

Estd. 1989

SIR C.R. REDDY COLLEGE OF ENGINEERING

ELURU - 534 007, Eluru Dist, A.P., INDIA

ACCREDITED BY NBA, APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
PERMANENTLY AFFILIATED TO JNTUK, KAKINADA

www.sircrrengg.ac.in



OFF : (08812) 230840, 230565
FAX : (08812) 224193
Email : principal.sircrrengg@gmail.com

Ref. No.

Date :


Criterion 1 - Curricular Aspects

- 1.1.1 The Institution ensures effective curriculum delivery through a well-planned and documented process including to the academic calendar including for the conduct of CIE

S.no	description of document
1	University Academic Calendar
2	College Academic Calendar
3	Work Load Distribution
4	Class work Time tables
5	Lesson plans
6	Project work Certificates
7	Internship Certificates
8	List add on programs
9	Internal Mid Exam time tables
10	Semester End Exam Time table
11	Result Analysis


IQAC
COORDINATOR




PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/I Year /B. Tech/2022

Date 23.09.2022

Dr. KVSG Murali Krishna,
M.E, Ph.D.,

Director, Academic Planning
JNTUK, Kakinada

To
All the Principals of Affiliated Colleges,
JNTUK, Kakinada.

Academic Calendar for I Year - B. Tech for the AY 2022-23

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	26.09.2022		
Induction Classes	26.09.2022	15.10.2022	3W
I Unit of Instruction	17.10.2022	10.12.2022	8W
I Mid Examinations	05.12.2022	10.12.2022	
II Unit of Instructions	12.12.2022	04.02.2023	8W
II Mid Examinations	30.01.2023	04.02.2023	
Preparation & Practicals	06.02.2023	11.02.2023	1W
End Examinations	13.02.2023	25.02.2023	2W
Commencement of II Semester Class Work	27.02.2023		
II SEMESTER			
I Unit of Instructions	27.02.2023	22.04.2023	8W
I Mid Examinations	17.04.2023	22.04.2023	
II Unit of Instructions	24.04.2023	17.06.2023	8W
II Mid Examinations	12.06.2023	17.06.2023	
Preparation & Practicals	19.06.2023	24.06.2023	1W
End Examinations	26.06.2023	08.07.2023	2W

Principal

Sir C R Reddy College of Engineering
ELURU - 534 007

Director,

Academic Planning
JNTUK Kakinada

23/9/22

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Copy to the PA to the Rector, JNTUK
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Copy to Director Academic Audit, JNTUK
Copy to Director of Evaluation, JNTUK





Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/II Year /B. Tech/B. Pharmacy/2022

Date 20.08.2022

Dr. KVSG Murali Krishna,
M.E, Ph.D.,
Director, Academic Planning
JNTUK, Kakinada

To
All the Principals of Affiliated Colleges,
JNTUK, Kakinada.

Academic Calendar for II Year - B. Tech/B. Pharmacy for the AY 2022-23
(2021-22 Admitted Batch)

I SEMESTER			
Description	From	To	Weeks
Community Service Project	22.08.2022	03.09.2022	2W
I Unit of Instruction	05.09.2022	29.10.2022	8W
I Mid Examinations	24.10.2022	29.10.2022	
II Unit of Instructions	31.10.2022	24.12.2022	8W
II Mid Examinations	19.12.2022	24.12.2022	
Preparation & Practicals	26.12.2022	31.12.2022	1W
End Examinations	02.01.2023	14.01.2023	2W
Commencement of II Semester Class Work	16.01.2023		
II SEMESTER			
I Unit of Instructions	16.01.2023	11.03.2023	8W
I Mid Examinations	06.03.2023	11.03.2023	
II Unit of Instructions	13.03.2023	06.05.2023	8W
II Mid Examinations	01.05.2023	06.05.2023	
Preparation & Practicals	08.05.2023	13.05.2023	1W
End Examinations	15.05.2023	27.05.2023	2W

* As per the APSCHE Guidelines Out of the Total 180 hours of Community Service Project leading to 4 Credits, two weeks will be offline and remaining project work can be done during the II-I semester weekends and holidays.


Principal


20/8/22
Director

Sir C R Reddy College of Engineering

Academic Planning

Copy to ELURU 534 007 the Hon'ble Vice Chancellor, JNTUK Kakinada

Copy to Rector, Registrar, JNTUK

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Copy to Director of Evaluation, JNTUK





Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/III Year /B. Tech/B. Pharmacy/2022

Date 14.07.2022

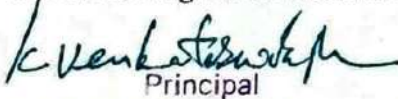
Dr. KVSG Murali Krishna,
M.E. Ph.D.,
Director, Academic Planning
JNTUK, Kakinada

To
All the Principals of Affiliated Colleges,
JNTUK, Kakinada.

**Academic Calendar for III Year - B. Tech/B. Pharmacy for the AY 2022-23
(2020-21 Admitted Batch)**


I SEMESTER			
Description	From	To	Weeks
Community Service Project	15.07.2022	30.07.2022	2W
I Unit of Instruction	01.08.2022	24.09.2022	8W
I Mid Examinations	26.09.2022	01.10.2022	1W
II Unit of Instructions	03.10.2022	26.11.2022	8W
II Mid Examinations	28.11.2022	03.12.2022	1W
Preparation & Practicals	05.12.2022	10.12.2022	1W
End Examinations	12.12.2022	25.12.2022	2W

* As per the APSCHE Guidelines Out of the Total 180 hours of Community Service Project leading to 4 Credits, two weeks will be offline and remaining project work can be done during the III-I semester weekends and holidays.


Principal

Sir C R Reddy College of Engineering
ELURU - 534 007

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Copy to Director of Evaluation, JNTUK


Director, 14.7.22

Academics & Planning, JNTUK
Director
Academic Planning
JNTUK Kakinada





Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/IV Year /B. Tech/B. Pharmacy/2022

Date 25.06.2022

Dr. KVSG Murali Krishna,

M.E. Ph.D.,

Director, Academic Planning
JNTUK, Kakinada

To
All the Principals of Affiliated Colleges,
JNTUK, Kakinada.

Academic Calendar for IV Year - B. Tech/B. Pharmacy for the AY 2022-23

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	04.07.2022		
I Unit of Instruction	04.07.2022	27.08.2022	8W
I Mid Examinations	29.08.2022	03.09.2022	1W
II Unit of Instructions	05.09.2022	29.10.2022	8W
II Mid Examinations	31.10.2022	05.11.2022	1W
Preparation & Practicals	07.11.2022	12.11.2022	1W
End Examinations	14.11.2022	26.11.2022	2W
Commencement of II Semester Class Work	05.12.2022		
II SEMESTER			
I Unit of Instructions	05.12.2022	28.01.2023	8W
I Mid Examinations	30.01.2023	04.01.2023	1W
II Unit of Instructions	06.01.2023	01.04.2023	8W
II Mid Examinations	03.04.2023	08.04.2023	1W
Preparation & Practicals	10.04.2023	15.04.2023	1W
End Examinations	17.04.2023	29.04.2023	2W


Principal


Sir C R Reddy College of Engineering
ELURU - 534 007


Director, 25/6/22

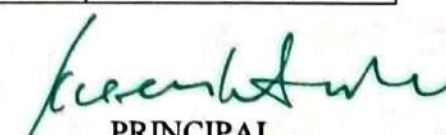
Academics & Planning
Director
Academic Planning
JNTUK Kakinada

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Copy to Director of Evaluation, JNTUK



	SIR C R REDDY COLLEGE OF ENGINEERING ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA (Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada) Telephone No: 08812-230840, 230565, Fax: 08812-224193 Website: www.sircrrengg.ac.in		IQAC
	ACADEMIC CALENDAR 2022 – 2023		
EVENTS / ACTIVITIES	I- SEMESTER	II- SEMESTER	
Registration of Credits/Electives	2706-2022 to 02-07-2022	28-11-2022 to 03-12-2022	
Commencement of classes	04-07-2022	05-12-2022	
Class work – 1 st Phase of Instruction (From... To...)	04-07-2022 To 27-08-2022	05-12-2022 To 28-01-2023	
Class Review Committee Meeting-I/Parent-Teachers Meet	September 2022	February 2023	
Guest Lecture/Seminar/Workshop	September 2022	February 2023	
Assignment - I	16-08-2022	17-01-2023	
MID Examination – I & Quiz - I	From 29-08-2022	From 30-01-2023	
Mid-Semester Feedback	05-09-2022	06-02-2023	
Last date for display of Marks/Answer Scripts	10-09-2022	11-02-2023	
Class work – 2 nd Phase of Instruction (From... To...)	05-09-2022 To 29-10-2022	06-01-2023 To 01-04-2023	
Remedial classes	After 1 st MID	After 1 st MID	
Class Review Committee Meeting-II	September 2022	February 2023	
Guest Lecture/Seminar/Workshop	October 2022	March 2023	
Assignment - II	17-09-2022	20-03-2023	
MID Examination – II & Quiz - II	From 31-10-2022	From 03-04-2023	
Class work last working day	29-10-2022	01-04-2023	
End-Semester Feedback & Course End Survey	29-10-2022	01-04-2023	
Last date for display of Marks/Answer Scripts	12-11-2022	15-04-2023	
Preparation holidays and Semester End Practical Examinations	From 07-11-2022	From 10-04-2022	
Semester End Theory Examinations	14-11-2022	17-04-2022	




 PRINCIPAL
 Principal
 Sir C R Reddy College of Engineering
 ELURU - 534 007

SIR C. R. REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF MECHANICAL ENGINEERING
WORKLOAD DISTRIBUTION
I-SEMESTER; A.Y: 2022-23

S.No	Name of the staff	Designation	Theory - I	Theory- II	Lab-I	Lab-II	Total Hours per Week
1	Dr.J.Sudhir Kumar	PROFESSOR	5	5	6		16
2	Dr. K. Rambabu	PROFESSOR	5		6		11
3	Dr. K.Lalit Narayan	PROFESSOR	5	5	6		16
4	Dr. M. Sri Rama Murthy	PROFESSOR	5		6		11
5	P.S.B.Chowdary	ASSOC.PRO	5		6	6	17
6	D. Satyanarayana	SR.ASST.PRO	5	5	6	6	22
7	Dr. K. Sunil Ratna Kumar	ASSOC.PRO	5	5	3	3	16
8	Dr. T. Rama Krishna	ASSOC.PRO	5	6	3	3	17
9	E. Venkateswara Rao	ASST.PRO	5	5	9	6	25
10	K.V.P.P. Chandu	ASST.PRO	5	5	3	3	16
11	B. V. Subramanayam	ASST.PRO	5	5	6	9	25
12	Ch. L. Poornima	ASST.PRO	4	4	6	6	20
13	A. Srinivasa Rao	ASST.PRO	5	5	6	6	22
14	L.N.V.Narasimha Rao	ASST.PRO	5	5	6		16
15	CH.Chandra Rao	ASST.PRO		5	6	6	17
16	V.Naveen Kumar	ASST.PRO			8	8	16
17	S. Daniel	ASST.PRO	1	1	8	8	18
18	G.PAVANI	ASST.PRO	1	1	8	8	18
19	T.N.V.ASHOK KUMAR	ASST.PRO	1	1	8	8	18
20	SALEEM SHAIK	ASST.PRO	3	3	8	8	22
21	GH.PHANI KUMAR	ASST.PRO	3		8	8	19
22	S.Kushuma Kumari	ASST.PRO			16	8	24


Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



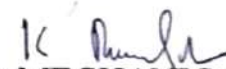

HOD-MECHANICAL
Head of the Department
Mechanical Engineering

SIR C. R. REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF MECHANICAL ENGINEERING
WORKLOAD DISTRIBUTION
I-SEMESTER; A.Y: 2022-23

S.No	Name of the staff	Designation	Theory - I	Theory- II	Lab-I	Lab-II	Project Work	Total Hours per Week
1	Dr. J.Sudhir Kumar	PROFESSOR			6			6
2	Dr. K. Rambabu	PROFESSOR		5	6			11
3	Dr. K.Lalit Narayan	PROFESSOR	4		6		3	13
4	Dr. M. Sri Rama Murthy	PROFESSOR		4			3	7
5	D. Satyanarayana	SR.ASST.PRO						16
6	Dr. K. Sunil Ratna Kumar	ASSOC.PRO					3	20
7	Dr. T. Rama Krishna	ASSOC.PRO	4		6		3	13
8	E. Venkateswara Rao	ASST.PRO	4		6	6		16
9	K.V.P.P. Chandu	ASST.PRO		4	6	6		16
10	B. V. Subramanayam	ASST.PRO	4	4		6		14
11	Ch. L. Poornima	ASST.PRO	5	5	6			16
12	A. Srinivasa Rao	ASST.PRO	5	5	6	6		22
13	L.N.V.Narasimha Rao	ASST.PRO	4	4	6			14
14	CH.Chandra Rao	ASST.PRO	4		6	6		16
15	V.Naveen Kumar	ASST.PRO	4			4		10
16	S. Daniel	ASST.PRO			6			6
17	G.PAVANI	ASST.PRO		8	6	3		17
18	T.N.V.ASHOK KUMAR	ASST.PRO	4	4				8
19	SALEEM SHAIK	ASST.PRO	5					5
20	GH.PHANI KUMAR	ASST.PRO		6	6	3		15
21	S.Kushuma Kumari	ASST.PRO	4	4	6	6		20


Principal
Sir C R Reddy College of Engineering
ELURU - 534 007





HOD-MECHANICAL
Head of the Department
Mechanical Engineering

SIR C. R. REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF CIVIL ENGINEERING
WORKLOAD DISTRIBUTION
 I-SEMESTER; A.Y: 2022-23

S.No	Name of the staff	Designation	Theory Subjects		Practical's		Skill oriented courses	Project Work Phase-I	Total Hours per Week
			Theory - I	Theory - II	Lab-I	Lab-II			
1.	Mr. C. RAMESH DUTT	Assoc.Prof. & HOD	5		6			9	20
2.	Mr. K. SRINIVASA RAO	Assistant Professor	5	5			3	9	21
3.	Mr. M. CHANDRA KANTH	Assistant Professor		5	6			9	20
4.	Mr. N. S. POORNACHANDRA RAO	Assistant Professor	5	5	6			9	25
5.	Mr. A. S. MANIKANTHA	Assistant Professor	5	4		6	2	9	26
6.	Mrs.V.VENKATA SUJITHA	Assistant Professor	4		6	6		9	25
7.	Miss. A. SREEPRIYA	Assistant Professor	4		6	6		9	25
8.	Mr. S. SAI CHARAN	Assistant Professor			6	6	3	9	24
9.	Miss. G. JYOTHI	Assistant Professor	5	5	6	6		0	22
10.	Mr. PRASANNA KUMAR	Assistant Professor	5		6	6		9	26


 Principal
 Sir C R Reddy College of Engineering
 ELURU - 534 007





 HOD-Civil
 Head of the Department
 Civil Engineering
 Sir C.R.R. College of Engineering
 ELURU-534007, W & Dist.

