

Grams: "TECHNOLOGY"  
Email: dapjntuk@gmail.com



Phone: 0884-2300991  
Mobile: +91777900000

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. JNTUK/DAP/Aca.Cal/ II B.Tech/2018-19

Date: 24-05-2018

Dr. Ch. Satyanarayana  
M.Tech, Ph.D.,  
Director, Academic & Planning

To  
The Principals of All Affiliated Colleges,  
JNTUK, Kakinada

ACADEMIC CALENDAR  
for  
B.TECH II YEAR  
2017 BATCH

B.TECH II YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	11-06-2018		
I Unit of Instructions	11-06-2018	04-08-2018	8W
I Mid Examinations	06-08-2018	11-08-2018	1W
II Unit of Instructions	13-08-2018	06-10-2018	8W
II Mid Examinations	08-10-2018	13-10-2018	1W
Preparation & Practicals	15-10-2018	20-10-2018	1W
End Examinations	22-10-2018	03-11-2018	2W
Commencement of Class Work	19-11-2018		
B.TECH II YEAR II Semester			
I Unit of Instructions	19-11-2018	12-01-2019	8W
I Mid Examinations	17-01-2019	23-01-2019	1W
II Unit of Instructions	24-01-2019	23-03-2019	8W
II Mid Examinations	25-03-2019	30-03-2019	1W
Preparation & Practicals	01-04-2019	06-04-2019	1W
End Examinations	08-04-2019	20-04-2019	2W
Commence of III Year Class Work	10-06-2019		

  
Director Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor  
Copy to the Rector  
Copy to the Registrar  
Copy to the Director of Evaluation  
Copy to the Controller of Examination

  
**PRINCIPAL**  
Potti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

## II. B.TECH II SEMESTER (R16)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH - II SEMESTER (R16 REGULATIONS) I MID EXAMINATIONS, JAN - 2019

### TIME TABLE

BRANCH	DATE AND DAY					
	22-01-2019 (Tuesday)	23-01-2019 (Wednesday)	24-01-2019 (Thursday)	28-01-2019 (Monday)	29-01-2019 (Tuesday)	30-01-2019 (Wednesday)
CIVIL ENGINEERING (01- CE)	BUILDING PLANNING AND DRAWING	HYDRAULICS AND HYDRAULIC MACHINERY	TRANSPORTATION ENGINEERING-I	CONCRETE TECHNOLOGY	STRUCTURAL ANALYSIS - I	STRENGTH OF MATERIALS- II
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	MANAGEMENT SCIENCE (EEE,ECE,ECC)	SWITCHING THEORY AND LOGIC DESIGN	ELECTRICAL MEASUREMENTS	CONTROL SYSTEMS	POWER SYSTEMS-I	ELECTRICAL MACHINES-II
MECHANICAL ENGINEERING (03 - ME)	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	THERMAL ENGINEERING -I (Com. to ME,AME)	PRODUCTION TECHNOLOGY (Com. to ME, AME)	DESIGN OF MACHINE MEMBERS-I	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE,AME,Min E)	MACHINE DRAWING (Com. to ME, AME)
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	MANAGEMENT SCIENCE (EEE,ECE,ECC)	PULSE AND DIGITAL CIRCUITS (Com. to ECE,EIE,ECC)	EM WAVES AND TRANSMISSION LINES (Com. to ECE, EIE)	ELECTRONIC CIRCUIT ANALYSIS (Com. to ECE, EIE)	CONTROL SYSTEMS. (Com. to ECE,EIE,ECC)	ANALOG COMMUNICATIONS
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	SOFTWARE ENGINEERING	JAVA PROGRAMMING (Com. to CSE, IT)	ADVANCED DATA STRUCTURES	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	FORMAL LANGUAGES AND AUTOMATA THEORY	PRINCIPLES OF PROGRAMMING LANGUAGES (Com. to CSE,IT)

CONTINUED ON PAGE - 2

*K. Rao*  
**PRINCIPAL**  
Potti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Chapet, VIJAYAWADA-520 001

	22/1	23/1	24/1	28/1	29/1
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Micro Wave Engineering (R1632042)	VLSI Design (R1632043) (Common to EEE- elective, ECE, EIE, E.COM.E)	Digital Signal Processing (R1632044)	<b>OOPs through Java</b> Data Mining Industrial Robotics Power Electronics Bio-Medical Engineering Artificial Neural Networks
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Computer Networks (Common to CSE, IT)(R1632051)	Data Warehousing and Mining (R1632052)	Design and Analysis of Algorithms (R1632053)	Software Testing Methodologies (Common to CSE, IT) (RT32054)	<b>OPEN ELECTIVE:-</b> Artificial Intelligence Internet of Things Cyber Security Digital Signal Processing Embedded Systems Robotics
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Measuring Instruments (R1632102)	VLSI Design (Common to EEE- elective, ECE, EIE, E.COM.E) (R1632043)	Analytical Instrumentation (R1632101)	<b>OPEN ELECTIVE:-</b> OOPs through Java Data Mining Power Electronics Bio-Medical Engineering Artificial Neural Networks
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Computer Networks (Common to CSE, IT)(R1632051)	Web Technologies (R1632122)	Data Mining (R1632121)	Software Testing Methodologies (Common to CSE, IT) (RT32054)	<b>OPEN ELECTIVE:-</b> Artificial Intelligence Social Networks and Semantic Web Digital Signal Processing Embedded Systems Robotics Operations Research

Principal  
 Potti Srimulu Chalavadi Mallikharjuna Rao  
 College of Engineering & Technology  
 VIJAYAWADA-520 001



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA - 533003**  
**IV B.TECH - II SEMESTER (R13) I MID EXAMINATIONS, JAN - 2019**  
**T I M E T A B L E**

Branch	22.01.2019 (Tuesday)	23.01.2019 (Wednesday)	24.01.2019 (Thursday)	28.01.2019 (Monday)
Civil Engineering (01)	Estimating, Specifications & Contracts (RT42011)	<b>Elective-II:</b> Engineering with Geo-synthetics (RT42012A)/ Environmental Impact Assessment and Management (RT42012B)/ Advanced Structural Engineering (RT42012C)/ Ground Water Development and Management (RT42012D)/ Traffic Engineering (RT42012E)/ Infrastructure Management (RT42012F)	<b>Elective-III:</b> Advanced foundation Engineering (RT42013A)/ Solid waste Management (RT42013B)/ Earthquake Resistant Design (RT42013C)/ Water Shed Management (RT42013D)/ Pavement Analysis and Design (RT42013E)/ Green Buildings (RT42013F)	<b>Elective-IV:</b> Soil Dynamics and Machine Foundations (RT42014A)/ Environmental and Industrial Hygiene(RT42014B)/ Repair and Rehabilitation of Structures(RT42014C)/ Water Resources System Planning and Management (RT42014D)/ Urban Transportation Planning (RT42014E)/ Safety Engineering (RT42014F)/ Bridge Engineering (RT42014G)
Electrical and Electronics Engineering (02)	Digital Control Systems (RT42021)	<b>Elective-II:</b> Advanced Control Systems (RT42022A) High Voltage Engineering (RT42022B) Special Electrical Machines (RT42022C)	<b>Elective-III:</b> Electric Power Quality (RT42023A)/ Digital Signal Processing (RT42023B)/ FACTS: Flexible Alternating Current Transmission Systems (RT42023C)	<b>Elective-IV:</b> OOPS Through Java(RT42024A)/ UNIX and Shell Programming (RT42024B)/ AI Techniques (RT42024C)/ Power System Reforms (RT42024D)/ Systems Engineering (RT42024E)
Mechanical Engineering (03)	Production Planning and Control (RT42031) (Common to ME, Mining)	Green Engineering Systems (RT42032)	<b>Elective-III:</b> Experimental Stress Analysis (RT42033A) (Common to ME,AME)/ Mechatronics (RT42033B)/ Advanced Materials (RT42033C)/ Power Plant Engineering(RT42033D)	<b>Elective-IV:</b> Non Destructive Evaluation(RT42034A)/ Advanced Optimization Techniques(RT42034B)/ Gas Dynamics & Jet Propulsion(RT42034C)/ Quality and Reliability Engineering (RT42034D)
Electronics and Communication Engineering (04)	Cellular Mobile Communication (RT42041)	Electronic Measurements and Instrumentation (RT42042)	<b>Elective-III:</b> <u>Satellite Communication</u> (RT42043A)/ Mixed signal Design (RT42043B)/ Embedded systems (RT42043C) (Common to ECE,EIE&ECC) RF Circuit Design (RT42043D) Cloud Computing (RT42043E) (Common to ECE,CSE)	<b>Elective-IV:</b> Wireless Sensors and Networks (RT42044A) (Common to ECE,EIE&ECC) System on Chip (RT42044B) (Common to ECE, EIE) <u>Low Power VLSI Design</u> (RT42044C) Bio-Medical Ins(RT42044D)/EMI/EMC (RT42044E) (Common to ECE, ECC)

