29	25	7	18	24.14	28.00
Computer Science and Engineering	35	31	9	22	25.71	29.03
Information Technology	38	36	16	20	42.11	44.44
Overall Pass Percentage	259	231	74	157	28.57	32.03

II B.Tech 2nd Semester (R17) Supple Examinations, November 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	20	15	5	10	25.00	33.33
Electrical and Electronics Engineering	27	24	5	19	18.52	20.83
Mechanical Engineering	40	38	15	23	37.50	39.47
Electronics and Communication Engineering	31	24	6	18	19.35	25.00
Computer Science and Engineering	20	17	4	13	20.00	23.53
Information Technology	15	12	5	7	33.33	41.67
Overall Pass Percentage	153	130	40	90	26.14	30.77

R14 :

I B.Tech 1st Semester (R14) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	24	21	11	10	45.83	52.38
Electrical and Electronics Engineering	5	2	1	1	20.00	50.00
Mechanical Engineering	21	20	11	9	52.38	55.00
Electronics and Communication Engineering	9	8	7	1	77.78	87.50
Computer Science and Engineering	14	14	3	11	21.43	21.43
Information Technology	13	13	5	8	38.46	38.46
Overall Pass Percentage	86	78	38	40	44.19	48.72

I B.Tech 2nd Semester (R14) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	18	17	8	9	44.44	47.06
Electrical and Electronics Engineering	6	3	1	2	16.67	33.33
Mechanical Engineering	21	21	5	16	23.81	23.81
Electronics and Communication Engineering	5	5	4	1	80.00	80.00
Computer Science and Engineering	13	13	6	7	46.15	46.15
Information Technology	9	9	4	5	44.44	44.44
Overall Pass Percentage	72	68	28	40	38.89	41.18

II B.Tech 1st Semester (R14) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	26	22	13	9	50.00	59.09
Electrical and Electronics Engineering	24	14	6	8	25.00	42.86
Mechanical Engineering	37	34	19	15	51.35	55.88
Electronics and Communication Engineering	24	22	14	8	58.33	63.64
Computer Science and Engineering	19	17	6	11	31.58	35.29
Information Technology	18	17	11	6	61.11	64.71
Overall Pass Percentage	148	126	69	57	46.62	54.76

II B.Tech 2nd Semester (R14) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	38	34	26	8	68.42	76.47
Electrical and Electronics Engineering	31	26	17	9	54.84	65.38
Mechanical Engineering	29	28	17	11	58.62	60.71
Electronics and Communication Engineering	21	20	13	7	61.90	65.00
Computer Science and Engineering	28	24	11	13	39.29	45.83
Information Technology	9	7	2	5	22.22	28.57
Overall Pass Percentage	156	139	86	53	55.13	61.87

III B.Tech 1st Semester (R14) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	16	15	10	5	62.50	66.67
Electrical and Electronics Engineering	27	25	10	15	37.04	40.00
Mechanical Engineering	16	16	4	12	25.00	25.00
Electronics and Communication Engineering	19	17	14	3	73.68	82.35
Computer Science and Engineering	13	13	5	8	38.46	38.46
Information Technology	7	7	4	3	57.14	57.14
Overall Pass Percentage	98	93	47	46	47.96	50.54

III B.Tech 2nd Semester (R14) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	23	22	18	4	78.26	81.82
Electrical and Electronics Engineering	25	18	11	7	44.00	61.11
Mechanical Engineering	21	21	14	7	66.67	66.67
Electronics and Communication Engineering	17	16	15	1	88.24	93.75
Computer Science and Engineering	12	11	3	8	25.00	27.27
Information Technology	12	12	6	6	50.00	50.00
Overall Pass Percentage	110	100	67	33	60.91	67.00

IV B.Tech 2nd Semester (R14) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	26	25	20	5	76.92	80.00
Electrical and Electronics Engineering	3	2	2	0	66.67	100.00
Mechanical Engineering	4	4	4	0	100.00	100.00
Electronics and Communication Engineering	14	13	11	2	78.57	84.62
Computer Science and Engineering	11	11	8	3	72.73	72.73
Information Technology	3	2	2	0	66.67	100.00
Overall Pass Percentage	61	57	47	10	77.05	82.46

PG – M.Tech & MBA Programs: Supplementary

M.Tech 2nd Semester (R17) Supple Examinations, October 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Structural Engineering	2	2	1	1	50.00	50.00
Embedded Systems	3	3	2	1	66.67	66.67
Overall Pass Percentage	5	5	3	2	60.00	60.00

MBA (R17) Supple Examinations, November 2020

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
First Semester	11	10	8	2	72.73	80.00
Second Semester	4	4	4	0	100.00	100.00
Third Semester	3	3	3	0	100.00	100.00

14.4 To review and ratify the substituted subjects for R17 Regulations submitted by the Chairman of various Boards of Studies for the academic year 2020-21.

The Academic Council reviewed and ratified the following substitute subjects offered to the IV B.Tech 1st Semester Re-admitted students (R14 to R17) recommended by the various Boards of Studies during the academic year 2020-21.