SIR C. R. REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF CIVIL ENGINEERING
WORKLOAD DISTRIBUTION
II-SEMESTER; A.Y: 2022-23

S.No	Name of the staff	Designation	Theory Subjects		Practical's		Skill oriented courses	Project work phase-II	Total Hours per Week
			Theory -I	Theory -II	Lab-I	Lab-II			
1.	Mr. C. RAMESH DUTT	Asso.Prof. & HOD	5		3			9	17
2.	Mr. M. CHANDRA KANTH	Assistant Professor	5		6		3	9	23
3.	Mr. N. S. POORNACHANDRA RAO	Assistant Professor	5	5	3			9	22
4.	Mr. A. S. MANIKANTHA	Assistant Professor	5	5	6			9	25
5.	Mrs.V.VENKATA SUJITHA	Assistant Professor	5	6	6			9	26
6.	Miss. A. SREEPRIYA	Assistant Professor	5		6	3		9	23
7.	Mr. S. SAI CHARAN	Assistant Professor	4	5	6		3	9	27
8.	Miss. G. JYOTHI	Assistant Professor	4	5	3		3	9	24
9.	Mr. PRASANNA KUMAR	Assistant Professor	5	5	6	3		9	28


Principal
Sir C R Reddy College of Engineering
ELURU - 534 007




HOD-Civil
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007, W.G. Dist

SIR C R REDDY COLLEGE OF ENGINEERING # ELURU

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

TIME TABLE (2nd Semester; A.Y :2022-23)

Class : III/IV B.Tech (EEE) B

With effect from :01-02-2023

Room No: 06

DAY	9:00-9:50	9:50-10:40	B	11:00-11:50	11:50-12:40		01:40-2:30	2:30-3:20	3:20-4:10	4:10-5:00
MON	SGP	PSA	B	SGP	EMI	Lunch Break	<---- ML WITH PYTHON ---->			
TUE	PSP	EMI		PSA	MPMC		<---- EMI/MPMC LAB ---->			
WED	MPMC	<---- PSS/EMI LAB ---->					MPMC *	PSP *	Counselling	
THU	PSA	MPMC	Break	PSP	SGP *		<---- MPMC/PSS LAB ---->			
FRI	PSP	SGP		EMI	PSA		PSP *	EMI *	Counselling	
SAT	EMI	PSA		SGP	MPMC					

* Remedial/ Tutorial Hour

Codo	Subject	Name of the Staff	Dept.
1	Microprocessors and Microcontrollers	Sri.H.Sudhakar	EEE
2	Electrical Measurements and Instrumentation	Sri. L. VamsiNarasimha Rao	EEE
3	Power System Analysis	Dr.S.N.V. Bramareswara Rao	EEE
4	Professional Elective II: Switchgear and Protection	Sri N. Rama Narayana	EEE
5	Open Elective II: Principles of Signal Processing	Sri. Sk. Chanbasha	EEE
6	Electrical Measurements and Instrumentation Lab	Sri. J. Ayyappa	EEE
7	Power Systems and Simulation Lab	Dr.S.N.V. Bramareswara Rao	EEE
8	MicroProcessors& Microcontrollers Lab	Sri. L. VamsiNarasimha Rao	EEE
9	SA Course: Machine Learning with Python	Sri. A. Durga Prasad	EEE
10	MC :Research Methodology	Sri. Sk. Chanbasha	EEE
11	Class Teacher	Sri. Sk. Chanbasha	EEE

M/
21/01/2023
HOD,EEE

Head of the Dept.
Electrical and Electronics Engineering
Sir C.R. Reddy College of Engineering
ELURU-534007, AP

Kaankshu
PRINCIPAL
Principal
Sir C.R.R.College of Engineering
ELURU - 534 007

SIR C R R COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF CIVIL ENGINEERING
TIME TABLE (2022-23)

Room: L.H - 30

II/IV B.E (II-SEMESTER) (R20)

W.E.F. 30-01-2023

	1	2	3	4	5	6	7	8
	9.00AM - 10.40AM		11.00AM - 12.40PM		1.40PM - 5.00PM			
Day	9:00-9:50	9:50-10:40	11:00-11:50	11:50-12:40	01:40-2:30	2:30-3:20	3:20 - 4:10	4.10-5.00
MON	SM-II	SM-II	CVSM	MEFA	FM/EE LAB			
TUE	HHM	HHM	MEFA	EE				
WED	EE	CVSM	SM-II	SM-II	SM/EE LAB			
THU	CVSM	EE	HHM	HHM	SOC			
FRI	EE	SM/H&HM LAB			CVSM	HHM	MEFA	
SAT	SM-II	MEFA	EE	CVSM				

(R2022011) Complex Variables and Statistical Methods	SS	(R2022016) Environmental Engineering Lab	VVS,ASP
(R2022012) Strength of Materials -II	MCK	(R2022017) Strength of Material Lab	MCK,BPK
(R2022013) Hydraulics and Hydraulic Machinery	SMK	(R2022018) FM & HM Lab	SMK,SSC
(R2022014) Environmental Engineering	VVS	(R2022019) Skill oriented course*	GJ, SSC
(R2022015) Managerial Economics & Financial Analysis	SSC	Industrial/Research Internship	All staff

Room: L.H - 29

III/IV B.E (II-SEMESTER) (R20)

W.E.F. 09-01-2023

	1	2	3	4	5	6	7	8
	9.00AM - 10.40AM		11.00AM - 12.40PM		1.40PM - 5.00PM			
Day	9:00-9:50	9:50-10:40	11:00-11:50	11:50-12:40	01:40-2:30	2:30-3:20	3:20 - 4:10	4.10-5.00
MON	GTE-II	RSE	WRE	DM	CEP LAB			
TUE	GTE-II	GTE-II	DM	RSE	RS&GS LAB			
WED	WRE	WRE	RSE	DM	ESC LAB			
THU	DDSS	DDSS	GTE-II	GTE-II	SAC LAB			
FRI	DM	RSE	DDSS	DDSS				
SAT	WRE	WRE	DM	DDSS				

(R2032011) D & Drawing of Steel Structures	SSC	(R2032014) Professional Core courses Lab (Estimation, Costing and Contracts Lab)	CRD
(R2032012) Water Resource Engineering	SMK	(R2032015) Professional Core courses Lab (Remote Sensing & GIS Lab)	GJ,ASP
(R2032013) Geotechnical Engineering-2	NPR	(R2032016) Professional Core courses Lab Civil Engineering Practice	NPR,BPK
(R203201C) Road Safety Engineering	GJ	(R2032017) Skill advanced course/ soft skill c	MCK,SSC
(R203201G) Disaster Management	ASP	(R2032018) Employability Skills	SP
		(R2032019) Industrial	All staff


Room: L.H - 28

IV/IV B.E (II-SEMESTER) (R19)

W.E.F. 05-12-2022

	1	2	3	4	5	6	7	8
	9.00AM - 10.40AM		11.00AM - 12.40PM		1.40PM - 5.00PM			
Day	9:00-9:50	9:50-10:40	11:00-11:50	11:50-12:40	01:40-2:30	2:30-3:20	3:20-4:10	4.10-5.00
MON	ESC	ESC	GIT	RSE	Project Work Phase-II			
TUE	Project Work Phase-II							
WED	GIT	RSE	ESC	ESC	Project Work Phase-II			
THU	Project Work Phase-II							
FRI	ESC	ESC	GIT	RSE	Project Work Phase-II			
SAT	RSE	RSE	GIT	GIT				

(R1942011) Estimation Specifications and Contract	CRD	(R1942011) Ground Improvement Technique:	NPR
9R194201D) Road Safety Engineering	GJ	(R1942012) Project Work Phase-II	ALL STAFF


HOD-CIVIL
 Head of the Department
 Civil Engineering
 Sir C.R.R. College of Engineering
 ELURU-534007, W & Dist.


PRINCIPAL
 Principal
 Sir C.R.R. College of Engineering
 ELURU - 534 007

SIR C R REDDY COLLEGE OF ENGINEERING - ELURU
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TIMETABLE for 2/4 B.Tech, CSE I-SEMESTER A.Y.2022-23, REGULATION: R-20

W.e.f: 05-09-2022

SECTION-A

Class Teacher: **Y. ANJANI**

	1	2	3	4	LUNCH	5	6	7	8
DAY	09:00 to 09:50	09:50 to 10:40	11:00 to 11:50	11:50 to 12:40		1:40 to 2:30	02:30 to 03:20	03:20 to 04:10	04:10 to 05:00
MON	OOP-C++	OS	M-3	COI(T)	MFCs	SE			
TUE	SE	M-3	COI	OS (T)	*****OOPS LAB*****				
WED	MFCs	*****OS LAB*****			OOP-C++(T)	SE			
THU	OS	M-3	MFCs (T)	OOP-C++	*****SE LAB*****				
FRI	COI	OS	OOP-C++	MFCs	SE(T)	M-3 (T)			
SAT	*****SOC(NumPy) LAB*****								

Sub	Staff Name
M-III	T. ANUSHA
OOP-C++	J.S.V.GOPALKRISHNA
OS	Y. ANJANI
SE	M. SIVA GANESH
MFCs	DrM.KRISHNA
COI	K. SWATHI

Sub	Staff Name
OOPC++ LAB	JSVGK/DrGN
OS LAB	YA/GSN
SE LAB	MSG/YA
SOC	GSN/PND

SECTION-B

Class Teacher: **K.BUDHA VARA PRASAD**

	1	2	3	4	LUNCH	5	6	7	8
DAY	09:00 to 09:50	09:50 to 10:40	11:00 to 11:50	11:50 to 12:40		1:40 to 2:30	02:30 to 03:20	03:20 to 04:10	04:10 to 05:00
MON	COI	M-3	MFCs	OOP-C++	SE	OS			
TUE	SE	OOP-C++	MFCs	OS (T)	*****OOPS LAB*****				
WED	COI	*****OS LAB*****			M-3 (T)	OS			
THU	MFCs	M-3	SE	OOP-C++ (T)	*****SE LAB*****				
FRI	M-3	MFCs (T)	OS	COI(T)	SE(T)	OOP-C++			
SAT	*****SOC(NumPy) LAB*****								

Sub	Staff Name
M-III	K.MADHAVI
OOP-C++	K.BUDHA VARA PRASAD
OS	DrG.NIRMALA
SE	B. RAMA LAKSHMI
MFCs	Dr. M. KRISHNA
COI	CH. RAMADEVI

Sub	Staff Name
OOPC++ LAB	KBVP/MMR
OS LAB	DrGN/KBVP
SE LAB	BRL/CHSK
SOC	CHRD/BRL

SECTION-C

Class Teacher: **M.S. EKAMBARISH**

	1	2	3	4	LUNCH	5	6	7	8
DAY	09:00 to 09:50	09:50 to 10:40	11:00 to 11:50	11:50 to 12:40		1:40 to 2:30	02:30 to 03:20	03:20 to 04:10	04:10 to 05:00
MON	MFCs	SE	COI	OOP-C++	OS	M-3			
TUE	SE	MFCs	M-3	OS (T)	*****OOPS LAB*****				
WED	OOP-C++	*****OS LAB*****			MFCs	COI (T)			
THU	M-3	OS	SE	OOP-C++ (T)	*****SE LAB*****				
FRI	OS	OOP-C++	M-3 (T)	SE(T)	MFCs (T)	COI			
SAT	*****SOC(NumPy) LAB*****								

Sub	Staff Name
M-III	M. DURGA RATNAM
OOP-C++	V. PRANAV
OS	M.S. EKAMBARISH
SE	CH. SRINIVAS
MFCs	V. SHARIFF
COI	Dr. K.N. MADHAVI LATHA

Sub	Staff Name
OOPC++ LAB	PV/DrKNML
OS LAB	MSE/Dr.BMR
SE LAB	CHSR/TKMK
SOC	SMBC/KSW

TIME TABLE IN-CHARGE

HoD,CSE
 Head of the Department
 Computer Science & Engineering
 Sir C.R.R. College of Engineering
 ELURU - 534 007

PRINCIPAL
 Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007

SIR C. R. REDDY COLLEGE OF ENGINEERING, ELURU-07
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
II/IV B. Tech - I Sem, Sec-A, Time Table A.Y 2022-23

Class Teacher : Mr. V. Veerraju

Date : 20/08/2022
w.e.f: 26/08/2022

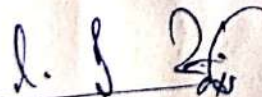
LH-3

Periods	1	2	BREAK	3	4	LUNCH	5	6	7	8
Theory	9.00-09.50	9.50-10.40		11.00-11.50	11.50-12.40		01.40-02.30	02.30-03.20	03.20-04.10	04.10-05.00
MON	STLD	M3		STLD	RVSP		EDC	OOPS / EDC LAB		
TUE	M3	STLD		SS	RVSP		STP		-	
WED	EDC	EDC / STLD LAB					RVSP	STLD	SS	-
THU	RVSP	EDC	M3	SS			PYTHON			
FRI	M3	RVSP	SS	EDC			STLD	M3	EDC	-
SAT	SS	STLD / OOPS LAB								

Examinations in-charge: Mrs. V. Swathi

Attendance in-charge: Mrs. N. Swathi

Code	Subject	Staff
	Electronic Devices and Circuits	Mr. V. Veerraju
	Switching Theory and Logic Design	Mr. M. Narendra Kumar
	Signals and Systems	Mr. V. Surendra Babu
	Mathematics-III	S. Sirisha
	Random Variables & Stochastic Pro.	Mrs. V. Swathi
	OOPS through Java Lab	Dr CHMR / NSW
	EDC Lab	VS / YB
	STLD Lab	MNK / CHJP
	Python Programming	NS / PS


Time Table I/C


Head of Department
Electronics & Communication Engg.
Sir C.R.R.College of Engineering
Eluru - 534 007


PRINCIPAL
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU -534 007

SIR CRREDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF INFORMATION TECHNOLOGY
II/IV B.Tech I.T - I SEMESTER A.Y 2022-2023

TIME TABLE
A – Section

With effect from: 05-09-2022 Class Teachers: Dr.K.Satyanarayana/ P.Ramaiah chowdary LH-45

	1	2	3	4		5	6	7	8
DAY	09:00 To 09:50	09:50 To 10:40	11:00 to 11:50	11:50 To 12:40	L	1:40 to 2:30	02:30 to 03:20	03:20 To 04:10	04:10 To 5:00
MON	M-III	OOPS LAB			U	DM>	COI	OOPS(T)	OS(M)
TUE	OOPS	DM>	OS	DBMS(T)	N	OS LAB			OOPS(M)
WED	DBMS	DM>	OOPS	OS	C	M-III	OS(T)	LIBRARY	DBMS(M)
THU	OS	DBMS	M-III	DM>(T)	H	SOC I-LAB			DM>(M)
FRI	M-III	DBMS	OS	OOPS		DBMS LAB			M-III(M)
SAT	DM>	OOPS	DBMS	M-III(T)		OOPS/OS(R)	DM>(R)	DBMS(R)	M-III(R)

*T – Tutorial
 *R-Remedial
 *M-Makeup

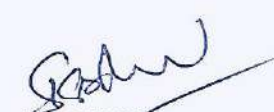
THEORY:

Mathematics-III : Smt. M.Durga Ratnam
 Object oriented Programming through C++ : Smt. K.Vijaya Lakshmi
 Operating Systems : Sri. Y.Siva Koteswara Rao
 Database Management Systems : Sri. P.Ramaiah Chowdary
 Discrete Mathematics and Graph Theory : Dr. K.Satyanarayana

LAB:

Object oriented Programming through C++ Lab : Smt. G.Krishnaveni / Smt. K.Vijaya Lakshmi
 Operating Systems Lab : Sri. Y.Siva Koteswara Rao/ Sri. E.B.K. Manash
 Database Management systems Lab : Sri. P.Ramaiah Chowdary / Sri. Uma Seshagiri Rao
 Skill oriented Course -1 : Dr.K.Satyanarayana /Smt. N. Durga Prasanna
 Constitution of India : Sri. Y.Siva Koteswara Rao


 Dept. Time Table In charge


 HOD,
 Dept. of. I.T


 PRINCIPAL
 SIR C.R.R. COLLEGE OF ENGINEERING
 ELURU -534 007

HEAD OF THE DEPARTMENT
 Information Technology
 Sir C.R.R. College of Engg.
 ELURU-534 007.