*Principal*  
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 YAWADA-520 001





**P.S.C.M.R COLLEGE OF ENGINEERING & TECHNOLOGY**

*Affiliated to JNTU, Kakinada & Approved by AICTE, New Delhi*

*Kottha Peta, Vijayawada - 520001*

**DEPARTMENT OF MECHANICAL ENGINEERING**

**List of Students for the Industrial Training in A.Y-2016-17**

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR-SEM	Organisation Name&Place	Dates
1	14KT1A0302	A.Prahlad	IV-I	<b>Diesel Loco Shed, Vijayawada.</b>	<b>08/05/2017 TO 09/06/2017</b>
2	14KT1A0303	A.Sai Sri Vasthav	IV-I		
3	14KT1A0304	A.Koumudhi	IV-I		
4	14KT1A0306	B.Rohit	IV-I		
5	14KT1A0307	B.Arjun	IV-I		
6	14KT1A0315	Ch.Srikari	IV-I		
7	14KT1A0316	Ch.Giridhar Sai	IV-I		
8	14KT1A0320	D.Prem Chand	IV-I		
9	14KT1A0320	K.Bujji Babu	IV-I		
10	14KT1A0334	K.Anil Reddy	IV-I		
11	14KT1A0346	M.Gopi	IV-I		
12	14KT1A0365	P.Lohith Nischal Raju	IV-I		
13	14KT1A0376	R.Bhargava Krishna Teja	IV-I		
14	14KT1A0399	V.Chandhu Rami Reddy	IV-I		
15	15KT5A0302	A.N.V.L.Sai Krishna	IV-I		
16	15KT1A0324	G.Dundeswara Rao	III-I		
17	15KT1A0365	P.Lokesh Varma	III-I		
18	15KT1A0368	P.Tejo Nikihil	III-I		
19	15KT1A0374	P.Mounika Sree	III-I		
20	15KT1A0375	R.V.Ravi Teja	III-I		
21	15KT1A0386	Sk.Md Mujahid Hussain	III-I		
22	15KT1A03A7	T.Lakshmi Prasanna	III-I		
23	15KT1A03B3	V.Lakshmi Prasanti	III-I		

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR-SEM	Orgonisation Name&Place	Dates
1	14KT1A0308	B.Koushalendra	IV-I	<b>APHMEL, Kondapalli, Vijayawada.</b>	<b>02/06/2017 TO 19/06/2017</b>
2	14KT1A0318	D.Papa Rao	IV-I		
3	14KT1A0319	D.Mani Krishna Reddy	IV-I		
4	14KT1A0322	E.Prasanth	IV-I		
5	14KT1A0324	G.Rahul Joshi	IV-I		
6	14KT1A0326	G.Bujji Babu	IV-I		
7	14KT1A0328	J.Satish Kumar	IV-I		
8	14KT1A0329	J.B.V.Koteswara Rao	IV-I		
9	14KT1A0339	K.Srikanth	IV-I		
10	15KT5A0307	K.Nagarjuna	IV-I		

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR-SEM	Orgonisation Name&Place	Dates
1	15KT1A0390	S.Bharath Kumar	III-I	<b>Kusalava Hyundai Show Room, MG road, Vijayawada.</b>	<b>02/05/2017 TO 30/05/2017</b>
2	15KT1A0399	T.Manoj Sai	III-I		
3	15KT1A03A4	T.Harsha Vardhan Kumar	III-I		
4	16KT5A0321	V.Hema Sundhar Rao	III-I		

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR-SEM	Orgonisation Name&Place	Dates
1	14KT1A0309	B.Pranusha	IV-I	<b>Automation And Control Systems(ACS) PUNE</b>	<b>29/05/2017 TO 31/06/2017</b>
2	14KT1A0331	K.Hari Kishore	IV-I		
3	14KT1A0345	M.Vijaya Lakshmi	IV-I		
4	14KT1A0348	M.Manoj Kumar	IV-I		
5	15KT5A0305	Ch.Chaitnaya	IV-I		



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**DEPARTMENT OF MECHANICAL ENGINEERING**

**List of Students for the Industrial Training in Year 2017-18**

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR-SEM	Organisation Name&Place	Dates
1	15KT1A0318	G.Sai Navya	IV-I	<b>SOUTHERN REGION FARM MACHINERY Training and testing Institute, Ananthapuram.</b>	<b>14/05/2018 to 18/05/2018</b>
2	15KT1A0315	D.Manasa	IV-I		
3	15KT1A0347	M.Raja	IV-I		
4	15KT1A0307	B.Hema Harika	IV-I		
5	15KT1A0340	K.L.N.Sushma	IV-I		
6	15KT1A0329	K.Naga Praveen	IV-I		
7	15KT1A0314	D.Sirisha	IV-I		
8	15KT1A0341	K.N.T.S.Ayyapa	IV-I		
9	15KT1A0308	B.R.Manikanta Varma	IV-I		
10	15KT1A0311	Ch.Bavya	IV-I		
11	15KT1A0332	K.Jaswanth	IV-I		
12	15KT1A0302	A.Sai Chinni	IV-I		
13	15KT1A0306	B.Saraswathi	IV-I		
14	15KT1A03B6	V.Harish	IV-I	<b>Railway Wagon work shop, Guntupalli</b>	<b>07-05-2018 to 21-05-2018</b>
15	15KT1A03A7	T.L. Prasanna	IV-I		
16	15KT1A0374	P.Mounika Sri	IV-I		
17	15KT1A0364	P.Anjali	IV-I		
18	15KT1A0362	P.Yaswanth	IV-I		
19	15KT1A03A5	T.Naga Deepthi	IV-I		