Branch	Original theory/Lab course as per R17 Curriculum	Substitute Subject offered
CE	Design of Steel Structures (CE2553)	Elements of Mechanical & Electrical Engineering (ME2502)
EEE	Power Electronics Lab (EE2544)	Electrical Systems Simulation Lab
ME	Industrial Engineering and Management (ME2551)	Heat Transfer (ME2540)/Mechanical Vibrations (ME2530)
	Mini Project (ME2563)	Heat Transfer Lab (ME2546)
ECE	Mini Project on Smart Applications (EC2565)	Digital Signal Processing Lab (EC2552)
CSE		-Nil-
IT	Managerial Economics and Financial Analysis (BA2502)	Engineer & Society (EN2502)
	Mini Project (IT2522)	Free and Open Source Software Lab (IT1526)

14.5 To review and ratify the additional subjects recommended by the Chairpersons of various Boards of Studies for rejoined students (i.e. from R14 to R17 regulations) to acquire the required number of credits as per R14 regulations.

The Academic Council reviewed and ratified the following additional subjects to re-admitted students (R14 to R17 regulations) of IV B.Tech first semester to acquire the required number of credits as per R14 regulations recommended by the Chairpersons of various Boards of Studies during the academic year 2020-21.

Roll No	Additional Subjects offered	Number of Credits	Year & Semester
Civil Engineering			
16481A0113	Construction Management (CE2529)	3	IV B.Tech I Semester
	Ground Improvement Techniques (CE2542)	3	IV B.Tech II Semester
16481A0125	Construction Management (CE2529)	3	IV B.Tech I Semester
	Ground Improvement Techniques (CE2542)	3	IV B.Tech II Semester
16481A0171	Construction Management (CE2529)	3	IV B.Tech I Semester
	Ground Improvement Techniques (CE2542)	3	IV B.Tech II Semester

Roll No	Additional Subjects offered	Number of Credits	Year & Semester
16481A0174	Construction Management (CE2529)	3	IV B.Tech I Semester
	Ground Improvement Techniques (CE2542)	3	IV B.Tech II Semester
17485A0111	Construction Management (CE2529)	3	IV B.Tech I Semester
	Environmental Pollution and Its Control (CE2540)	3	IV B.Tech II Semester
Electrical and Electronics Engineering			
16481A0205	Power System Operation & Control (EE2540)	3	IV B.Tech I Semester
	Power Semiconductor Drives (EE2538)	3	IV B.Tech II Semester
16481A0242	High Voltage Engineering (EE2541)	3	IV B.Tech I Semester
	Power Semiconductor Drives (EE2538)	3	IV B.Tech II Semester
16481A0248	Power System Operation & Control (EE2540)	3	IV B.Tech I Semester
	Power Semiconductor Drives (EE2538)	3	IV B.Tech II Semester
	Elements of Civil Engineering (CE2515)	3	IV B.Tech II Semester
17485A0238	Energy Audit, Conservation and Management (EE2552)	3	IV B.Tech I Semester
	Special Electrical Machines (EE2553)	3	IV B.Tech II Semester
Mechanical Engineering			
16481A0359	Principles of Finite Element Method (ME2543)	3	IV B.Tech II Semester
Electronics and Communication Engineering			
15481A0459	Digital TV Engineering (EC1551)	3	IV B.Tech I Semester
16481A04M9	Sensors and Instrumentation (EC1548)	3	IV B.Tech I Semester
	Digital TV Engineering (EC1551)	3	IV B.Tech I Semester
	Computer Networks (EC1537)	3	IV B.Tech II Semester
	Automotive Electronics (EC1540)	3	IV B.Tech II Semester
	Electronic System Design (EC1539)	3	IV B.Tech II Semester
16481A04N6	Sensors and Instrumentation (EC1548)	3	IV B.Tech I Semester
	Digital TV Engineering (EC1551)	3	IV B.Tech I Semester
	Computer Networks (EC1537)	3	IV B.Tech II Semester
	Automotive Electronics (EC1540)	3	IV B.Tech II Semester
	Electronic System Design (EC1539)	3	IV B.Tech II Semester
17485A0416	Engineer & Society (EN2502)	2	IV B.Tech II Semester
	VLSI Lab (EC2553)	2	IV B.Tech II Semester
Computer Science and Engineering			
16481A05D5	Data Science (CS2508)	3	IV B.Tech I Semester
	C#.NET (CS2506)	3	IV B.Tech I Semester
	Artificial Intelligence (CT2521)	3	IV B.Tech II Semester
16481A05I8	Scripting Languages (CT2529)	3	IV B.Tech II Semester
	Cyber Security (CS2513)	3	IV B.Tech II Semester

Roll No	Additional Subjects offered	Number of Credits	Year & Semester
17485A0506	Advanced Data Structures (CT2522)	3	IV B.Tech I Semester
	Virtual and Augmented Reality (CT2524)	3	IV B.Tech I Semester
	Artificial Intelligence (CT2521)	3	IV B.Tech II Semester
	Node and Angular JS (CS2512)	3	IV B.Tech II Semester
Information Technology			
16481A12A0	Multimedia Application Development (IT1522)	3	IV B.Tech I Semester
	Data Warehousing and Data Mining (CT1517)	3	IV B.Tech II Semester

14.6 Any other item with the permission of the chair.

Members of Academic Council suggested to

- constitute separate Boards of Studies (BoS) to UG and PG programs.
- have one BoS to Chemistry and Environmental Studies.
- consider one faculty from IITs, and one Faculty from NITs with different specializations on BoS.
- have members of BoS preferably from different IITs and NITs in future.
- design and delivery of proper instruction methodology to improve understanding of tough subjects like Engineering Mechanics by students which will improve results.
- offer tough subjects in two semesters.