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Phone no: 08812 – 230840, 2300656 Fax: 08812 – 224193 Visit us at <http://www.sircrrengg.ac.in>
DEPARTMENT OF MECHANICAL ENGINEERING

LESSON PLAN
Academic Year: 2022-23

Semester: Name of the Program: B.TECH	Year III	Section: A&B
Course Subject: Design of Machine Members-1		
Name of the Faculty: A SRINIVASA RAO	Department: ME	
Designation: Assistant Professor		

S. No.	No. of Hrs.	Topic(s) planned	CO	Teaching Methodology
1.	1.	Introduction; What is design? & classification	CO1	Chalk&Talk
2.	2.	General considerations and general procedure in machine design	CO1	Chalk&Talk
3.	3.	Engg. materials & their properties and applications	CO1	Chalk&Talk
4.	4.	Manufacturing considerations. interchangeability	CO1	Chalk&Talk
5.	5.	Engineering standards, BIS codes.	CO1	PPT
6.	6.	Simple stresses in machine parts – combined stresses	CO1	PPT
7.	7.	Stress strain relation, poissons ratio, Factor of safety	CO1	PPT
8.	8.	thermal stresses	CO1	PPT
9.	9.	Torsion & bending stresses	CO1	Chalk&Talk
10.	10.	Stiffness in tension, bending, torsion & combined situations	CO1	Chalk&Talk
11.	11.	Various theories of failures	CO2	Chalk&Talk
12.	12.	Fracture toughness	CO2	PPT
13.		UNIT-II STRENGTH OF MACHINE ELEMENTS		



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DEPARTMENT OF MECHANICAL ENGINEERING

14.	13.	Stress concentration, Theoretical stress concentration factor	CO2	PPT
15.	14.	Methods of reducing stress concentration	CO2	PPT
16.	15.	Completely reversed or cyclic stresses	CO2	PPT
17.	16.	Fatigue and endurance limit effects by load, surface finish, size	CO2	PPT
18.	17.	Effect of miscellaneous factors on endurance limit	CO2	PPT
19.	18.	Estimation of endurance strength, Goodman's,	CO2	PPT
20.	19	Effect of miscellaneous factors on endurance limit	CO2	Chalk&Talk
21.	20	Soderbergs line, modified Goodman's line	CO2	Chalk&Talk
22.		UNIT-III Riveted, welded joints & bolted joints		
23.	21.	Introduction Types of riveted joints, method of riveting	CO3	PPT
24.	22.	Caulking and fullering	CO3	PPT
25.	23.	failure of riveted joint, strength & efficiency	CO3	PPT
26.	24.	Design of longitudinal butt joint for a boiler	CO3	PPT
27.	25.	Eccentrically loaded riveted joint	CO3	PPT
28.	26.	Design of bolted joints, introduction	CO3	PPT
29.	27.	design of bolts with pre-stresses	CO3	PPT
30.	28.	Stresses due to combined forces	CO3	PPT
31.	29.	Design of cylinder covers	CO3	PPT
32.	30.	Eccentric load acting parallel to the axis of bolts	CO3	PPT



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DEPARTMENT OF MECHANICAL ENGINEERING

33.		UNIT-III KEYS, COTTERS, KNUCKLE JOINTS AND SHAFTS		
34.	32.	Design of keys-Introduction, types of keys	C04	PPT
35.	33.	stresses in keys, strength of key	C04	PPT
36.	34	Cotter joints introduction, types of cotter joints	C04	PPT
37.	35	Design of socket and spigot cotter joint	C04	PPT
38.	36	Design of sleeve and cotter joint Design of gib and cotter joint,	C04	PPT
39.	37.	Design of knuckle joint	C04	Chalk&Talk
40.	38.	Design of shafts: Introduction, types and applications	C04	Chalk&Talk
41.	39.	Stresses in the shafts,	C04	Chalk&Talk
42.	40.	Design of the shafts on the basis of strength	C04	PPT
43.	41.	Design of the shafts on the basis of rigidity	C04	PPT
44.	42.	Shafts subjected to twisting moment only, Shafts subjected to bending moment only	C04	PPT
45.	43.	Shafts subjected to combined twisting and bending moment	C04	Chalk&Talk
46.	44.	Shafts subjected to axial load in addition to combined torsion and bending loads	C04	Chalk&Talk
47.		UNIT-IV SHAFT COUPLINGS		
48.	45	Introduction, types	C05	PPT
49.	46	Design of Sleeve or muff coupling	C05	PPT
50.	47	Design of clamp or compression coupling	C05	PPT
51.	48	Design of flange coupling-un protected type	C05	PPT
52.	49	Design of flange coupling- protected type, marine type	C05	PPT
53.	50	Design of flexible coupling	C05	PPT



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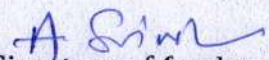
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54.	51	Bushed pin flexible coupling, universal coupling	C05	Chalk&Talk
55.	52	Oldham's coupling	C05	Chalk&Talk
56.	53	UNIT-V MECHANICAL SPRINGS Introduction, types, terminology used in compression springs	C06	Chalk&Talk
57.	54	Stresses in helical springs of circular wire, deflection of helical springs of circular wire	C06	Chalk&Talk
58.	55	Energy stored in helical springs of circular wire, helical springs subjected to fatigue loading	C06	PPT
59.	56	Surge In springs or finding natural frequency	C06	PPT
60.	57	Helical torsion springs, flat spiral spring	C06	PPT
61.	58	Concentric or composite springs	C06	PPT
62.	59	Design of Leaf springs	C06	PPT
63.	60	Equalized stress in spring leaves (nipping)	C06	PPT


Signature of faculty

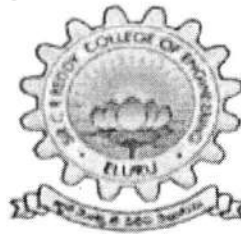
ELECTRICAL DRIVES

Lecture schedule

AY 2022-23

Class Number	Topic	Reference	CO mapping	PO mapping
1	Electric Drive: Definition, Components of electric drive system	TB-1,TB-3	CO1	PO-1,PO-12
2	Components of electric drive system, Advantages and applications of drives	TB-1,TB-3	CO1	PO-1,PO-12
3	factors governing the selection of motors	TB-1,TB-3	CO1	PO-1,PO-12
4	classification of drives	TB-1,TB-3	CO1	PO-1,PO-12
5	Drive characteristics and nature of load conditions,	TB-1,TB-3	CO1	PO-1,PO-12
6	selection of motor for particular drive,	TB-1,TB-3	CO1	PO-1,PO-12
7	Dynamics of motor load combination	TB-1,TB-3	CO1	PO-1,PO-12
8	Multi quadrant operation	TB-1,TB-3	CO1	PO-1,PO-12
9	Nature and classification of load torques	TB-1,TB-3	CO2	PO-1,PO-12
10	Nature, classification and components of load torques.	TB-1,TB-3	CO2	PO-1,PO-12
11	Introduction Speed Control of DC Motor Drives	TB-1, TB-2	CO2	PO1, PO2,PO-5, PO-12
12	Speed Control methods	TB-1, TB-2	CO2	PO1, PO2,PO-5, PO-12
13	Single phase rectifier fed uncontrolled drive	TB-1, TB-2	CO2	PO1, PO2,PO-5, PO-12
14	Single phase rectifier fed uncontrolled drive	TB-1, TB-2	CO2	PO1, PO2,PO-5, PO-12
15	Single phase rectifier fed controlled drives	TB-1,TB-2	CO2	PO1, PO2,PO-5, PO-12
16	Single phase rectifier fed controlled drive	TB-1,TB-2	CO2	PO1, PO2,PO-5, PO-12
17	chopper fed drives	TB-1, TB-2	CO2	PO1, PO2,PO-5, PO-12
18	chopper fed drives	TB-1,TB-2	CO2	PO1, PO2,PO-5, PO-12
19	closed loop control of DC drives	TB-1,TB-2	CO2	PO1, PO2,PO-5, PO-12
20	Phase locked loop control of DC drives	TB-1,TB-2	CO2	PO1, PO2,PO-5, PO-12
21	Introduction Speed Control of AC Motor Drives	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
22	Speed control methods of induction motors	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
23	phase controlled drives;	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
24	frequency controlled drives,	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
25	slip power recovery schemes	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
26	slip power recovery schemes	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
27	voltage ,current and frequency control	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12

Class Number	Topic	Reference	CO mapping	PO mapping
28	Closed loop control.	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
29	Variable frequency control of synchronous motor drives	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
30	Self controlled synchronous motor drives,	TB-1,TB-2	CO3	PO1, PO2,PO-5, PO-12
31	Electric Traction: Definition and features of traction	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
32	Classification of traction systems	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
33	Types and choice of track electrification systems	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
34	Types and choice of track electrification systems	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
35	Review of characteristics and suitability of traction motors	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
36	Review of characteristics and suitability of traction motors	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
37	Transmission of drive and auxiliary equipment,	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
38	Transmission of drive and auxiliary equipment,	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
39	Loco wheel arrangement and riding qualities	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
40	Train lighting system.	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-12
41	Control of Traction Motors Introduction	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
42	Speed time curves and speed distance curves	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
43	Speed time curves and speed distance curves	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
44	Tractive effort	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
45	specific energy consumption,	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
46	mechanics of train movement	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
47	coefficient of adhesion	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
48	control of traction motors and rheostatic control	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
49	series parallel control and drum controllers	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
50	constant current systems and multiple unit control	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
51	Thyristor and feedback controls	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12
52	Magnetic levitation suspension systems.	RB-1,RB-3, RB4	CO4	PO1, PO2,PO-5, PO-9,PO-12



BONAFIDE CERTIFICATE

This is to certify that this project entitled "A Compact Dual-Band 4X4 MIMO with T-shaped slot on Ground for 5G Applications" has been fulfilled by the following students.

DUTTA BHAVYA SRI

19B81A0449

CHINTKRINDA KRISHNA
CHAITANYA

19B81A0435

GANJI BHARGAVI

19B81A0453

CHEDUGUNDI YUVANTH
KUMAR

19B81A0429

ELISALA RATNA TEJA

19B81A0450

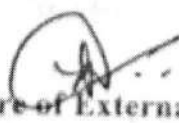
During the academic year 2022-2023 as fulfilment of the academic requirement for the award of Bachelor of Engineering Degree in Electronics and Communication Engineering of JNTUK University


Signature of the Guide

Dr T. VENKATESWARA RAO
M. Tech, Ph.D. (ANU), Ph.D. (JNTUK)


Signature of HOD

Dr T. VENKATESWARA RAO
M. Tech, Ph.D. (ANU), Ph.D. (JNTUK)


Signature of External Examiner

SIR C.R. REDDY COLLEGE OF ENGINEERING, VATLURU, ELURU.
Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada
Accredited with N.B.A
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that project work title “UNDERGROUND CABLE FAULT DETECTION USING ARDUINO” has been successfully completed by the following students

- | | |
|--------------------------|---------------------|
| K. GANGADHAR | -19B81A0242 |
| E. MURALI KRISHNA | -19B81A0224 |
| M.CHANDRA SHEKAR | -19B81A0252 |
| G. JITHENDRA | -19B81A0230 |
| CH. JOSEPH | - 19B81A0218 |

During the academic year 2019-2023 as a partial fulfilment of the academic requirements for the award of bachelor of engineering degree in electrical and electronic engineering of JNTUK University, Kakinada

M. Srinivasa Reddy
Prof.A. SRINIVASA REDDY
 MTech,Ph.D

HEAD OF THE DEPARTMENT

Sri M. Mallikarjunareddy
SRI.M. MALLIKARJUNAREDDY
 ME

PROJECT GUIDE

SIR C.R. REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY



BONAFIDE CERTIFICATE

Certified that this project report "CRR IT LAB MANUALS" is the bonafide work of "Y.Ranendra Kumar(20B85A1208)A. Sai Anusha Reddy(20B85A1201)K.S.S.Shiva Madhav (20B85A1203)T.Srikanth(19B81A12B6)"who carried out the project work under my supervision.

Smt.N.V.S.K Vijaya Lakshmi K , M.Tech

Asst Professor & Project Guide

Department of Information Technology

Sir CRR College of Engineering

Dr. S. Krishna Rao, Ph.D

Professor & HOD

Department of Information Technology

Sir CRR College of Engineering

HEAD OF THE DEPARTMENT

Information Technology

Sir C.R.R. College of Engineering

BLUPK



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(Approved By AICTE – New Delhi, Affiliated To JNTU – Kakinada)

Eluru, W.G.Dist. Andhra Pradesh, Pin-534007. INDIA.

<https://sircrengg.ac.in>, email: principal@sircrengg.ac.in

Ref:

Date:

CERTIFICATE

This is to certify that the project report entitled "A PROJECT REPORT ON 'EMPLOYEE RECRUITMENT' AT 'RRC SOFT PVT LTD'" is a bonafide work carried out by **KAMMA HARSHA KESA VARDHAN** with the registered no **21B81E0018** under the guidance of **Smt. E. KAVITHA**, in partial fulfillment of the requirements for the award of degree of **MASTER OF BUSINESS ADMINISTRATION** by Jawaharlal Nehru Technological University, Kakinada during the academic year **2021-2023**.

SIGNATURE OF THE GUIDE

SIGNATURE OF THE HOD

Head of the Department
Department of MBA
Sir C R Reddy College of Engineering
ELURU - 534 007

SIGNATURE OF THE EXTERNAL EXAMINER

556 m/s



**BRAIN O
VISION**



05-08-2022

TO
A JAYANTHNAIDU
SIR C R REDDY COLLEGE OF ENGINEERING

INTERNSHIP CERTIFICATE

This is to certify that A JAYANTHNAIDU has successfully completed his **TWO MONTHS INTERNSHIP** program with **BrainOvision Solutions Pvt. Ltd.** he was working on **PYTHON** and was actively & diligently involved in the projects and tasks assigned to him. During the span, we found him punctual and hardworking person. His feedback and evolution proved that he is a quick learner. Congratulations and Best Wishes.