20	15KT1A03A3	T.Sneha Sri	IV-I	<b>Railway Wagon work shop,  Guntupalli</b>	07-05-2018 to 21-05-2018
21	15KT1A0363	P.M.S.Krishna Sai	IV-I		
22	15KT1A0327	K.Pavan Thanmai	IV-I		
23	15KT1A0343	K.S.Sarath	IV-I		
24	15KT1A0335	K.Sai Kiran	IV-I		
25	15KT1A0304	A.Maheswari	IV-I		
26	15KT1A0390	A.Bharath Kumar	IV-I		
27	15KT1A0301	A.SUDHEER BABA	IV-I		
28	15KT1A0309	Ch.NAGA RAJU	IV-I		
29	15KT1A0312	Ch. PRIYANKA	IV-I		
30	15KT1A0368	P.Tejo Nikihil	IV-I		
31	15KT1A0376	R.Roopesh Babu	IV-I		
32	15KT1A0379	Sh.AFSHAAN ALI	IV-I		
33	15KT1A0381	Sh. GOUSE BASHA	IV-I		
34	15KT1A0385	Sh. MASTHANVALI	IV-I		
35	15KT1A0392	S. N.V.Vijayakumar	IV-I		
36	15KT1A0395	S.Lakshmi Kanth	IV-I		
37	16KT5A0316	T. Prabhakar Rao	IV-I		
38	16KT5A0319	V.Manikanta Kumar	IV-I		
39	16KT5A0305	K. Ganesh	IV-I		
40	16KT5A0309	M. Santosh Vipul	IV-I		

41	16KT5A0311	N.Navya Sri	IV-I		
42	16KT5A0304	Devaki Venkata Sai Manikanta	IV-I	<b>Railway Wagon work shop, Guntupalli</b>	07-05-2018 to 21-05-2018
43	16KT5A0309	Mudraboena Santosh Vipul	IV-I		
44	16KT1A0301	Alabani Narayana Rao	III-I		
45	16KT1A0309	Bitra Bala Veera Chandu	III-I		
46	16KT1A0319	Garimella A K V M Suryateja	III-I		
47	16KT1A0322	Gudala Santhosh Siva Kumar	III-I		
48	16KT1A0326	Katta Thriven Kumar	III-I		
49	17KT5A0304	Bonda Surendra Babu	III-I		
50	17KT5A0314	Jampana Sai Kiran	III-I		
51	17KT5A0316	Kare Lokesh Babu	III-I		
52	17KT5A0319	Koraganji Krishna Rao	III-I		
53	17KT5A0322	Pedasingu Venkata Jagadeesh	III-I		
54	15KT1A0337	K.Nikhil Sai	IV-I	<b>Vizag Steel Plant, Visakapatnam</b>	21-05-2018 to 02-06-2018
55	15KT1A0338	K.Anjaneyulu	IV-I		
56	15KT1A0326	K.Durga Prasad	IV-I		
57	15KT1A0308	B.R.Manikanta varma	IV-I		
58	15KT1A0303	A.Ravi	IV-I		
59	15KT1A0337	K.Nikhil Sai	IV-I	<b>Varun Motors Pvt.Limited, Vijayawada</b>	08-05-2018 to

					19-05-2018
60	16KT5A0307	M.Sagar	IV-I	HAL, Punjab	21-05-2018 to 16-06-2018
61	15KT1A0312	Ch.Priyanka	IV-I	Anvitha Honda, Vijayawada	17-5-2018 to 02-06-2018
62	16KT5A0309	M.Santosh Vipul	IV-I	ROYAL ENFIELD	22/5/18 to 05/6/18

Principal

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Petti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
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Kothapeta, Vijayawada-520001 (A. P.)

**Department of Mechanical Engineering**

**Course File**

Faculty Member : G. Ravali  
Academic Year : 2017-18 Year : III Semester : I Section: A & B  
Course : Instrumentation and Control systems  
Class work start Date: 12/06/17 Last working day : 7/10/17

S. No.	Content	Compliance
1.	Syllabus Copy	✓
2.	Time Table	✓
3.	Lesson Plan	✓
4.	Lecture Notes	✓
5.	Mid Exams Question Papers	✓
6.	Question bank (from Previous External Exams)	✓
7.	Assignment Questions	✓
8.	External Question Papers	✓
9.	Internal Marks Copy	✓
10.	External Results Copy	—
11.	Micro Analysis of Results (CO, PO Attainment)	— ✓
12.	Sample answer scripts of all internal exams	—
13.	Sample of Evaluated Home Assignment	✓
14.	Copy of PPT's, Videos (CD/Pen Drive) and any other	—
15.	Scheme of Evaluation	✓
16.	Course End Survey	✓

G. Ravali  
Faculty Member

K. S. S. S.

K. S. S. S.  
18/11/17  
Head of the Department



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Kothapeta, Vijayawada-520001 (A. P.)

**DEPARTMENT OF MECHANICAL ENGINEERING**

**COURSE FILE**

Faculty Member : **Vijay SRIHARSHA TANGELLA**

Academic Year : 2017-18 Year: **IV** Semester: **I** Section: **A & B**

Course : **CAD/CAM**

Class work start Date: **19/06/17** Last working day : **14/10/17**

S.NO.	CONTENT	COMPLIANCE
1.	Syllabus Copy	✓
2.	Time Table	✓
3.	Lesson Plan	✓
4.	Lecture Notes	✓
5.	Mid Exams Question Papers	✓
6.	Question bank (from Previous External Exams)	✓
7.	Assignment Questions	✓
8.	External Question Papers	✓
9.	Internal Marks Copy	✓
10.	External Results Copy	—
11.	Micro Analysis of Results (CO, PO Attainment)	✓
12.	Sample answer scripts of all internal exams	—
13.	Sample of Evaluated Home Assignment	✓
14.	Copy of PPT's, Videos (CD/Pen Drive) and any other	✓
15.	Scheme of Evaluation	✓
16.	Course End Survey	✓

  
Faculty Member

  
Head of the Department



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Kothapeta, Vijayawada-520001 (A. P.)

**DEPARTMENT OF MECHANICAL ENGINEERING**

**COURSE FILE**

Faculty Member : VIJAY SRIHARSHA TANGELLA

Academic Year : 2018 - 2019 Year : III Semester: 2 Section: A8B

Course : Operations Research Subject Code : R1631034

Class work start Date: 11/06/2018 Last working day :

S.No.	Content	Compliance
1	Syllabus Copy	✓
2	Time Table	✓
3	Lesson Plan	✓
4	Lecture Notes	✓
5	Mid Exams Question Papers	✓
6	Question bank (from Previous External Exams)	✓
7	Assignment Questions	✓
8	External Question Papers	✓
9	Internal Marks Copy	✓
10	External Results Copy	✓
11	Micro Analysis of Results (CO, PO Attainment)	✓
12	Sample answer scripts of all internal exams	✓
13	Sample of Evaluated Home Assignment	✓
14	Copy of PPT's, Videos (CD/Pen Drive) and any other	✓
15	Scheme of Evaluation	✓
16	Course End Survey	✓

T. S. R. Tangella  
Faculty Member

V. S. R. Tangella  
Head of the Department

K. S. R. Rao  
PRINCIPAL  
Potti Srinamulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapeta, VIJAYAWADA-520 001

**PRINCIPAL**



**PSCMR COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**KOTHAPETA, VIJAYAWADA – 520001**  
**DEPARTMENT OF CIVIL ENGINEERING**

**LESSON PLAN & LECTURE SCHEDULE FOR SM-1**

COURSE: II BTECH 1<sup>ST</sup> SEM

FACULTY NAME: S.N.BHARGAVI

BRANCH: CIVIL

ACADEMIC YEAR: 2015-2016

DATE OF COMMENCEMENT:

S.NO	DATE	TOPIC NAME	NO.OF PERIODS
<b><u>UNIT-I</u></b>			
1	13/6/16	Introduction	1
2	14/6	Stress, strain and types of stresses	1
3	15/6	Elasticity and elastic limit	1
4	16/6	Problems	1
5	18/6	Modulus of elastic and factor of safety	1
6	21/6	Relation between stress and strain	1
7	24/6	Bars of varying cross section	1
8	22/6	Problems	1
10	23/6	Uniformly tapering circular/rectangular rod	2
11	25/6	Bars of composite sections	2
12	27/6	Thermal stresses problems	1
13	28/6	Elastic constants relations	1
		Problems	1
<b><u>UNIT-II</u></b>			
14	30/6	Introduction	1
15	2/7	Types of beams and loads	1
16	4/7	Sign convention of SFD and BMD	2
17	5/7	SFD and BMD of cantilevers	1
18	7/7	Problems	1
19	9/7	SFD and BMD of simply supported beam	2
20	11/7	Problems	1
21	12/7	Problems	1
22	13-15/7	SFD and BMD of overhanging and combination of point load, U.D.L & U.V.L	2
23	16/7	Problems	1
24	18/7	Problems	1
<b><u>UNIT-III</u></b>			
25	19/7	Introduction	1
26	20/7	Pure bending(or) simple bending	1
27	21/7	Theory of simple bending	1

28	22/7	Assumptions and derivations	2
29	23/7	$E/R = M/I = F/Y$	2
30	25/7	Bending stresses or symmetrical sections	1
31	26/7	Problems	1
32	29/7	Problems	1
33	29/7	Section modulus problems	2
34	3/8	Bending (or) un symmetrical section	
		<b>UNIT-IV</b>	
35	6/8	shear stress	2
36	6/8	Shear stress at a section	1
37	2/9	I-section	1
38	6/9	T-section	2
39	7/9	Other sections problems	2
40	8-11/9	Problems	
		<b>UNIT-V</b>	
41	12/9	Deflections of Beams	2
42	14/9	Derivation of slope and deflection	1
43	15/9	cantilever problems(point load)	1
44	16-18/9	Cantilever problems (U.D.L & U.V.L)	1
45	18/9	S.S.B Problems (Point loads)	1
46	19/9	S.S.B Problems (U.D.L & U.V.L)	1
47	21/9	over hanging beams	2
48	22/9	Problems	
		<b>UNIT-VI</b>	
50	23/9	Thick & thin cylinders	2
51	26/9	Hoop & longitudinal stress	1
52	27/9	Problems	1
53	28/9	Spherical shell-theory-1	2
54	29/9	Theory-2 problems	1
55	30/9	Thick cylinders-Derivation	1
56	1/10	Derivation continue & problem	1
57	3/10	Problems	1
58	4/10	Spherical shell-thick	2
59	4/10	problems	1
60		Practice	1
61		Unit test	1
62		Revision	1
63		Revision	1

TOTAL CLASSES: 78

AUTHOR'S



**PSCMR COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**KOTHAPETA, VIJAYAWADA – 520001**  
**DEPARTMENT OF CIVIL ENGINEERING**

**LESSON PLAN & LECTURE SCHEDULE FOR SA-II**

COURSE: III BTECH I<sup>st</sup> SEM

FACULTY NAME: S.NAGA BHARGAVI

BRANCH: CIVIL

ACADEMIC YEAR: 2015-2016

DATE OF COMMENCEMENT: 13/6/16

S.NO	DATE	TOPIC NAME	NO.OF PERIODS
<b>UNIT-I</b>			
1	13/6/16	Three hinged arches	1
2	15/6/16	Elastic theory of arches	1
3	16/6/16	Eddy's theorem	1
4	17/6/16	Determination of horizontal thrust and bending moment	1
5	18/6/16	Normal thrust and radial shear	1
6	20/6/16	Effect of temperature	1
7	22/6/16	Two hinged arches	1
8	23/6/16	Determination of horizontal thrust and bending moment	1
9	23/6/16	Normal thrust and radial shear	1
9	24/6/16	Rib shortening and effect of temperature	1
10	30/6/16	Tied arches and fixed arches	1
11	30/6/16	problems	2
<b>UNIT-II</b>			
12	4/7/16	Lateral load analysis using approximate methods	1
13	5/7/16	Portal method	3
14	7/7/16	Cantilever method	3
15	9-14/7/16	problem	6
<b>UNIT-III</b>			
16	16/7/16	Cables and suspension bridges	1
17	18/7/16	Characteristics of cable	1
18	19/7/16	Cables subjected to udl and point load	1
19	19/7/16	Anchor cable	1
20	20/7/16	Temperature stresses	1
21	21/7/16	Analysis of simple suspension bridge	1
22	22/7/16	Three hinged stiffening girder	2
23	23/7/16-30/7	Two hinged stiffening girder	8
24	3/8-5/8	problems	4
<b>UNIT-IV</b>			
25	9/9/16	Moment distribution method	3
26	11/9/16	Stiffness and carry over factors	1



27	12/9/16		
28	14/9/16	Continuous beam with sinking	1
29	15/9/16	Continuous beam without sinking	1
30	16/9/16	Portal frames	1
31	16/9/16	Including sway	1
32	16/9/16	Substitute frame analysis by two cycle	1
		<b>UNIT-V</b>	
33	18/9/16	Kani's method	2
34	19/9-20/9	Analysis of continuous beams	1
35	21/9	Settlement of supports	1
36	22/9	Single bay portal frames with out side sway	1
37	23/9	Single bay portal frames with side sway	1
38	23/9	problems	1
		<b>UNIT-VI</b>	
39	26/9 - 30/9	Introduction to matrix methos	5
40	1/10 - 6/10	Flexibility methods	6
41	7/10 - 9/10	Stiffness method	3

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## DEPARTMENT OF MECHANICAL ENGINEERING

### LESSON PLAN

**Academic Year : 2018-2019**

**Name of Faculty : A.V.A.R Durga Rao**

**Subject Code & Name : Metrology**

**Year & Semester : III-II**

**Regulation : R16**

**Date : 19-11-2018**

Unit No.	Topic	No. of Hours required		Delivery method BB / PPT / NPTEL / VIDEO	Scheduled date	Actual date	Review / Remarks
		Lecture	Tutorial				
I	<b>Systems of Limits and Fits:</b> Introduction, nominal size	2		BB	19/11/18&20/11/18		
	tolerance, limits, deviations, fits –Unilateral and bilateral tolerance system	4	1	BB, PPT	22-26		
	hole and shaft basis systems- Interchangeability	1		BB	27		
	deterministic & statistical tolerances, selective assembly	3		BB	28-30		
	International standard system of tolerances	2		BB	03/12-04/12		
	selection of limits and tolerances for correct functioning	1		BB	05/12-06/12		
	Problems on Tolerances	2	1	BB	07/12-08/12		
II	<b>Linear Measurement:</b> Length standards, end standards	2		BB	10/12/18&11/12/18		
	slip gauges- calibration of the slip gauges, dial indicators, micrometers.	3		PPT	12/12,13/12,14/12		
	<b>Measurement of Angles and Tapers:</b> Different methods – bevel protractor,	3	1	BB	15/12,17/12,18/12		
	angle slip gauges- angle dekkor,	2		BB	19/12,20/12		
	spirit levels- sine bar- sine table, rollers and spheres used to measure angles and tapers.	4	1	BB, PPT	21/12,22/12,24/12, 26/12/18		
	<b>Limit Gauges:</b> Taylor's principle – design of go and no go gauges	2		BB, PPT	27/12,28/12		
	plug, ring, snap, gap, taper, profile and position gauges	2		PPT	29/12,31/12		
III	<b>Optical Measuring Instruments:</b> Tools maker's	2		BB	01/01/2019,02/01		