ROLE : PYTHON DEVELOPER
START DATE : 01-06-2022
INTERNSHIP ID : BOV22MPD0125
END DATE : 03-08-2022

Yours faithfully

Name: Narayana Swamy N

Designation: Manager

BRAIN O VISION SOLUTIONS (INDIA) PVT LTD



ii - 2nd Sem

Internship Certificate

20B81A0401

W / W ECE-A



WorInWell

INTERNSHIP CERTIFICATE

THIS IS TO CERTIFY THAT

Abburi Devakanth

has successfully completed internship program in **Web Development**
from 01st Oct, 2022 to 15th Nov, 2022. During the internship, the student
was found to be dedicated, hardworking and diligent.

Academic Head



Director Signature

20B81A0465

Certificate Of Completion



APPLY VOLT

www.applyvolt.com

This is to certify that

G. CHINMAYEE NAGA SAI

SIR C R Reddy College of Engineering, Eluru, A.P
for successful completion of Two Months Internship / Training Program

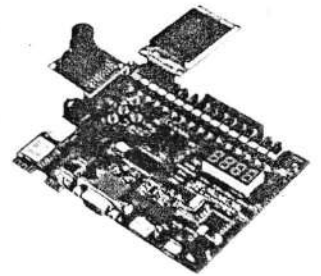
on " DOOR ACCESS CONTROL USING RFID "

1st August 2022 to 30th September 2022



Ramesh Naidu K

Co Founder



2022/10/201 EEE

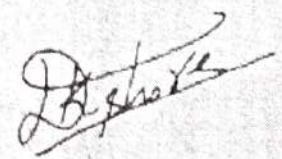
PERSONIFWY

INTERNSHIP CERTIFICATE

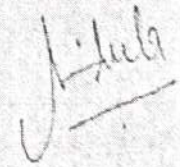
THIS IS TO CERTIFY THAT

Adari Ashok Kumar

has successfully completed internship program in **Artificial Intelligence**
from 15th Aug, 2022 to 15th Oct, 2022. During the internship, the student
was found to be dedicated, hardworking and diligent.



Academic Head



Director Signature

Estd. 1989

SIR C.R. REDDY COLLEGE OF ENGINEERING

ELURU - 534 007, West Godavari Dist., A.P., INDIA

APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,

AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM - 530 003

www.sircrrengg.ac.in



☎ OFF : (08812) 230840, 230565
FAX : (08812) 224193
Email : principal.sircrrengg@gmail.com

Ref. No.

Date :

List of Certificate/ Add-on Programs

Academic Year: 2022-23

S.No	Name of the Program	Duration of Course	No. of Participants
1	A Four Week Program on Societal impacts of deep learning	05-09-2022 to 03-10-2022	214
2	A Four Week Program on Web Development Using Boot Strap	31-10-2022 to 25-11-2022	218
3	A Four Week Program on Web development using react JS	06-02-2023 to 03-03-2023	203
4	A one week program on Autodesk Revit modeling	02-01-2023 to 07-01-2023	60
5	A one week program on Advanced embedded System concepts	09-01-2023 to 14-01-2023	80
6	A Six week Program on WEKA Tool	22-08-2022 to 10-10-2022	138
7	A Six week Program on Data Structures in Python	20-02-2023 to 20-04-2023	139
8	A Three week Program on EV Design Basic	01-08-2022 to 19-08-2022	154
9	A Three week Program on Java Programming Basic	27-02-2023 to 17-03-2023	98
10	A Three week Program on A Hands On Training On Electrical Design	12-09-2022 to 30-09-2022	99

11	A Three week Program on Wind Energy Technology: Wind Turbines Working And Operation	03-05-2023 to 20-05-2023	153
12	A one week program on CNC Machining and Programming Training	29-11-2022 to 5-12-2022	78
13	A one week program on Solid Works Motion Simulation	19-12-2022 to 24-12-2022	77
14	A one week program on Hydraulics & Pneumatics Drive Systems Workshop	23-01-2023 to 30-01-2023	66
15	A Two week program on Plant Simulation	13-02-2023 to 25-02-2023	70
16	A Four Week Program on Banking and Insurance	18-01-2023 to 15-02-2023	14
17	A Four Week Program on Payroll Management	18-01-2023 to 15-02-2023	32
18	A Four Week Program on Digital Marketing	18-01-2023 to 15-02-2023	8

Verlaga
IQAC



[Signature]
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007

2022-23 Mech

13



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA
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DEPARTMENT OF MECHANICAL ENGINEERING

Eluru,
08-12-2022.

To
The Principal,
Sir CR Reddy College of Engineering,
Eluru.S


Respected Sir,

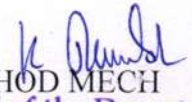
Subject: Permission Request for one-week training program on "Solid Works Motion Simulation"

I am seeking your approval to launch the "Solid Works Motion Simulation" for III/IV B. Tech (MECH) students, starting 19-12-2022. This program aims to equip our students with vital design skills, enhancing their employability in the engineering sector.

Your support for this practical and career-oriented initiative is requested. We look forward to your positive response.

Sincerely,


Principal
Sir C R Reddy College of Engineering
ELURU - 534 007


HOD MECH
Head of the Department
Mechanical Engineering



SIR C R REDDY COLLEGE OF ENGINEERING
ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA
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DEPARTMENT OF MECHANICAL ENGINEERING

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Dt: 12.12.2022

NOTICE

The Department of Mechanical Engineering is excited to offer a one-week value-added course titled "Solid Works Motion Simulation" scheduled from 19th Dec 2022 to 24th Dec 2023. Interested III/IV B.Tech students are encouraged to register with the program coordinator, Dr. K.Lalit Narayan, Professor, Department of MECH.

Venue:

Lecture Hall 19

Time: 09.30AM to 05.00PM


HOD-MECH
Head of the Department
Mechanical Engineering

Circulateto:

SignatureofAllHODs								TPO	OFFICE	IQAC	LIBRARY
CSE	ECE	CIVIL	MECH	FED	EEE	IT	MBA				

One-week Value-Added Course

On

Solid Works Motion Simulation

19th December– 24th December 2022

Organized

by

Department of Mechanical Engineering



Sir C. R. Reddy College of Engineering

Vatluru, Eluru District, AP- 534007

www.sircrrengg.ac.in

Phones: 08812-230840, 2300656

Fax: 08818-224193

Principal"sircrrengg.ac.in

Chief Patron

Sri Alluri Indra Kumar, President,
Sir CRR Educational Institutions
Dr.M B S V Prasad,Secretary,
Sir CRR Educational Institutions
Sri.Jasti Mallikarjunudu,Correspondent,
Sir C.R.Reddy College of Engineering

Patron

Dr.K Venkateswara Rao, Principal
Sir C.R.Reddy College of Engineering

ADVISORY COMMITTEE

Dr.K.Rambabu, HOD & Professor, ME.

Dr. M.Srirama Murthy, Professor, ME.

COORDINATOR'S:

Dr. K Lalit Narayan, Professor in ME

Sri L.N.V.Narasimha Rao, Assistant Professor, ME

MEMBERS:

All III B.Tech Students.

ABOUT COLLEGE

Sir C.R.Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and recognized by All India Council for Technical Education (AICTE). This College is permanently affiliated to JNTUK from the Academic Year 2017-18.

Since its inception in 1989, Sir C.R.Reddy College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and magnanimous management. The last two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE & VALUE BASED EDUCATION' to the student community.

The institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance. The U.G Engineering programmes, EEE, ME, ECE, CE, CSE & IT have been accorded Accreditation status by NBA of AICTE.

ABOUT DEPARTMENT

The Department of Mechanical Engineering has been functioning since the inception of the College in 1989. The present intake is 90 students in First Year with 10% lateral entry in second year. A new P.G.Course M.E. (Machine Design) was introduced by the department during the Academic year 2010 - 2011. The Department has 24 Teaching Faculty members. Out of this 07 are Doctorates. The Department has excellent Laboratory facilities, Work-Shops, Drawing Halls.

The Department has good teaching faculty and well experienced members. The Department has well equipped Laboratories, CAD lab with advanced software, Mechanical vibrations Lab, Stress Analysis Lab and state of the art e-classroom with all necessary accessories.

A Siemens Skill Development Center with a CNC Lathe Machine, CNC Milling machine and with all advanced welding equipment and processes is functioning since 2016.

Another Skill Development center in collaboration with VELJAN HYDRAIR Ltd. & DENISON HYDRAULICS Ltd., Hyderabad is in pipeline with an investment of rupees 1 crore to train the students on advanced Pneumatic and Hydraulic systems.

ABOUT COURSE

SOLIDWORKS Motion, by Dassault Systemes, is one of the most widely used software for Motion Analysis and Simulation. Solidworks Simulation solutions provide an easily usable collection of analysis tools for forecasting a product's physical behavior in real-world by testing CAD models virtually.

Though mechanism simulation you will be able to make sure your designs will work in the way you want them to work before building expensive prototypes. Besides that, motion simulation enables you to explain concepts with ease, determine engineering results and so much more. In this course you will learn everything you need in order to create simulations of mechanisms. You will also learn how to extract all sorts of engineering data and results from your simulations. Besides that, you will be able to create amazing animations.

Objectives of the program:

- Equip students with the skills to use SolidWorks for designing complex parts and assemblies.
- Foster the ability to apply a parametric feature-based approach to problem-solving in engineering design.
- Enhance students' technical competencies to make them industry-ready for careers involving CAD/CAE.
- Encourage innovative thinking by integrating theoretical knowledge with practical database management applications in various industries.
- Offer hands-on experience through practical exercises that reflect real-world scenarios and technical challenges in mechanical engineering.
- Bridge the gap between academic learning and the operational demands of the engineering industry.

Course Contents

- Motion Analysis Types: Animation, Basic Motion, and Motion Analysis
- Automatic Creation of Internal Joints from the SolidWorks Motion Simulator
- Simulation and Results
- Analysis and Synthesis
- Motion Study of the Gripper, Applying Motion to Components, Applying Linear Motion

Eligibility

All III -B.Tech Students

Registration Fee:

Students registering for the value added course are not required to pay any fee

Resource Persons:

Sri SK. Saleem,
Assistant Professor,
Department of Mechanical Engineering,
saleem.mech7@gmail.com
Phone Number: 7730037868.

Program coordinator:

Dr. K.Lalit Narayan,
Professor,
Department of Mechanical Engineering,
klalitnarayan@gmail.com
9490649066.

Venue:

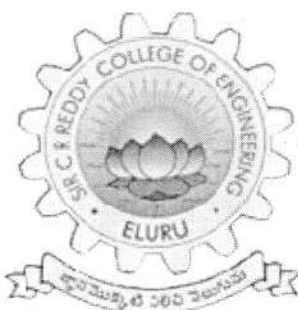
Lecture Hall 19
Time: 09.30AM to 05.00PM

SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

(approved by AICTE & Affiliated to JNTUK, Kakinada, Accredited by NBA)
Vatluru, West Godavari District, Andhra Pradesh – 534007
Mobile: 08812 230840, principal@sircrrengg.ac.in, URL: <http://www.sircrrengg.ac.in>

INVITATION

We are pleased to extend an invitation to all faculty members and students of the final year to the inaugural ceremony of the one week "**Solid Works Motion Simulation**" value-added program.



Academic Year: 2022-2023

Date and Time

19 December 2022 at 9:30 AM

VENUE: LH 19, Department of Mechanical Engineering

Resource person

Sri. SK.Saleem

Assistant Professor, Sir C.R. Reddy College of Engineering

Guest of Honor:

Dr. K. Venkateswara Rao, M.Tech., Ph.D.,

Principal, Sir C.R. Reddy College of Engineering

We look forward to your presence to grace the occasion and kick start this enriching program.



SIR C R REDDY COLLEGE OF ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING

SolidWorks Motion Training Sessions: One-Week Course Schedule 19-12-2022 and 24-12-2022

S.No.	Date	Timings	Topic
1	19-12-2022	09:00 to 11:00	Motion Analysis Types: Animation, Basic Motion, and Motion Analysis
		11:10 to 1:00	Opening Files, SolidWorks Interface with Motion Analysis
		1:50 to 2:50	Fixing and Moving Parts, Identifying Collision Places
		3:00 to 5:00	Automatic Creation of Internal Joints from the SolidWorks Motion Simulator
2	20-12-2022	09:00 to 11:00	Activity Learning Exercise: Four Bar Mechanism. Opening of 4bar.SLDASM Document, Motion Add-ins
		11:10 to 1:00	Switching to SolidWorks Motion, Specifying the Inputs
		1:50 to 2:50	Motion Analysis Types - Simulation and Results
		3:00 to 5:00	Storing and Editing Results Plots, Creating Trace Paths, Recalling the Session
3	21-12-2022	09:00 to 11:00	Project Slider Crank Mechanism
		11:10 to 1:00	Review the Fixed and Moving Parts of the Assembly
		1:50 to 2:50	Results Interpretations: Velocity of the Crank and Acceleration of the Crank
		3:00 to 5:00	Practice
4	22-12-2022	09:00 to 11:00	Motion Simulation for Mechanism Analysis and Synthesis: User Interfaces, MotionManager, MotionManager Tree (Motion Browser), The Shortcut Buttons in Motion Toolbar
		11:10 to 1:00	Defining Motion Entities
		1:50 to 2:50	Assignment of Boundary Conditions: Degrees of Freedom, Forces, Motion Drivers, Motion Simulation
		3:00 to 5:00	Practice



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DEPARTMENT OF MECHANICAL ENGINEERING

5	23-12-2022	09:00 to 11:00	Perform an Analysis on the Gripper Assembly
		11:10 to 1:00	Motion Study of the Gripper, Applying Motion to Components, Applying Linear Motion
		1:50 to 2:50	Applying Forces
		3:00 to 5:00	SolidWorks Motion Conclusion. Test
6	24-12-2022	09:00 to 11:00	Motor controlling techniques , sensor interfacing
		11:10 to 1:00	techniques
		1:50 to 3:50	Closing session feedback and certification