	microscope and uses						
	autocollimators, optical projector, optical flats and their uses.	3		BB	03/01,04/01,05/01		
	<b>Interferometry:</b> Interference of light, Michelson's interferometer	3	1	PPT	07/01,08/01,09/01		
	NPL flatness interferometer, and NPL gauge interferometer.	2		PPT	24/01,25/01		
IV	<b>Surface Roughness Measurement:</b> Differences between surface roughness and surface waviness	2		PPT	28/01,29/01		
	Numerical assessment of surface finish-CLA, Rt., R.M.S. Rz, R10 values	3	1	BB, PPT	30/01,31/01,01/02/		
	Method of measurement of surface finish – Profilograph	2		BB	02/02,04/02		
	Talysurf, ISI symbols for indication of surface finish.	2		BB	05/02,06/02		
	<b>Comparators:</b> Types - mechanical, optical , electrical and electronic	3	1	BB	07/02,08/02,09/02		
	pneumatic comparators and their uses.	2		BB	11/02,12/02		
V	<b>Gear Measurement:</b> Nomenclature of gear tooth, tooth thickness measurement with gear tooth vernier	3	1	PPT	13/02,14/02,15/02		
	flange micro meter, pitch measurement, total composite error and tooth to tooth composite errors	2		PPT, BB	18/02,19/02		
	rolling gear tester, involute profile checking.	2		BB	20/02,22/02		
	<b>Screw Thread Measurement:</b> Elements of measurement – errors in screw threads	2		BB, PPT	25/02,26/02		
	concept of virtual effective diameter, measurement of effective diameter	3	1	PPT, VIDEO	01/03,02/03,04/03		
	angle of thread and thread pitch, and profile thread gauges.	3		BB	05/03,06/03,07/03		
VI	<b>Flatness Measurement:</b> Measurement of flatness of surfaces- instruments used- straight edges- surface plates – auto collimator.	4	2	BB, PPT	11/03,12/03,13/03, 14/03		
	<b>Machine Tool Alignment Tests:</b> Principles of machine tool alignment testing on lathe	3		BB, PPT	15/03,18/03,19/03		
	drilling and milling machines.	2		BB, PPT	20/03,21/03		





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## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **LESSON PLAN**

**Academic Year : 2018-19**

**Name of Faculty : CHANDRIKA.VALE**

**Subject Code & Name : POWER PLANT ENGINEERING**

**Year & Semester: IV-II**

**Regulation :R-13**

**Date :19/11/18**

Unit No.	Topic	No. of Hours required		Delivery method BB / PPT / NPTEL / VIDEO	Scheduled date	Actual date	Review / Remarks
		Lecture	Tutorial				
1	Introduction to source of energy, power development in India	1		BB	19/11/18		
	Steam power plant: Working of different circuits, fuel handling systems	2		BB	20/11/18 22/11/18		
	Types of coals, properties, coal storage	2		BB	23/11/18- 24/11/18		
	Ash handling system, dust collectors	3		BB	27/11/18- 29/11/18		
	Over feed and under feed fuel beds, Grate stokers	2		BB	1/12/18- 3/12/18		
	Travelling, spreader, retort stokers	3		BB	4/12/18- 6/12/18		
	Pulverized fuel burning systems	2		BB	7/12/18- 8/12/18		
	Draught system, cyclone furnace, corrosion and feed water	2		BB	10/12/18-		

	treatment				11/12/18		
	Cooling Towers	2		<b>BB</b>	12/12/18-13/12/18		
<b>2</b>	Diesel power plant layout, essential components with auxiliaries	1		<b>BB</b>	14/12/18		
	Fuel supply system	1		<b>BB</b>	15/12/18		
	Air starting equipment, air intake and exhaust system, super charging	1		<b>BB</b>	17/12/18		
	Gas Turbine plant classification	2		<b>BB</b>	18/12/18-19/12/18		
	Gas Turbine plant layout with auxiliaries	1		<b>BB</b>	20/12/18		
	Combined cycle power plants, advantages.	2		<b>BB</b>	22/12/18-24/12/18		
<b>3</b>	Hydro electric power plant: Hydrology, hydrological cycle(flow measurement)	2		<b>BB</b>	26/12/18-27/12/18		
	Hydrographs	2		<b>BB</b>	28/12/18-29/12/18		
	Classification of dams	3		<b>BB</b>	31/12/18-3/1/19		
	Classification of Spill ways	3		<b>BB</b>	4/1/19-7/1/19		
	Hydro plants-Classification	1		<b>BB</b>	8/1/19		
	Pumped storage plants	1		<b>BB</b>	9/1/19		
<b>4</b>	Breeding and fertile materials, Types of nuclear power plants, nuclear reactors, reactor operation	2		<b>BB</b>	22/1/19		
	Pressurized water reactor, boiling water reactor	2		<b>BB</b>	23/1/19-24/1/19		
	sodium-graphite reactor, fast breeder reactor	2		<b>BB</b>	25/1/19-28/1/19		
	Gas cooled reactor, radiation hazards and shielding	2		<b>BB</b>	29/1/19-30/1/19		
	radioactive waste disposal	2		<b>BB</b>	31/1/19-1/2/19		
<b>5</b>	Advantages of combined working of different power plants	2		<b>BB</b>	2/2/19-4/2/19		
	Load division between power stations	2		<b>BB</b>	5/2/19-		

					6/2/19		
	Storage type hydro-electric plant in combination with steam plant	1		<b>BB</b>	7/2/19		
	Run-of-river plant in combination with steam plant, pump storage plant in combination with steam or nuclear power plant	2		<b>BB</b>	8/2/19-9/2/19		
	Co-ordination of hydroelectric and gas turbine stations, co-ordination of hydro-electric and nuclear power stations	2		<b>BB</b>	11/2/19-12/2/19		
	Importance of measurement and instrumentation in power plant, measurement of water purity	2		<b>BB</b>	14/2/19-15/2/19		
	Gas analysis- O <sub>2</sub> and CO <sub>2</sub> measurements	2		<b>BB</b>	16/2/19-18/2/19		
	Measurement of smoke and dust, measurement of moisture in carbon dioxide circuit, nuclear measurements	2		<b>BB</b>	20/2/19-22/2/19		
<b>6</b>	Capital cost, investment of fixed charges, operating costs, connected load, maximum demand, demand factor, average load, load factor, diversity factor – related exercises	3		<b>BB</b>	23/2/19-27/2/19		
	General arrangement of power distribution, load curves, load duration curve	2		<b>BB</b>	28/2/19-1/3/19		
	Effluents from power plants and Impact on environment – pollutants and pollution standards – methods of pollution control.	2		<b>BB</b>	2/3/19-4/2/19		
	Total	71					



# PSCMR COLLEGE OF ENGINEERING & TECHNOLOGY

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Kottapeta, Vijayawada – 520001*

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **LESSON PLAN**

**Academic Year** : 2018-2019  
**Name of Faculty** : K.V.N.Girish Kumar  
**Subject Code & Name** : RT42032, GES

**Year & Semester:** IV-II  
**Regulation** : R13  
**Date** : 19-11-2018

Unit No.	Topic	No. of Hours required		Delivery method BB / PPT / NPTEL / VIDEO	Scheduled date	Actual date	Review / Remarks
		Lecture	Tutorial				
Unit 1	Role and potential of new and renewable sources,	1	1	BB	19-11-18		
	The solar energy option, Environmental impact of solar power,	1		BB	20-11-18		
	structure of the sun, the solar constant, sun-earth relationships,	1		BB	21-11-18		
	coordinate systems and coordinates of the sun, extraterrestrial and terrestrial solar radiation	1		BB	22-11-18		
	solar radiation on titled surface	1		BB	23-11-18		
	instruments for measuring solar radiation and sun shine	1		BB	24-11-18		
	Solar radiation data	1		BB	26-11-18		
	numerical problems. Photo voltaic energy conversion	1		BB	27-11-18		
	types of PV cells,I-V characteristics.	1		BB	28-11-18		
		1		BB	3-12-16		
		1		BB	4-12-18		
Unit 2	Flat plate and concentrating collectors,	1		BB	4-12-18		



	classification of concentrating collectors, orientation and thermal analysis, advanced collectors.	1		BB	5-12-18		
	Different methods, sensible, latent heat and stratified storage, solar ponds,	1		BB	6-12-18		
	solar applications- solar heating/cooling technique, solar distillation and drying, solar cookers	1		BB	8-12-18		
	<b>WIND ENERGY:</b> Sources and potentials, horizontal and vertical axis windmills,	1		BB	13-12-18		
	Flat plate and concentrating collectors,	1		BB	14-12-18		
	classification of concentrating collectors, orientation and thermal analysis, advanced collectors.	1		BB	16-12-18		
	Different methods, sensible, latent heat and stratified storage, solar ponds,	1		BB	17-12-18		
<b>Unit 3</b>	<b>BIO-MASS:</b> Principles of bio-conversion, anaerobic/aerobic digestion,	1		BB	20-12-18		
	gas yield, combustion characteristics of bio-gas, Utilization for cooking	1		BB	21-12-18		
	Bio fuels, I.C. engine operation and economic aspects.	1		BB	22-12-18		
	<b>GEOTHERMAL ENERGY:</b> Resources, types of wells Methods of harnessing the energy, potential in India.	1		BB	3-1-19		
	<b>OCEAN ENERGY:</b> OTEC, Principles of utilization setting of OTEC plants,	1		BB	4-1-19		
	Thermodynamic cycles. Tidal and wave energy:	1		BB	5-1-19		
	Potential and conversion techniques, Mini-hydel power plants and their economics.	1		BB	11-1-19		
<b>Unit 4</b>	<b>ENERGY EFFICIENT SYSTEMS: (A) ELECTRICAL SYSTEMS:</b> Energy efficient motors,	1		BB	24-1-19		
	energy efficient lighting and control,	1		BB	25-1-19		
	selection of luminaire, variable voltage variable frequency drives (adjustable speed drives),	1		BB	28-1-19		
	controls for HVAC (heating, ventilation and air conditioning),	1		BB	31-1-19		
	demand site management.	1		BB	1-2-19		
	<b>MECHANICAL SYSTEMS:</b> Fuel cells- principle,	1		BB	2-2-19		
	Thermodynamic aspects, selection of fuels	1		BB	4-2-19		

	working of various types of fuel cells,	1		BB	5-2-19		
	Environmental friendly and Energy efficient compressors and pumps.	1		BB	7-2-19		
Unit 5	<b>ENERGY EFFICIENT PROCESSES:</b> Environmental impact of the current manufacturing practices and systems,	1		BB	8-2-19		
	benefits of green manufacturing systems,	1		BB	9-2-19		
	selection of recyclable and environment friendly materials in manufacturing,	1		BB	11-2-19		
	design and implementation of efficient and sustainable green production systems with examples like environmental friendly machining,	1		BB	14-2-19		
	vegetable based cutting fluids,	1		BB	15-2-19		
	alternate casting and joining techniques,	1		BB	16-2-19		
	zero waste manufacturing.	1		BB	18-2-19		
Unit 6	<b>GREEN BUILDINGS:</b> Definition features and benefits.	1		BB	27-2-19		
	Sustainable site selection and planning of buildings for maximum comfort.	1		BB	8-3-19		
	Environmental friendly building materials like bamboo, timber, rammed earth, hollow blocks,	1		BB	9-3-19		
	lime & lime pozzolana cement,	1		BB	10-3-19		
	agro materials and industrial waste,	1		BB	11-3-19		
	Ferro cement and Ferro-concrete,	1		BB	14-3-19		
	alternate roofing systems,	1		BB	15-3-19		
	Paints to reduce heat gain of the buildings. Energy management.	1		BB	18-3-19		

PRINCIPAL  
Potti Srfamulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

PRINCIPAL



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---

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Circular**

Date: 19/06/2016

The following members has been nominated as PAC members.

- |                                   |   |   |
|-----------------------------------|---|---|
| 1. HOD OF Mechanical              | : | Dr. L. Suvarna Raju                         |
| 2. PROGRAM CO-ORDINATOR           | : | Mr.D.Prasad                                 |
| 3. OVERALL MODULE<br>CO-ORDINATOR | : | Mrs. N. V. Malavika                         |
| 4. INCHARGE OF PAC                | : | Mr. D. Prasad                               |
| 5. FACULTY                        | : | ALL THE FACULTY MEMBERS<br>OF ACADEMIC YEAR |

**Functions:** The committee is responsible for development of vision & mission statements of the department.

Meetings: Twice in a yea however it may be scheduled whenever it is necessary.

PRINCIPAL  
Potti Sridamulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

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---

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Circular**

Date:09/07/2017

The following faculty are newly elected as PAC Committee members.

- |   |   |   |
|---|---|---|
| 1. <b>HOD OF Mechanical</b>               | : | Dr. P. S. Srinivas                          |
| 2. <b>PROGRAM CO-ORDINATOR</b>            | : | Mr. D. Prasad                               |
| 3. <b>OVERALL MODULE<br/>CO-ORDINATOR</b> | : | Mrs. N. V. Malavika                         |
| 4. <b>INCHARGE OF PAC</b>                 | : | Mr. D. Prasad                               |
| 5. <b>FACULTY</b>                         | : | ALL THE FACULTY MEMBERS<br>OF ACADEMIC YEAR |

**Functions:** The committee is responsible for development of vision & mission statements of the department.

**Meetings:** Twice in a year however it may be scheduled whenever it is necessary.

**PRINCIPAL**  
Potti Srinamulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Circular**

Date: 03/06/2018

The following faculty are newly elected as PAC Committee members.

- |   |   |   |
|---|---|---|
| 1. <b>HOD OF Mechanical</b>               | : | Dr. P. S. Srinivas                          |
| 2. <b>PROGRAM CO-ORDINATOR</b>            | : | Mr. D. Prasad                               |
| 3. <b>OVERALL MODULE<br/>CO-ORDINATOR</b> | : | Mrs. N. V. Malavika                         |
| 4. <b>INCHARGE OF PAC</b>                 | : | Mr. D. Prasad                               |
| 5. <b>FACULTY</b>                         | : | ALL THE FACULTY MEMBERS<br>OF ACADEMIC YEAR |

**Functions:** The committee is responsible for development of vision & mission statements of the department.

**Meetings:** Twice in a year however it may be scheduled whenever it is necessary.

**PRINCIPAL**  
Potti Srinamulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

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**POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO**

**COLLEGE OF ENGINEERING & TECHNOLOGY**

Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada

Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906

D.No. 7-3-5/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.

Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Class / Branch / Sem: IV/CSE/II-A&B  
(NOV: 2018- MAR: 2019)

Subject: HCI

Academic Year: 2018 - 2019

Name of the Faculty : Mr.B. Hanumantha Rao

Page 1 of 14

Session Plan		Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
Lecture No.	Topic					
	UNIT-I Usability of Interactive Systems- introduction,			LCD/BB		
1.	Usability goals	19-Nov-18		LCD/BB		
2.	Usability goals	20-Nov-18		LCD/BB		
3.	Usability measures	22-Nov-18		LCD/BB		
4.	Usability motivations	23-Nov-18		LCD/BB		
5.	Universal usability	26-Nov-18		LCD/BB		
6.	Goals for our profession	27-Nov-18		LCD/BB		
7.	<b>Managing Design Processes:</b> Introduction,	28-Nov-18		LCD/BB		
8.	Organizational design to support usability	29-Nov-18		LCD/BB		
9.	Four pillars of design	30-Nov-18		LCD/BB		



**POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**

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D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.

Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Class / Branch / Sem: IV/CSE/II-A&B

Subject: HCI

Academic Year: 2018 - 2019

(NOV: 2018- MAR: 2019)

Name of the Faculty : Mr.B. Hanumantha Rao

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Lecture No.	Session Plan Topic	Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
10.	Development methodologies	3-Dec-18		LCD/BB		
11.	Ethnographic observation	4-Dec-18				
12.	Participatory design, Scenario Development	5-Dec-18		LCD/BB		
13.	Social impact statement for early design review	6-Dec-18		LCD/BB		
14.	Legal issues	7-Dec-18		LCD/BB		
15.	Usability Testing and Laboratories	10-Dec-18		LCD/BB		
16.	Tutorial-I	11-Dec-18		LCD/BB		
	<b>UNIT-2 Menu Selection, Form Fill-In and Dialog Boxes: Introduction,</b>			LCD/BB		
17.	Task- Related Menu Organization	12-Dec-18		LCD/BB		
18.	Single menus	13-Dec-18		LCD/BB		



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Class / Branch / Sem: IV/CSE/II-A&B      Subject: HCI      Academic Year: 2018 - 2019  
(NOV: 2018- MAR: 2019)      Name of the Faculty : Mr.B. Hanumantha Rao      Page 3 of 14

Session Plan		Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
Lecture No.	Topic					
19.	Combinations of Multiple Menus	14-Dec-18		LCD/BB		
20.	Content Organization,	17-Dec-18				
21.	Fast Movement Through Menus	18-Dec-18		LCD/BB		
22.	Data entry with Menus: Form Fill-in	19-Dec-18		LCD/BB		
23.	Dialog Boxes and alternatives	20-Dec-18		LCD/BB		
24.	Audio Menus	21-Dec-18		LCD/BB		
25.	Menus for Small Displays	24-Dec-18		LCD/BB		
26.	Tutorial-1	26-Dec-18		LCD/BB		



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Class / Branch / Sem: IV/CSE/II-A&B  
(NOV: 2018- MAR: 2019)

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Name of the Faculty : Mr. B. Hanumantha Rao

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Lecture No.	Session Plan	Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
	<b>Topic</b>					
	<b>UNIT-3 Command and Natural Languages:</b> Introduction,					
27.	Command organization Functionality	27-Dec-18		LCD/BB		
28.	Strategies and Structure	28-Dec-18		LCD/BB		
29.	Naming and Abbreviations	31-Dec-18		LCD/BB		
30.	Natural Language in Computing	2-Jan-19		LCD/BB		
31.	<b>Interaction Devices:</b> Introduction	3-Jan-19		LCD/BB		
32.	Keyboards and Keypads	4-Jan-19		LCD/BB		
33.	Pointing Devices	7-Jan-19		LCD/BB		
34.	Speech Interfaces	8-Jan-19		LCD/BB		





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Class / Branch / Sem: IV/CSE/II-A&B  
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Name of the Faculty: Mr.B. Hanumantha Rao

Academic Year: 2018 - 2019

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Lecture No.	Session Plan Topic	Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
35.	Auditory Interfaces	9-Jan-19		LCD/BB		
36.	Displays- Small and large	10-Jan-19				
37.	Tutorial	11-Jan-19		LCD/BB		
	<b>UNIT-4 Quality of Service: Introduction,</b>			LCD/BB		
38.	Models of Response	22-Jan-19		LCD/BB		
39.	Time impacts	23-Jan-19		LCD/BB		
40.	Expectations	24-Jan-19		LCD/BB		
41.	Attitudes	25-Jan-19				
42.	User Productivity	28-Jan-19		LCD/BB		
43.	Variability in Response Time	29-Jan-19		LCD/BB		





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Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscm.ac.in, www.pscmr.ac.in

Class / Branch / Sem: IV/CSE/II-A&B Subject: HCI  
(NOV: 2018- MAR: 2019) Name of the Faculty : Mr. B. Hanumantha Rao Academic Year: 2018 - 2019  
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Session Plan		Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
Lecture No.	Topic					
44.	Frustrating Experiences	30-Jan-19		LCD/BB		
45.	Balancing Function and Fashion: Introduction,	1-Feb-19		LCD/BB		
46.	Error Messages	4-Feb-19		LCD/BB		
47.	Error Messages	5-Feb-19		LCD/BB		
48.	Non anthropomorphic Design	6-Feb-19				
49.	Display Design	7-Feb-19		LCD/BB		
50.	Web Page Design,	8-Feb-19		LCD/BB		
51.	Window Design	11-Feb-19		LCD/BB		
52.	Color	13-Feb-19		LCD/BB		
53.	Tutorial	14-Feb-19		LCD/BB		



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(NOV: 2018- MAR: 2019)

Subject: HCI

Academic Year: 2018 - 2019

Name of the Faculty : Mr.B. Hanumantha Rao

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Lecture No.	Session Plan		Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
	Topic	Help: Introduction,					
	<b>UNIT-5 User Documentation and Online</b>						
54.	Online Vs Paper Documentation		15-Feb-19		LCD/BB		
55.	Reading from paper Vs from Displays		18-Feb-19		LCD/BB		
56.	Reading from paper Vs from Displays		19-Feb-19		LCD/BB		
57.	Shaping the content of the Documentation		20-Feb-19		LCD/BB		
58.	Accessing the Documentation,		21-Feb-19		LCD/BB		
59.	Online tutorials		22-Feb-19		LCD/BB		
60.	animated documentation		25-Feb-19		LCD/BB		
61.	Online communities for User Assistance		26-Feb-19		LCD/BB		
62.	Online communities for User Assistance		27-Feb-19		LCD/BB		



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(NOV: 2018- MAR: 2019)

Name of the Faculty : Mr.B. Hanumantha Rao

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Lecture No.	Session Plan Topic	Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
63.	The Development Process	28-Feb-19		LCD/BB		
64.	The Development Process	1-Mar-19		LCD/BB		
65.	Tutorial-1	5-Mar-19		LCD/BB		
66.	<b>UNIT-6 Information Search:</b> Introduction			LCD/BB		
67.	Searching in Textual Documents	6-Mar-19		LCD/BB		
68.	Database Querying	7-Mar-19		LCD/BB		
69.	Multimedia Document Searches	8-Mar-19		LCD/BB		
70.	Advanced Filtering	11-Mar-19		LCD/BB		
71.	Searching Interfaces	12-Mar-19		LCD/BB		
72.	<b>Information Visualization:</b> Introduction	13-Mar-19		LCD/BB		



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(NOV: 2018- MAR: 2019)

Subject: HCI

Academic Year: 2018 - 2019

Name of the Faculty : Mr.B. Hanumantha Rao

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Session Plan		Planned Date	Execution Date	Teaching Aids (LCD/BB)	Remarks* (EL/LL/A SMT/PL)	HOD's signature
Lecture No.	Topic					
73.	Data Type by Task Taxonomy	14-Mar-19		LCD/BB		
74.	Challenges for Information Visualization	15-Mar-19		LCD/BB		
75.	Tutorial	18-Mar-19		LCD/BB		
76.						
77.						
78.						
79.						
80.						
81.						
82.						