K. Lalit Nazayan
Coordinator

K. Ram Srinivas
HoD, MECH
Head of the Department
Mechanical Engineering

K. Venkatesh
Principal
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007

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IQAC**DEPARTMENT OF MECHANICAL ENGINEERING**

Date: 19/12/2022

**List of Student's registered for the one-week Value-Added Course
titled "Solid Works Motion Simulation"**

S.No	Registered Number	Name of the Student	Signature of Student
1	19B81A0302	ALURU DHEERAJ KUMAR	A. Dheeraj Kumar
2	19B81A0303	AMBATI YUGANDHAR	Yugandhar
3	19B81A0304	ANAGANI VAMSI KRISHNA	A. Vamsi Krishna
4	19B81A0305	ANIMIREDDI VENKATESH	Venkatesh
5	19B81A0308	ASAM PAVAN KUMAR	A. Pavan Kumar
6	19B81A0310	BANDARU SRIKANTH	S. Srikanth
7	19B81A0314	CHALLA RAGHAVENDRA	Ch. Raghavendra
8	19B81A0315	C MANOJ KUMAR	C. Manoj Kumar
9	19B81A0316	CH SYAM KUMAR	Ch. Syam Kumar
10	19B81A0324	G GNANA PRADEEP	G. Gnanapradeep
11	19B81A0325	GOTTAVADA LEELA SAI	G. Leela Sai
12	19B81A0327	JAKKI HEMANTH SAGAR	J. Hemant Sagar
13	19B81A0328	JAKKULA GOWTHAM KUMAR	J. Gowtham Kumar
14	19B81A0331	KAJA SAI CHANDU	K. Sai Chandu
15	19B81A0332	KALAM NAGA BABU	K. Naga Babu
16	19B81A0333	KALLA PAVAN KALYAN	K. Pavan Kalyan
17	19B81A0334	KANCHU VAMSI	K. Vamsi
18	19B81A0336	KASIMALLA SATEESH	K. Sateesh
19	19B81A0338	KAVADI NAVEEN KUMAR	K. Naveen Kumar
20	19B81A0341	KOLAKALURI NANI BABU	K. Nani Babu
21	19B81A0342	K V K S CH S SUBRAMANYAM	K. V. Ch. Subramanyam
22	19B81A0343	KOTTEDY GUNA SHANKAR	G. Shankar
23	19B81A0347	M VENKATA LAKSHMAN TEJA	M. Teja
24	19B81A0353	MUSKUDI PRAVEEN	M. Praveen
25	19B81A0354	N M PRANEETH TADEPALLI	N. M. Praneeth Tadepalli
26	19B81A0355	PALLI JOY VICTOR BABU	P. Joy Victor Babu
27	19B81A0356	P AJAY VENKATA SAI	P. Ajay Venkata Sai
28	19B81A0357	PEDAGOPU KRISHNA SAI	P. Krishna Sai
29	19B81A0358	P SAI CHAITANYA	P. Sai Chaitanya
30	19B81A0359	SAILA SRIRAMULU	S. Sriramulu
31	19B81A0360	SARIKA ADITYA	S. Aditya
32	19B81A0368	VANNEKUTI DHARMA TEJA	V. D. Teja
33	19B81A0369	VARDHANAPU VIJAY	V. Vijay
34	20B85A0302	A CHANDRA SHEKAR	A. Chandrashekar
35	20B85A0303	AYINAPARTHI VAMSI	A. Vamsi
36	20B85A0306	BARRE PAVAN KUMAR	B. Pavan Kumar
37	20B85A0307	BATTULA GOWTHAM	B. Gowtham
38	20B85A0308	BOLLA MADHU SUDHAN RAO	B. Madhu Sudhan Rao
39	20B85A0310	CHALLAGUNDLA DEEPAK	C. Deepak
40	20B85A0311	CH GANESH MANIKANTA	Ch. Ganesh Manikanta
41	20B85A0312	CHERUKURI TEJA	Ch. Teja
42	20B85A0314	CH VISHNU VARDHAN	Ch. Vishnu Vardhan
43	20B85A0315	CH BHANU PRASANTH	Ch. Bhanu Prasanth

**SIR C R REDDY COLLEGE OF ENGINEERING**

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44	20B85A0316	CH CHANDRASEKHAR	Ch. Chandu
45	20B85A0317	DASARI RAJA	D. Raja
46	20B85A0318	GANDI BOYINA GANESH	G. Boyina Ganesh
47	20B85A0319	B G SATYA PAVAN KUMAR	B-G SATYU Pavan Kumar
48	20B85A0320	G VAMSI KRISHNA REDDY	G. Vamsi Krishna Reddy
49	20B85A0321	GOVADA VINAY	G. Vinay
50	20B85A0322	IMANDHI BHANODAYA	I. Bhanodaya
51	20B85A0323	INTI VIJAY SUNDAR PRAKASH	Inti
52	20B85A0324	KANDULA KRANTHI KIRAN	Kandula Kranti Kiran
53	20B85A0325	KARRI.KARUNA SAI	K. Karuna Sai
54	20B85A0327	K BHANU PRAKASH	K. Bhanu Prakash
55	20B85A0328	MOHAMMED USMAN	M. Usman
56	20B85A0329	NAMA RAMA KRISHNA	N. Rama Krishna
57	20B85A0330	NEELAM VASANTH	Neelam Vasanth
58	20B85A0331	PALADUGU NAGA DEEPAK	P. Naga Deepak
59	20B85A0332	PATCHAVA ANIL	P. Anil
60	20B85A0336	S LAKSHMINAGASAI	S. Lakshminaga Sai
61	20B85A0337	SIDDHABATTULA BALU	S. Balu
62	20B85A0338	SURLA.MANIKANTA SWAMY	S. Manikanta Swamy
63	20B85A0339	TADEPALLI NAGENDRABABU	T. Nagendrababu
64	20B85A0340	TALASILA RAVI KIRAN	TALASILA Ravi Kiran
65	20B85A0342	THOTA VARAPRASAD	T. Varaprasad
66	20B85A0343	TUNGA.VENKY	T. Venky
67	20B85A0345	UDAY BHASKAR VELUGULA	U. Bhaskar Velugula
68	20B85A0346	V GANESH KANAKA AMAR	V. Ganesh Kanaka
69	20HK5A0307	P P C V V RAM PRASAD	PPC V V RAM PRASAD
70	20HK5A0309	VEERANKI RAKESH	V. Rakesh

K. Lalitha Narayan
Co-ordinator

HoD-MECH
Head of the Department
Mechanical Engineering

Principal
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007

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42	21B85A0305	B YASWANTH SURYA NAG	P	P	P	P	P	P	P	P	P	P	P	P	P
43	21B85A0306	BUDDHA VENKATA NAGU SAI	P	P	P	P	P	P	P	P	P	P	P	P	P
44	21B85A0307	CHINCHILI PAVAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
45	21B85A0308	DULIPALA MANOJ KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
46	21B85A0309	EDDUM VENU	P	P	P	P	P	P	P	P	P	P	P	P	P
47	21B85A0310	GALAVILI BHAVANI PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P
48	21B85A0311	GALI SAGAR	P	P	P	P	P	P	P	P	P	P	P	P	P
49	21B85A0312	G DURGA SUNIL KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
50	21B85A0313	GUDALA YASWANTH	P	P	P	P	P	P	P	P	P	P	P	P	P
51	21B85A0314	GURUVINDAPALLI AKHIL	P	P	P	P	P	P	P	P	P	P	P	P	P
52	21B85A0315	KANDI SAI LEELA GANESH	P	P	P	P	P	P	P	P	P	P	P	P	P
53	21B85A0316	K RUSHI SAI SADHEER REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P
54	21B85A0317	KATUBOYINA TEJA MURTHY	P	P	P	P	P	P	P	P	P	P	P	P	P
55	21B85A0318	K VAMSI KRISHNA RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P
56	21B85A0319	KOPPU HARISH	P	P	P	P	P	P	P	P	P	P	P	P	P
57	21B85A0320	KUPPALA APPANNA	P	P	P	P	P	P	P	P	P	P	P	P	P
58	21B85A0321	L PREM KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
59	21B85A0322	LANKALAPALLI PRANEETH	P	P	P	P	P	P	P	P	P	P	P	P	P
60	21B85A0323	MARRAPU NIVEK	P	P	P	P	P	P	P	P	P	P	P	P	P
61	21B85A0324	MEKA JAYA SAI BHARATH	P	P	P	P	P	P	P	P	P	P	P	P	P
62	21B85A0325	NUKAPOGU RAGHU VARAN	P	P	P	P	P	P	P	P	P	P	P	P	P
63	21B85A0328	PENUMALA SANDEEP	P	P	P	P	P	P	P	P	P	P	P	P	P
64	21B85A0329	PONDALA TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P
65	21B85A0330	RACHURI JEEVARATNAM	P	P	P	P	P	P	P	P	P	P	P	P	P
66	21B85A0331	SAMMANGI SATISH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
67	21B85A0333	SANKULA VIJAY LAKSHMI	P	P	P	P	P	P	P	P	P	P	P	P	P
68	21B85A0334	SHAIK MIRZA THAHIR	P	P	P	P	P	P	P	P	P	P	P	P	P
69	21B85A0335	SHAIK RAHIM BASHA	P	P	P	P	P	P	P	P	P	P	P	P	P
70	21B85A0336	SHAIK SUBHANI	P	P	P	P	P	P	P	P	P	P	P	P	P
71	21B85A0337	S VENKATA RAMANA	P	P	P	P	P	P	P	P	P	P	P	P	P
72	21B85A0338	SUVVA PHANI SAI	P	P	P	P	P	P	P	P	P	P	P	P	P
73	21B85A0339	T SATYA SAI SRI CHAITANYA	P	P	P	P	P	P	P	P	P	P	P	P	P
74	21B85A0340	TARA RAVI	P	P	P	P	P	P	P	P	P	P	P	P	P
75	21B85A0341	THOTA KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P
76	21B85A0342	UPPALAPATI MAHENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P
77	21B85A0344	Y ESWAR DURGA PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P

K. Lalit Nazayan
Co-ordinator

K. Anandulu
HoD-MECH
Head of the Department
Mechanical Engineering

K. Anandulu
Principal
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

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Telephone No: 08812-230840, 230565, Fax: 08812-224193, Website: www.sircrrengg.ac.in

IQAC

DEPARTMENT OF MECHANICAL ENGINEERING

Summary Report on one-week Value Added Course “Solid Works Motion Simulation”

Title of the course: “Solid Works Motion Simulation”

Duration: 19.12.2022 to 19.12.2022

Resource Persons:

Mr. SK. Sallem

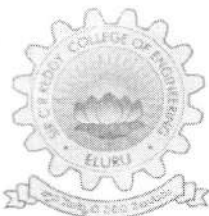
Assistant Professor, Dept. Of MECH

About the Course

The certificate course on SolidWorks was successfully concluded by the Department of Mechanical Engineering (ME) at SIR C R REDDY COLLEGE OF ENGINEERING, Eluru, Andhra Pradesh. This course provided a platform for students to come together, share innovative ideas, and discuss various aspects of next-generation information technologies. The department has taken a significant step to enhance the quality of study through this course, making it a comprehensive and notable event in the ME community. The course took place in two locations within the department: (a) the Department E-learning room and (b) the Department classroom.

SolidWorks is a solid modeling computer-aided design (CAD) and computer-aided engineering (CAE) software that primarily operates on Microsoft Windows. Although it is possible to run SolidWorks on MacOS, this is not officially supported by SolidWorks. SolidWorks is published by DassaultSystèmes and is a solid modeler that uses a parametric feature-based approach, initially developed by PTC (Creo/Pro-Engineer), to create models and assemblies. The software is based on the Parasolid-kernel.

The course was entirely practice-oriented, assisting students in forging a career path through database management in various industries. Second-year students in their second semester found the course particularly beneficial. More than 75 students, motivated by their own interest, enrolled and completed the course. The instructor effectively taught the students using real-time examples and shared his knowledge to help develop their technical skills for the industry.



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OBJECTIVES OF THE COURSE

The objective of the SolidWorks course was to provide students with a practical and in-depth understanding of solid modeling, computer-aided design (CAD), and computer-aided engineering (CAE) using the SolidWorks software. The course aimed to:

- Equip students with the skills to use SolidWorks for designing complex parts and assemblies.
- Foster the ability to apply a parametric feature-based approach to problem-solving in engineering design.
- Enhance students' technical competencies to make them industry-ready for careers involving CAD/CAE.
- Encourage innovative thinking by integrating theoretical knowledge with practical database management applications in various industries.
- Offer hands-on experience through practical exercises that reflect real-world scenarios and technical challenges in mechanical engineering.
- Bridge the gap between academic learning and the operational demands of the engineering industry.

SCOPE OF THE COURSE

The scope of the SolidWorks course encompasses equipping students with comprehensive CAD/CAE skills specific to mechanical engineering design and analysis. It aims to cultivate proficiency in SolidWorks for creating detailed models and assemblies, preparing students for technological roles in manufacturing, design, and engineering sectors. The curriculum is designed to provide practical experience, promoting students' ability to contribute to innovation and efficiency in industry projects. Graduates of this course can expect to enter the workforce with a competitive edge in product development, prototype testing, and database management, meeting the demands of a rapidly advancing engineering landscape.



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DEPARTMENT OF MECHANICAL ENGINEERING

BENEFITS OF THE COURSE

- **Mastery of SolidWorks:** Students gain hands-on experience and expertise in SolidWorks, a leading CAD/CAE tool in the industry.
- **Enhanced Employment Prospects:** Proficiency in a widely-used software like SolidWorks increases students' employability in various engineering sectors.
- **Practical Skill Development:** The course offers a practical, application-based learning approach, which helps in building real-world problem-solving skills.
- **Industry-Relevant Knowledge:** The curriculum is designed to align with current industry standards and practices, keeping students up-to-date with the latest technological advancements.
- **Innovation and Design Skills:** Students learn to develop and simulate complex designs, which can foster innovation and creativity in engineering solutions.
- **Interdisciplinary Applications:** Knowledge of SolidWorks has applications across various engineering disciplines, broadening the scope of opportunities for students.
- **Technical Proficiency:** The course enhances students' technical skills, making them proficient in design, analysis, and modification of engineering projects.
- **Project Management:** Students gain insights into project management through the planning and execution of design projects within the software, equipping them with essential management skills.

Summary of Participants

- Number of students attended this course: 77

K. Lalit Nazayan
Co-ordinator

K. Ramesh Babu
HoD, MECH
Head of the Department
Mechanical Engineering

J. Venkatesh Babu
Principal
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

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Dt: 28-12-2022

Department of Mechanical Engineering

Summary of Feedback from of one-week training program on “Solid Works Motion Simulation”

The department of mechanical engineering organized a one-week value-added course titled as “Solid Works Motion Simulation”. Feedback was collected from 77 third-year students regarding various aspects such as the technical content, program infrastructure, and other relevant factors. This will be included in the report.

Summary of Feedback

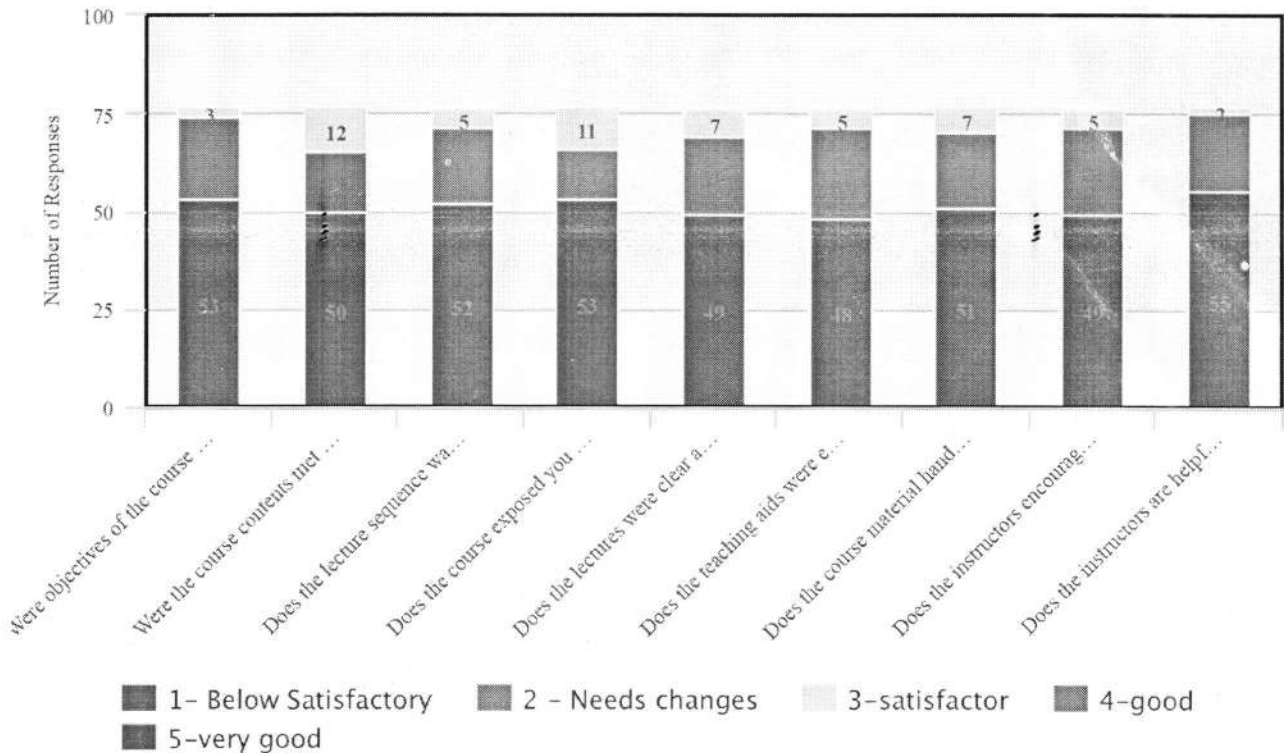
Student feedback on the value added course

S.No	Question	5	4	3	2	1
1	Were objectives of the course clear to you?	53	21	3	0	0
2	Were the course contents met with your expectations?	50	15	12	0	0
3	Does the lecture sequence was well planned?	52	19	5	1	0
4	Does the course exposed you to new knowledge and practices	53	13	11	0	0
5	Does the lectures were clear and easy to understand?	49	20	7	1	0
6	Does the teaching aids were effectively used?	48	23	5	1	0
7	Does the course material hand out was adequate?	51	19	7	0	0
8	Does the instructors encouraged interaction ?	49	22	5	1	0
9	Does the instructors are helpful in clarifying your doubts?	55	20	2	0	0

{5-very good; 4-good ;3-satisfactory; 2-Needs changes; 1 — Below Satisfactory}

Feedback results:

Feedback on Value Added Course



meta-chart.com

Feedback analysis

Key Findings:

Course Objectives Clarity: A significant majority of the students (53) felt that the objectives of the course were clear to them, rating it as very good. This indicates a strong alignment between the course's aims and students' understanding of those goals.

Meeting Expectations: The majority of respondents (50) reported that the course contents met their expectations, with a smaller group rating it as good (15). This suggests that the course was well-received in terms of its relevance and coverage.

Lecture Sequencing: The sequence of lectures was considered well planned by a large portion of the students (52), indicating effective curriculum design and organization.

Exposure to New Knowledge: The course was highly effective in exposing students to new knowledge and practices, as evidenced by 53 students rating this aspect as very good. This is a critical measure of the course's value addition.

Clarity of Lectures: Most students found the lectures to be clear and easy to understand, with 49 students rating them as very good. This reflects positively on the instructors' delivery methods.

Use of Teaching Aids: The majority of students felt that teaching aids were effectively used (48 rated as very good), though there is a slight indication towards room for improvement based on the mixed ratings received.

Course Material Adequacy: The adequacy of course material was well-regarded, with 51 students finding it to be very good, suggesting that the resources provided were sufficient and relevant.

Instructor Interaction: A large majority of students appreciated the level of interaction encouraged by the instructors (49 rated as very good), highlighting the program's supportive learning environment.

Instructor Support in Clarification: The instructors were perceived as helpful in clarifying doubts, with 55 students rating this support as very good, which is pivotal for effective learning.

Recommendations: Enhance Interaction and Clarification Opportunities: Despite high ratings, continuously seeking ways to increase student-instructor interaction and clarify doubts can further improve learning outcomes.

Review and Improve Teaching Aids: A small proportion of students indicated a need for improvements in the use of teaching aids. Exploring innovative tools and techniques could enhance learning engagement.

Maintain and Build on Strengths: The course's strengths in clarity, sequencing, and exposure to new knowledge should be maintained and built upon in future iterations of the program.

Conclusion: The feedback indicates a highly positive reception of the value-added course among final-year students, with particularly strong outcomes in areas such as course objective clarity, exposure to new knowledge, and instructor support. Moving forward, there's a small margin for enhancement in the use of teaching aids and further fostering of student-instructor interaction. Overall, the program appears to be a significant success, contributing valuable knowledge and skills to the participating students.

K. Lalit Nazayan
Programme Coordinator

H. S. S. S.
HOD-MECH
Head of the Department
Mechanical Engineering



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 24/12/2022

COURSE FEEDBACK FORM

Name of the Student: Mohmmed Anas

Registered Number: 20B81A0353

Course Name: Solid works Motion Simulation

Course Code: —

Academic Year: 2022 - 2023

Year and Semester: III

(please give score 1 to 5 in terms of quality course)

{5-very good ; 4-good ; 3-satisfactory ; 2-Needs changes ; 1 — Below Satisfactory}

S.No	Question	5	4	3	2	1
1	Were objectives of the course clear to you?	✓				
2	Were the course contents met with your expectations?	✓				
3	Does the lecture sequence was well planned?		✓			
4	Does the course exposed you to new knowledge and practices	✓				
5	Does the lectures were clear and easy to understand?	✓				
6	Does the teaching aids were effectively used?			✓		
7	Does the course material handed out was adequate	✓				
8	Does the instructor encouraged interaction?	✓				
9	Does the instructors are helpful in clarifying your doubts?	✓				

Comments.....

.....

M. Anas
Signature of the student



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 24/12/22

COURSE FEEDBACK FORM

Name of the Student: KOLLI SIVA PRASAD

Registered Number: 20881A0330

Course Name: SOLID WORKS MOTION SIMULATION

Course Code: —

Academic Year: 2022 - 2023

Year and Semester: 3

(please give score 1 to 5 in terms of quality course)

{5-very good ; 4-good ; 3-satisfactory ; 2-Needs changes ; 1 — Below Satisfactory}

S.No	Question	5	4	3	2	1
1	Were objectives of the course clear to you?		✓			
2	Were the course contents met with your expectations?	✓				
3	Does the lecture sequence was well planned?			✓		
4	Does the course exposed you to new knowledge and practices	✓				
5	Does the lectures were clear and easy to understand?	✓				
6	Does the teaching aids were effectively used?	✓				
7	Does the course material handed out was adequate	✓				
8	Does the instructor encouraged interaction?	✓				
9	Does the instructors are helpful in clarifying your doubts?	✓				

Comments.....

.....

M. SIVA PRASAD
Signature of the student



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IQAC

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 24/12/22

COURSE FEEDBACK FORM

Name of the Student: Abbati Chandu

Registered Number: 20B81A0305

Course Name: Solid works motion simulation

Course Code: -

Academic Year: 2022-2023

Year and Semester: III

(please give score I to 5 in terms of quality course)

{5-very good ; 4-good ; 3-satisfactory ; 2-Needs changes ; 1 — Below Satisfactory}

S.No	Question	5	4	3	2	1
1	Were objectives of the course clear to you?	✓				
2	Were the course contents met with your expectations?	✓				
3	Does the lecture sequence was well planned?		✓			
4	Does the course exposed you to new knowledge and practices	✓				
5	Does the lectures were clear and easy to understand?	✓				
6	Does the teaching aids were effectively used?			✓		
7	Does the course material handed out was adequate	✓				
8	Does the instructor encouraged interaction?	✓				
9	Does the instructors are helpful in clarifying your doubts?	✓				

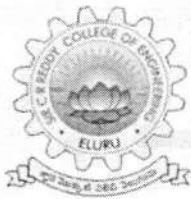
Comments.....

.....

A. Chandu
Signature of the student

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Vatluru, West Godavari District, Andhra Pradesh - 534007



CERTIFICATE

OF PARTICIPATION

This certificate is presented to

KOLLI SIVA PRASAD



This certificate acknowledges the successful completion of the one week value add on Course on "Solid Works Motion Simulation" program by the student assigned the Roll Number 20B81A0330, from third year. The Department of Mechanical Engineering facilitated this esteemed training at the Mechanical Computer Centre, spanning from December 19, 2022 to December 24, 2022.

K. Lalit Narayan

Dr.K.Lalit Narayan
Program Coordinator

K. Venkateswara Rao
Dr. K.Venkateswara Rao
Principal

K. Rambabu

Dr. K.Rambabu
Head of the Department

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Vatluru, West Godavari District, Andhra Pradesh - 534007



CERTIFICATE

OF PARTICIPATION

This certificate is presented to

MARADANA CHAKRADHAR

This certificate acknowledges the successful completion of the one week value add on Course on "Solid Works Motion Simulation" program by the student assigned the Roll Number 20B81A0346, from third year. The Department of Mechanical Engineering facilitated this esteemed training at the Mechanical Computer Centre, spanning from December 19, 2022 to December 24, 2022.

K. Lalit Narayan
Dr. K. Lalit Narayan
Program Coordinator

K. Venkateswara Rao
Dr. K. Venkateswara Rao
Principal

K. Rambabu
Dr. K. Rambabu
Head of the Department



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
EXAMINATION SECTION

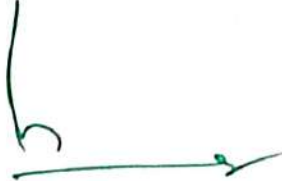
IV/IV B.TECH (R19), SEMESTER-II, A.Y.2022-23
TIME TABLE FOR MID-II EXAMINATION

DATE: 28-03-2023

DATE & TIME	IV/IV B.TECH (CSE)		
	SUBJECT NAME & CODE	NAME OF THE FACULTY	SECTION
01-04-2023 9:10am to 10:40am	Management & Organizational Behavior R1942051	Ch Madhavi Latha	A
		V Raghav Sai Krishna	B
		Sk Jahirunnisa Begum	C
11-04-2023 9:10am to 10:40am	Entrepreneurship R194203R	E Venkateswara Rao	A
		K V P P Chandu	B
		Dr. M Sri Rama Murthy	C
12-04-2023 9:10am to 10:40am	Big Data Analytics R194205E	Ch Ramadevi	A
		R S K Chaitanya	B
		M Madhava Rao	C

All the Course Coordinators must submit the MID - II examination question paper along with the Answer key to crreseexamcell@gmail.com on or before 31-03-2023.


EXAMINATION IN-CHARGE


HOD, CSE
Head of the Department
Computer Science & Engineering
Sir C.R.R. College of Engineering
ELURU - 534 997

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
EXAMINATION SECTION

IV/IV B.TECH (R19), SEMESTER-II, A.Y.2022-23
TIME TABLE FOR MID-II EXAMINATION


DATE: 28-03-2023

DATE & TIME	IV/IV B.TECH (CSE)
	SUBJECT NAME & CODE
07-04-2023 9:10am to 10:40am	Management & Organizational Behavior R1942051
11-04-2023 9:10am to 10:40am	Entrepreneurship R194203R
12-04-2023 9:10am to 10:40am	Big Data Analytics R194205E

CODE OF CONDUCT FOR STUDENTS

1. All the students should follow proper dress code without any deviation. If any discrepancy is there you have to get prior permission from your mentor.
2. Electronic gadgets (such as mobiles, smart watches...etc) are not allowed.
3. Every student must be present in the examination hall 10 minutes before commencement of examination.
4. If any student commits any kind of malpractice and caught by the invigilator severe action will be taken against that student.

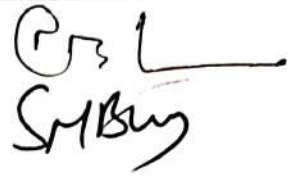

EXAMINATION IN-CHARGE


HOD, CSE
Head of the Department
Computer Science & Engineering
S.R.R. College of Engineering
ELURU - 534 007

SIR C R REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2022-23, II - SEMESTER
IV/IV B.TECH, MID - II EXAMINATION
ABSENTEE STATEMENT

DATE: 04/04/2023

TIME: 09:10 - 10:40AM

EXAM HALL : ROOM NO - 37		FACULTY SIGNATURE
IV YEAR	19B81A0539-①	
EXAM HALL : ROOM NO - 38		FACULTY SIGNATURE
IV YEAR	19B81A0581 → ①	1. Ch. 8/4/23 2. P. Chaitanya
EXAM HALL : ROOM NO - 39		FACULTY SIGNATURE
IV YEAR	19B81A0595 A1, A9 - ②	15. 4/4/23 Ch. Suresh
EXAM HALL : ROOM NO - SEMINAR HALL I		FACULTY SIGNATURE
IV YEAR	19B81A05D8 ①	4/4/23 K. Rupa
EXAM HALL : ROOM NO - SEMINAR HALL II		FACULTY SIGNATURE
IV YEAR	19B81A05I3 19H81A05II ②	4/4/23 M. Suresh


EXAMINATION SECTION INCHARGE



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

IV/IV B.TECH(R19), II- SEMESTER , A.Y. 2022-23

II MID EXAMINATION

Subject: MANAGEMENT & ORGANISATION BEHAVIOR [R1942051]

SECTION A, B & C

Duration: 90 minutes

Date: 08/04/2023

Marks: 30

Note	ANSWER ALL QUESTIONS			
S. No	QUESTIONS	Marks	CO	Level
1.	A. Explain the SWOT analysis.	5	CO3	L2
	B. Describe the Balanced score card.	5	CO3	L2
2.	A. What is Motivation? Explain Maslow's Hierarchy of needs.	5	CO4	L2
	B. Explain Attitude Process.	5	CO4	L2
3.	A. Elaborate types of Group Dynamics.	5	CO5	L2
	B. What is Organizational Conflicts? Explain Consequences of Conflicts.	5	CO5	L2

CO. NO.	COURSE OUTCOMES
CO1	Obtain knowledge and management function global leadership and organizational structure.
CO2	Understand the concept of functional management is HR and Marketing and Management.
CO3	To provide the basic awareness into management practices and strategic Management.
CO4	To develop positive attitude through personality development and motivational theories.
CO5	Ability to understand about the group performance and grievance handling and out of the organization culture.

BLOOMS TAXONOMY LEVEL					
L1	L2	L3	L4	L5	L6
Remember	Understand	Apply	Analyze	Evaluate	Create

SIR C.R.R.COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF MECHANICAL ENGINEERING

Invigilation duties for Second internal examinations(JNTU Descriptive & online) of II/IV B.E. -I SEM(MECH).

Date: 15-12-2022

Date	Subject	Time		LH- 16(Descriptive) & CSE lab1&2(online)	LH- 17(Descriptive) & CSE lab 1 & 2 online)	LH- 18(Descriptive) & CSE lab3&4(online)	LH- 19(Descriptive) & CSE lab3&4(online)
		Descriptive	Online				
19-12-2022	M-III	02:30 PM. To 04:10 PM	01:30 PM to 02:00 PM.	KVPPC <i>[Signature]</i>	S DSN <i>[Signature]</i>	ASR <i>[Signature]</i>	CHPK <i>[Signature]</i>
20-12-2022	MOS	02:30 PM. To 04:10 PM	01:30 PM to 02:00 PM.	S SDEB <i>[Signature]</i>	SKS <i>[Signature]</i>	CHLP <i>[Signature]</i>	EVR <i>[Signature]</i>
21-12-2022	PT	02:30 PM. To 04:10 PM	01:30 PM to 02:00 PM.	DSN <i>[Signature]</i>	CHCR	KVPPC <i>[Signature]</i>	VNR <i>[Signature]</i>
22-12-2022	FM&HM	02:30 PM. To 04:10 PM	01:30 PM to 02:00 PM.	ASR <i>[Signature]</i>	CHPK <i>[Signature]</i>	SKK <i>[Signature]</i>	CHLP <i>[Signature]</i>
23-12-2022	KOM	02:30 PM. To 04:10 PM	01:30 PM to 02:00 PM.	LVNR <i>[Signature]</i>	TNVAK T. Babak	BVS <i>[Signature]</i>	EVR <i>[Signature]</i>

1. All the invigilators are requested to report the examinations section 10 minutes prior to the commencement of examination.
2. Those who want to go on leave; they must adjust their invigilation duties.

[Signature]
In-charge
Examination section

[Signature]
H.O.D.Mech.Engg.
Head of the Department
Mechanical Engineering



SIR C.R.REDDY COLLEGE OF ENGINEERING
Eluru-534007, West Godavari Dist., A.P., INDIA
(Approved by AICTE, New Delhi & Permanently affiliated to Andhra University)
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DEPARTMENT OF MECHANICAL ENGINEERING

SECOND FIRST INTERNAL EXAMINATION: 2022-23

Class: II/IV B.Tech, 2nd Sem (MECH A & B),

Marks: 30M

Subject: KOM (R2021034)

Date 23-12-2022

Time: 2.30 P.M. – 4.10 A.M

Answer ALL the questions

S.NO	Questions	Marks	CO	BL
1	Derive the condition for transmitting the maximum power in a flat belt drive	4	3	2
	A flat belt transmits 15 kW power from a pulley of 80 cm diameter which runs at 300 r.p.m. The angle of embrace of belt and pulley is 15° degrees and coefficient of friction between belt and pulley is 0.25. The thickness of the belt is 8 mm and has a density of 1 g/cm ³ . Determine the minimum width of the belt for a maximum stress of 180 N/cm ² .	6	3	3
2	What is a cam? What type of motion can be transmitted with a cam and follower combination?	3	3	1
	Draw the profile of a cam to give the following motion to a flat – faced follower: i) Follower to rise through 36 mm during 120° of cam rotation with uniform velocity ii) Follower to dwell for 50° of cam rotation iii) Follower to return to its initial position during 90° of cam rotation with SHM iv) Follower to dwell for the remaining period of cam rotation The minimum radius of cam is 50 mm. Also find the minimum width of the Follower from the cam profile diagram.	7	3	3
3	Explain with a neat sketch the “Differential Gear Box”	4	4	1
	In a reverted epicyclic gear train, the arm A carries two gears B and C, and a compound gear D – E. The gear B meshes with gear E, and the gear C meshes with gear D. The number of teeth on gears B, C, and D are 75, 30, and 90 respectively. Find the speed and direction of gear C when the gear B is fixed and the arm A makes 100 rpm clockwise.	6	4	3

SIR C.R.R.COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF MECHANICAL ENGINEERING

Invigilation duties for First internal examinations(JNTU Descriptive & online) of H/IV B.E. -I SEM(MECH)(2023-2024)

Date:22-09-2023

Date	Subject	Time		LI-18(Descriptive) & CSE lab1&2(online)	LI-19(Descriptive) & CSE lab1&2(online)
		Descriptive	Online		
25-09-2023	M-III	01:40 PM. To 03:10 PM	03:30 PM to 04:00 PM.	CHLP ^{-Plang}	CHPK ^{Gtn}
26-09-2023	MOS	01:40 PM. To 03:10 PM	03:30 PM to 04:00 PM.	CHLP ^{Plang}	ASR ^R
27-09-2023	PT	01:40 PM. To 03:10 PM	03:30 PM to 04:00 PM.	KVPPG ^{OP}	CHCR ^{OP}
29-09-2023	FM&HM	02:30 PM. To 04:10 PM	01:30 PM to 02:00 PM.	G.P. ^{GP}	ASR ^R
30-09-2023	KOM	09:10 PM. To 010:50 PM	01:30 PM to 02:00 PM.	KVPPG ^{OP}	CHPK ^{CHM}

1. All the invigilators are requested to report the examinations section 10 minutes prior to the commencement of examination.
2. Those who want to go on leave; they must adjust their invigilation duties.

TRV
 In-charge
 Examination section

CC

K. Ramu Sol
 H.O.D.Mech.Engg.
Head of the Department
Mechanical Engineering

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF MECHANICAL ENGINEERING
 Academic Year 2022-23

MID-2

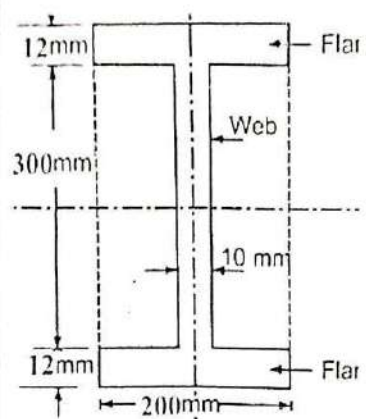
Class: II/IV B.Tech 1st Semester
 Subject: Mechanics of solids

Section: A&B

Max.Marks: 30

Date: 26-09-2023

Answer the Following Questions

S N O	QUESTION	MARKS	CO	BL
1	a An I section of the beams is show in figure. Draw the shear stress distribution along the depth in the beam for the shear force 50KN 	6M	CO3	2
2	a A cantilever of 2m length carries a uniformly varying load of 20KN/m at the free end to 70KN/m at the fixed end. Take $E=1 \times 10^5 \text{Mpa}$ and $I=10^8 \text{mm}^4$ find the deflection at free end. b A hollow shaft, having an inside diameter 60% of its outer diameter is to replace a solid shaft transmitting the same power at the same power at the same speed. Calculate the percentage saving in material, if the material to be used is also the same?	6M	CO4	4
3	a A compound cylinder is formed by shrinkage one cylinder to another. The internal and external radii of the compound by cylinder are 15cm and 24 cm respectively. The junction radius is 21cm.if after shrinkage on radial pressure at common surface is 5N/mm^2 . If the compound cylinder is subject to an internal pressure of 80N/mm^2 .calculate the net stress along the radius. b A column of timber section 15cmX20cm is 6 meters long both ends being fixed. Take $E=17.5 \text{KN/mm}^2$. Determine the crippling load	6M	CO5	4

CO. No	Course Outcomes
CO1	Solve problems on simple stresses and strains including thermal concept and relationship of Elastic constants.
CO2	Analyse shear force and bending moment diagram for beams with different loading conditions.
CO3	Calculate bending and shear stresses in beams of different cross sections.
CO4	Calculate slope and deflections in beams using Macaulay's and moment area methods and Analyse members subjected to torsion
CO5	Design thin, thick cylindrical vessels and spherical vessels and solve columns and struts.

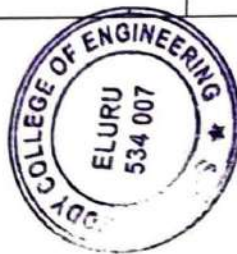


JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA
IV B.TECH - I SEMESTER (R19) REGULAR EXAMINATIONS, NOVEMBER - 2022

TIME TABLE

TIME : 10.00 AM TO 01.00 PM

Branch	14-11-2022 (Monday)	16-11-2022 (Wednesday)	18-11-2022 (Friday)	21-11-2022 (Monday)	23-11-2022 (Wednesday)	25-11-2022 (Friday)
Civil Engineering (01)	Design & Drawing of Steel Structures (R1941011)	Geotechnical Engineering - II (R1941012)	Remote Sensing & GIS (R1941013)	Elective-III : Bridge Engineering (R194101A)/ Industrial Waste Water Treatment (R194101B)/ Earth Rock-fill Dams (R194101C)/ Intelligent Transportation Systems (R194101D)/ Building Services (R194101E)	Open Elective-III : Disaster Management (R194101F)/ Environmental Pollution & Control (R194101G)/ Elements of Civil Engineering (R194101H)/ Green Technology (R194101I)/ Smart Cities (R194101J)/ Project Management (R194101K)/ Traffic Safety (R194101L)/ Geo-Spatial Technologies (R194101M)/ Waste Water Treatment (R194101N)
Electrical & Electronics Engineering (02)	Switchgear & Protection (R1941021)	OOPs through JAVA (R1941022)	Renewable Energy Systems (R1941023)	Elective-II : Utilization of Electrical Energy (R194102A)/ Data Base Management System (R194102B)/ Advanced Control Systems (R194102C)/ Electrical Machine Design (R194102D)/ Hybrid Electric Vehicles (R194102E)	Elective-III : Operating Systems (R194102G)/ Neural Networks & Fuzzy Logic (R194102H)/ High Voltage Engineering (R194102I)/ Energy Auditing and Demand Side Management (R194102J)/ Data Analytics with Python (R194102K)	Open Elective - II :- Measurements & Instrumentation (Except for EEE)(R194102M)/ Fundamentals of Utilization of Electrical Energy (Except for EEE) (R194102N)/ Concepts of Power System Engineering (Except for EEE) (R194102O)/ Basics of Control Systems (Except for EEE) (R194102P)/ Energy Audit (Except for EEE) (R194102Q)/ Fundamental of Electrical Machines (Except for EEE) (R194102R)
Mechanical Engineering (03)	Industrial Management (R1941031)	Elective - III :- Mechanical Vibrations (R194103A)/ Renewable Energy Sources (R194103B)/ Production Planning&Control (R194103C)/ Machine Tool Design (R194103D)	Finite Element Methods (Common to ME & AME) (R1941032)	Elective-IV : Industrial Automation and Robotics (R194103F)/ Micro and Nano Manufacturing (R194103G)/ Power Plant Engineering (R194103H)/ Optimization Techniques (R194103I)	Open Elective-II : MEMS (R194103K)/ Optimization Methods (R194103L)/ Operations Management (R194103M)/ Nano Technology (R194103N)/ Finite Element Analysis (R194103O)



K Venkateswarlu
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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
 UNIVERSITY EXAMINATION CENTER, KAKINADA
IV B.TECH - I SEMESTER (R19) REGULAR EXAMINATIONS, NOVEMBER - 2022

TIME TABLE

TIME : 10.00 AM TO 01.00 PM

Branch	14-11-2022 (Monday)	16-11-2022 (Wednesday)	18-11-2022 (Friday)	21-11-2022 (Monday)	23-11-2022 (Wednesday)	25-11-2022 (Friday)
Electronics & Communication Engineering (04)	Microwave and Optical Communication Engineering (R1941041)	Data Communications & Computer Networks (R1941042)	Digital Image and Video Processing (R1941043)	Elective-III : Communication Standards and Protocols (R194104A)/ Analog IC Design (R194104B) / SmartSensors (R194104C)/ Advanced Digital Signal Processing (R194104D)/ Augmented Reality (R194104E)	Elective-IV: Software Radio (R194104F)/ Low Power VLSI Design (R194104G)/ EmbeddedSystems (R194104H)/ DSP Processors and Architectures (R194104I)/ Multi Media Communication (R194104J)	Open Elective : Embedded Systems (Except for ECE) (R194104K)
Computer Science & Engineering (05)	Cryptography and Network Security (Common to CSE & IT) (R1941051)	Machine Learning (Common to CSE & IT) (R1941053)	UML & Design Patterns (R1941052)	Elective-III : Mobile Computing (R194105A)/ Data Science (R194105B)/ NoSQL Databases (R194105C)/ Internet of Things (R194105D)/ Software Project Management (R194105E)	Elective-IV: Web Services (R194105F)/ Cloud Computing (Common to CSE & IT) (R194105G) / Mean Stack Technologies (R194105H)/ Ad-hoc and Sensor Networks (Common to CSE & IT) (R194105I)/ Cyber Security & Forensics (R194105J)	Open Elective : Problem Solving using Python (Common to CSE & IT) (Except CSE & IT) (R194105K)/ Web Technologies (Common to CSE & IT) (Except CSE & IT) (R194105L)/ Machine Learning (Common to CSE & IT) (Except CSE & IT) (R194105M)/ Distributed Computing (Common to CSE & IT) (Except CSE & IT) (R194105N)/ AI Tools & Techniques (Common to CSE & IT) (Except CSE & IT) (R194105O)/ Data Science (Except CSE & IT) (R194105P)
Information Technology (12)	Cryptography and Network Security (Common to CSE & IT) (R1941051)	Machine Learning (Common to CSE & IT) (R1941053)	Advanced Computer Networks (R1941121)	Elective IV: Distributed Systems (R194112D)/ DevOps (R194112E) / Internet of Things (R194112F)/ Data Science (R194112G)/ Biometrics (R194112H)	Elective III: Big Data Analytics (R194112A)/ Social Networking (R194112B)/ Ad-hoc and Sensor Networks (Common to CSE & IT) (R194105I)/ Cloud Computing (Common to CSE & IT) (R194105G)/ Design Patterns (R194112C)	Open Elective Problem Solving using Python (Common to CSE & IT) (Except CSE & IT) (R194105K)/ Web Technologies (Common to CSE & IT) (Except CSE & IT) (R194105L)/ Machine Learning (Common to CSE & IT) (Except CSE & IT) (R194105M)/ Distributed Computing (Common to CSE & IT) (R194105N) / AI Tools & Techniques (Common to CSE & IT) (Except CSE & IT) (R194105O) / Data Science (Except CSE & IT) (R194112I)



K. Venkatesh

Principal

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA
IV B.TECH - I SEMESTER (R19) REGULAR EXAMINATIONS, NOVEMBER - 2022

TIME TABLE

TIME : 10.00 AM TO 01.00 PM

Branch	14-11-2022 (Monday)	16-11-2022 (Wednesday)	18-11-2022 (Friday)	21-11-2022 (Monday)	23-11-2022 (Wednesday)	25-11-2022 (Friday)
Automobile Engineering (24)	Industrial Engineering & Management (R1941241)	Vehicle Dynamics (R1941242)	Vehicle Body Engineering (R1941243)	Elective I : CAD/CAM (R194124A)/ Two and Three Wheelers (R194124B)/ Automotive Aerodynamics (R194124C)/ Vehicle Infotronics (R194124D)/ Finite Element Methods (Common to ME & AME) (R1941032)	Elective H : Mechatronics (R194124E)/ Computational Fluid Dynamics (R194124F)/ Condition Monitoring (R194124G)/ Managerial Economics and financial analysis (R194124H)/ Internet of Things (R194124I)	Alternative Energy sources for Automobiles (R1941244)
Mining Engineering (26)	Computer Applications in Mining (R1941261)	Mine Planning and Design (R1941262)	Mine Legislation & General Safety (R1941263)	Elective I : Rocks Slope Engineering (R194126A)/ Mine Subsidence Engineering (R194126B)/ Mine Systems Engineering (R194126C)
Petroleum Engineering (27)	Design of Surface Facilities (R1941271)	Enhanced Oil Recovery Techniques (R1941272)	Elective III : HSE in Petroleum Industry (R194127A)/ Petroleum Engineering Mathematics (R194127B)/ Subsea Engineering (R194127C)	Elective IV: Mathematics of Reservoir Simulation (R194127D)/ Advances in Well Control (R194127E)/ Pipeline Engineering (R194127F)	Elective V : Statistics for Petroleum Engineers and Geoscientists (R194127G)/ Advances in Seismic methods for Hydrocarbon Exploration (R194127H)
Agricultural Engineering (35)	Micro Irrigation Engineering (R1941351)	Post Harvest Engineering for Horticulture Produce (R1941352)	Elective II : Food Packaging Technology (R194135A)/ Watershed Management (R194135B)/ Human Engineering and Safety (R194135C)	Elective III: GIS and Remote Sensing (R194135D)/ Production Technology of Agricultural Machinery (R194135E)/ Food Plant Design and Management (R194135F)	Open Elective : Mechanical Measurements and Instrumentation (R194135G)/ Artificial Intelligence in Agricultural Engineering (R194135H)/ Photovoltaic Technology and Systems (R194135I)

NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 29-10-2022




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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**TIME TABLE****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
CIVIL ENGINEERING (01-CE)	Mathematics -III R2021011 (Except EEE,FE)	Strength of Materials-I R2021012	Fluid Mechanics R2021013	Surveying and Geometrics R2021014	Highway Engineering R2021015
ELECTRICAL AND ELECTRONICS ENGINEERING (02.EEE)	Mathematics – IV R2021021	Electronic Devices and Circuits R2021022	Electrical Circuit Analysis –II R2021023	DC Machines and Transformers R2021024	Electro Magnetic Fields R2021025
MECHANICAL ENGINEERING (03-ME)	Mathematics -III R2021011 (Except EEE,FE)	Mechanics of Solids R2021031 (Common to ME,AME)	Production Technology R2021033	Fluid Mechanics & Hydraulic Machines R2021032 (Comm to ME,AME)	Kinematics of Machinery R2021034
ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	Mathematics -III R2021011 (Except EEE,FE)	Electronic Devices and Circuits R2021041 (Common to ECE,EIE,ECT)	Switching Theory and Logic Design R2021042 (Common to ECE,EIE,ECT)	Signals and Systems R2021043 (Common to ECE,EIE,ECT)	Random Variables and Stochastic Processes R2021044 (Common to ECE,ECT)
COMPUTER SCIENE & ENGINEERING (05-CSE)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE, CST, CSE (AIML),AIDS,CSE(AIDS),CSE (CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CSD)	Object Oriented Programming through C++ R2021051 (Common to CSE,IT)	Operating Systems R2021052 (Common to CSE,CST,IT,CS,IOTCSBT,IOT,CS)	Software Engineering R2021053
COMPUTER SCIENE & TECHNOLOGY (06)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE, CST, CSE(AIML),AIDS,CSE(AIDS),CSE (CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures R2021061 (Common to CST,CSE (CS),CS,OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems R2021052 (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT)	Java Programming R2021062 (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)



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II B.TECH I SEMESTER (R20)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**TIME TABLE****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)	Mathematics -III R2021011 (Except EEE,FE)	Electronic Devices and Circuits R2021041 (Common to ECE,EIE,ECT)	Switching Theory and Logic Design R2021042 (Common to ECE,EIE,ECT)	Signals and Systems R2021043 (Common to ECE,EIE,ECT)	Electronic Measurements and Instrumentation R2021101
INFORMATION TECHNOLOGY (12-IT)	Mathematics -III R2021011 (Except EEE,FE)	Discrete Mathematics and Graph Theory R2021122	Object Oriented Programming through C++ R2021051 (Common to CSE, IT)	Operating Systems R2021052 (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Database Management Systems R2021121 (Common to IT,CSE/AIML, AI,DS,CSE/AIDS), AIDS,AIML,CSD)
ELECTRONICS & COMMUNICATION TECHNOLOGY (14)	Mathematics -III R2021011 (Except EEE,FE)	Electronic Devices and Circuits R2021041 (Common to ECE,EIE,ECT)	Switching Theory and Logic Design R2021042 (Common to ECE,EIE,ECT)	Signals and Systems R2021043 (Common to ECE,EIE,ECT)	Random Variables and Stochastic Process R2021044 (Common to ECE,ECT)
AUTO MOBILE ENGINEERING (24-AME)	Mathematics -III R2021011 (Except EEE,FE)	Mechanics of Solids R2021031 (Common to ME,AME)	Thermodynamics R2021241	Fluid Mechanics & Hydraulic Machines R2021032 (Comm to ME,AME)	Components of Automobile Chassis R2021242
MINING ENGINEERING (26-MM)	Mathematics -III R2021011 (Except EEE,FE)	Development of Mineral Deposits R2021261	Mine Surveying R2021262	Engineering and Economic Geology R2021263	Mineral Processing Technology R2021264
PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)	Mathematics -III R2021011 (Except EEE,FE)	Petroleum Geology R2021271	Fluid Mechanics for Petroleum Engineers R2021272	Heat Transfer Operations R2021273	Material and Energy Balances R2021274



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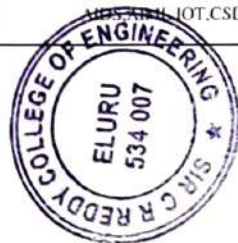
II B.TECH I SEMESTER (R20)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**TIME TABLE****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
AGRICULTURAL ENGINEERING (35-AGE)	Mathematics -III R2021011 (Except EEE,FE)	Surveying and Leveling R2021351	Fluid Mechanics and Open Channel Hydraulics R2021352	Properties and Strength of Materials R2021353	Farm Power and Tractor Systems R2021354
CSE (Artificial Intelligence and Machine Learning) (42)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML), ALDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Machine Learning R2021421 (Common to CSE(AIML), AIML)	Object Oriented Programming with Java R2021422 (Comm to CSE(AIML),ALDS,CSE(AIDS), AIDS,AIML)	Database Management Systems R2021121 (Common to IT,CSE(AIML),ALDS, CSE(AIDS), AIDS,AIML,CSD)
CSE (Artificial Intelligence) (43)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML), ALDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence R2021431	Object Oriented Programming with Java R2021422 (Comm to CSE(AIML), ALDS,CSE(AIDS),AIDS,AIML)	Database Management Systems R2021121 (Common to IT,CSE(AIML) ALDS,CSE(AIDS), AIDS,AIML,CSD)
CSE (Data Science) (44)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML), ALDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Fundamentals of Data Science R2021441	Object Oriented Programming with Java R2021422 (Comm to CSE(AIML), ALDS,CSE(AIDS),AIDS,AIML)	Database Management Systems R2021121 (Common to IT,CSE(AIML) ALDS,CSE(AIDS), AIDS,AIML,CSD)
CSE (Artificial Intelligence and Data Science) (45)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML), ALDS,CSE(AIDS),CS,IOTCSBT,CSBS,IOT, AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science R2021451 (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java R2021422 (Comm to CSE(AIML),ALDS,CSE(AIDS),AIDS, AIML)	Database Management Systems R2021121 (Common to IT,CSE(AIML) ALDS,CSE(AIDS), AIDS,AIML,CSD)



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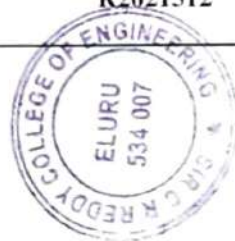
II B.TECH I SEMESTER (R20)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**TIME TABLE****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
CSE (Cyber Security) (46)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML), ALDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures R2021061 (Common to CST,CSE(CS)CS, OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems R2021052 (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming R2021062 (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
CSE (Internet of things and Cyber security including Block chain Technology) (47)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST, CSE(AIML),ALDS,CSE(AIDS), CSE(CS),IOTCSBT,CSBS,IOT, AIDS,CS,AIML,IOT,CSD)	Data Structures R2021061 (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems R2021052 (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming R2021062 (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
CSE (Computer Science and Business System) (48)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML),ALDS, CSE(AIDS),CS,IOTCSBT,CSBS, IOT,AIDS,AIML)	Data Structures R2021061 (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Formal Languages & Automata Theory R2021481	Computer Organization & Architecture R2021482
CSE (Internet of Things) (49)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML),ALDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,A IDS,CS,AIML,IOT,CSD)	Data Structures R2021061 (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems R2021052 (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming R2021062 (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
FOOD ENGINEERING (51)	Probability and Statistics R2021511	Principles of Food Engineering -I R2021512	Mechanical Operations in Food Processing R2021513	Fluid Mechanics in Food Processing R2021514	Food Microbiology R2021515



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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**TIME TABLE****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML),ALDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science R2021451 (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java R2021422 (Comm to CSE(AIML),ALDS,CSE(AIDS), AIDS,AIML)	Database Management Systems R2021121 (Common to IT,CSE(AIML),ALDS,CSE(AIDS), AIDS,AIML, CSD)
PHARMACEUTICAL ENGINEERING (55)	Mathematics - III R2021011 (Except EEE,FE) (Vector Calculus, Transforms and PDE)	Pharmacology R2021551	Material and Energy Balance Computations R2021552	Fluid Mechanics and Mechanical Unit Operations R2021553	Thermodynamics for pharmaceutical Engineers R2021554
CYBER SECURITY (59)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML),ALDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures R2021061 (Common to CST,CSE(CS),CS,OITCSBT, CSBS,IOT,CS,IOT)	Operating Systems R2021052 (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT)	Java Programming R2021062 (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
INTERNET OF THINGS (60)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST,CSE(AIML),ALDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML, IOT, CSD)	Data Structures R2021061 (Common to CST,CSE(CS),CS,OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems R2021052 (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming R2021062 (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST, CSE(AIML),ALDS,CSE(AIDS),CSE(CS), IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CS)	Introduction to Artificial Intelligence and Machine Learning R2021421 (Common to CSE(AIML),AIML)	Object Oriented Programming with Java R2021422 (Comm to CSE(AIML),ALDS,CSE(AIDS),AIDS, AIML)	Database Management Systems R2021121 (Common to IT,CSE(AIML),ALDS,CSE(AIDS), AIDS,AIML, CSD)





II B.TECH I SEMESTER (R20)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
COMPUTER SCIENCE AND DESIGN (62)	Mathematics -III R2021011 (Except EEE,FE)	Mathematical Foundations of Computer Science R2021054 (Comm to CSE,CST, CSE (AIML),AI,DS,CSE(AIDS),CSE(CS),OT CSBT,CSBS,IOT,AIDS,CS,AIML,IOT, CSD)	Computer Graphics R2021621	Multimedia and Application Development R2021622	Database Management Systems R2021121 (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML,CSD)

NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 26-12-2022



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H. R. Reddy
Controller of Examinations



SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU [B8]

EXAMINATION SECTION J.N.T.U.K Examinations – Pass Percentage

Examination: IV/IV B.E. / B. Tech., (I-Semester), January-2023, (19B8 Series) A.Y. : 2022-23

Ref. No.: SIRCRRCOE/EXAMS/A.Y. 2022 - 2023/39/Result Analysis


Dt: 31-01-2023

BRANCH	NO. OF STUDENTS APPEARED	NO OF STUDENTS PASSED	PERCENTAGE
CIVIL	60	34	56.67
EEE	172	125	72.70
MECH	116	67	57.76
ECE	207	135	65.21
CSE	207	175	84.54
IT	133	107	80.45
TOTAL	895	643	71.84

Branch	A.Y. 2021-22 (18B8 Series)		
	APPEARED	PASSED	PERCENTAGE
CIVIL	60	48	80.00
EEE	152	82	53.95
MECH	114	65	57.02
ECE	187	113	60.00
CSE	203	185	91.13
IT	98	79	80.16
TOTAL	814	572	70.27

RESULT OF THE SAME BATCH STUDENTS FROM THE FIRST YEAR ONWARDS

Branch	I/IV I-Sem Dec-19	I/IV II-Sem Nov-20	II/IV I-Sem Mar-21	II/IV II-Sem Nov-21	III/IV I-Sem Feb-22	III/IV II-Sem June-22	IV/IV I-Sem Jan - 23
CIVIL	23.07	15.38	44.64	67.86	50.00	55.00	56.67
EEE	21.05	22.10	51.14	36.63	43.60	61.98	72.70
MECH	04.34	19.40	25.66	26.54	39.29	39.66	57.76
ECE	42.40	43.97	30.76	46.63	56.45	57.00	65.21
CSE	55.20	46.03	60.59	43.78	83.17	73.42	84.54
IT	39.06	33.59	47.79	64.93	87.96	86.4	80.45
TOTAL	37.67	35.82	44.38	45.58	62.30	63.61	71.84


01/2/23
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Principal
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ELURU - 534 007



SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU [B8]

EXAMINATION SECTION J.N.T.U.K Examinations – Pass Percentage

Examination: III/IV B.E. / B. Tech.. (I-Semester), March-2023, (20B8 Series) A.Y. : 2022-23

Ref. No.: SIRCRRCOE/EXAMS/A.Y. 2022 - 2023/39/Result Analysis


Dt: 24-03-2023

BRANCH	NO. OF STUDENTS APPEARED	NO OF STUDENTS PASSED	PERCENTAGE
CIVIL	71	45	63.40
EEE	154	66	42.85
MECH	136	63	46.32
ECE	206	138	66.99
CSE	217	189	87.09
IT	137	102	74.45
TOTAL	921	603	65.47

Branch	A.Y. 2021-22 (19B8 Series)		
	APPEARED	PASSED	PERCENTAGE
CIVIL	60	34	56.67
EEE	172	125	72.70
MECH	116	67	57.76
ECE	207	135	65.21
CSE	207	175	84.54
IT	133	107	80.45
TOTAL	895	643	71.84

RESULT OF THE SAME BATCH STUDENTS FROM THE FIRST YEAR ONWARDS

Branch	I/IV I-Sem Aug-21	I/IV II-Sem Jan-22	II/IV I-Sem May-22	II/IV II-Sem Sept-22	III/IV I-Sem Mar-23
CIVIL	25.0	14.8	16.90	46.48	63.40
EEE	22.22	13.04	19.75	47.43	42.85
MECH	21.87	18.7	23.91	36.5	46.32
ECE	40.86	40.86	42.78	57.69	66.99
CSE	44.91	64.89	55.09	77.41	87.09
IT	41.80	19.51	61.15	65.69	74.45
TOTAL	35.71	34.70	40.27	57.77	65.47


24/3/23
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