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Academic Year: 2018 - 2019  
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Name of the Faculty : Mr.B. Hanumantha Rao

S.No	UNIT AND Topics	CO	Course Outcomes
1	UNIT-1 Usability of Interactive Systems- introduction, usability goals and measures, usability motivations, universal usability, goals for our profession, <b>Managing Design Processes</b> : Introduction, Organizational design to support usability, Four pillars of design, development methodologies, Ethnographic observation, Participatory design, Scenario Development, Social impact statement for early design review, legal issues, Usability Testing and Laboratories.	CO1	Apply an interactive design process and universal design principles to designing HCI systems
2	UNIT-2 <b>Menu Selection, Form Fill-In and Dialog Boxes</b> : Introduction, Task- Related Menu Organization, Single menus, Combinations of Multiple Menus, Content Organization, Fast Movement Through Menus, Data entry with Menus: Form Fill-in, dialog Boxes, and alternatives, Audio Menus and menus for Small Displays	CO2	Discuss tasks and dialogs of relevant HCI systems based on task analysis and dialog design.
3	UNIT-3 <b>Command and Natural Languages</b> : Introduction, Command organization Functionality, Strategies and Structure, Naming and Abbreviations, Natural Language in Computing, <b>Interaction Devices</b> : Introduction, Keyboards and Keypads, Pointing Devices, Speech and Auditory Interfaces, Displays- Small and large.	CO3	Examine Interaction devices, command and natural languages
4	UNIT-4 <b>Quality of Service</b> : Introduction, Models of Response-Time impacts, Expectations and attitudes, User Productivity, Variability in Response Time, Frustrating Experiences, <b>Balancing Function and Fashion</b> : Introduction, Error Messages, Non anthropomorphic Design, Display Design, Web Page Design, Window Design, Color.	CO4	Describe and use HCI design principles, standards and guidelines.





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5	<b>UNIT-5 User Documentation and Online Help:</b> Introduction, Online Vs Paper Documentation, Reading from paper Vs from Displays, Shaping the content of the Documentation, Accessing the Documentation, Online tutorials and animated documentation, Online communities for User Assistance, The Development Process.	CO5	Build User documentation and help manual for UI applications
6	<b>UNIT-6 Information Search:</b> Introduction, Searching in Textual Documents and Database Querying, Multimedia Document Searches, Advanced Filtering and Searching Interfaces, <b>Information Visualization:</b> Introduction, Data Type by Task Taxonomy, Challenges for Information Visualization.	CO6	Explain How information searching and visualization are performed in UI applications.

**\*\*Extra Lecture (EL) / Loss of Lecture (LL) / Assignments (ASMT)/ Practical (PL)**

Summary:

Total lectures planned = Available lectures + Extra Lecture = (Assuming 13 full weeks, last instructional day is on 27 / 11/2017) =

Total lectures lost= {Unexpected Holidays + Official college work+ STTP} + Leave=

Total lectures conducted = Regular Hrs + Extra lectures =

Signature of the Faculty with Date

28/11/18

CSE-HOD

**POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO**  
**COLLEGE OF ENGINEERING & TECHNOLOGY, Vijayawada.**

Department of Computer Science and Engineering

**LECTURE SCHEDULE**

Academic Year: 2018-19

Subject Code & Name: DW/DM

Year and Sem: III/II

Programme : B.Tech

Name of the Faculty: ACHANDRAMOULI

Unit No.	Topic of syllabus to be covered	Course out comes	Teaching mode /BB/LCD/OHP	Hours Required		Expected date of completion (for each Unit By Faculty)	Review Remarks (By HOD)
				Lecture	Tutorial		
UNIT-I							
1.1	Introduction to Data Mining	Understands the need for datawarehouse and fundamentalconcepts of data mining with thedata applications	BB	1			
1.2	What is data Mining, Motivating challenges of data mining		BB	1			
1.3	What kind of data can be mined		BB	1			
1.4	Data Mining Functionalities—What Kinds of Patterns Can Be Mined		BB	2			
1.5	Which Kinds of Applications Are Targeted		BB	1			
1.6	Data objects and attribute types		BB	2			
1.7	Basic statistical description of data,data visualization		BB	1			
1.8	Major Issues in Data Mining.		BB	1			
1.9	Measuring data similarity and dissimilarity		BB	1(11)		3/12/18	
UNIT-II							
2.1	Data preprocessing	Identify the techniques of data preprocessing with the data objects and classes	BB	1			
2.2	Why Pre-process the Data? Descriptive Data Summarization		BB	2			
2.3	Data Cleaning, Data Integration		BB	1			
2.4	Data transformation and Data Reduction		BB	2			
2.5	Data Discretization and Concept Hierarchy Generation.		BB	2(8)		12/12/18	

		UNIT-III							
3.1	Classification basic concepts			BB	1				
3.2	General approach to solving a classification problem			BB	2				
3.3	Decision tree induction and building a decision tree			BB	2				
3.4	Measures of selecting the best split			BB	2				
3.5	Algorithm for decision tree induction		Explain the algorithm for decision tree and sampling techniques	BB	2(9)			26/12/18	
3.6	Methods for expressing attribute test conditions								
		UNIT-IV							
3.7	Classification of alternative techniques			BB/LCD	2				
3.8	Baye's theorem			BB	2				
3.9	Naive Bayesian classification			BB	2				
4.0	Bayesian belief networks		Discuss the method variables using bayes' s classification techniques.	BB	2(8)			11/2/19	
		UNIT-V							
5.1	Basic Concepts and Algorithms			BB	1				
5.2	Introduction, Frequent Item Set generation			BB	2				
5.3	Rule generation		Understand and design the algorithm with frequent item set	BB	2				
5.4	compact representation of frequent item sets			BB	2				
5.5	FP-Growth Algorithm.		generation and support count.	BB	2(9)			25/2/19	
		UNIT-VI							
6.1	What Is Cluster Analysis? Different Types of Clustering			BB	2				
6.2	Different Types of Clusters			BB	1				
6.3	K-means, The Basic K-means Algorithm, K-means: Additional Issues		Discuss the method variables using K-means and clustering	BB/LCD	1				
6.4	Bisecting K-means, K-means and Different Types of Clusters		Methods and to find interesting patterns and algorithms with clustering techniques	BB	2				
6.5	Strengths and Weaknesses, K-means as an Optimization Problem		using density based scanning algorithm.	BB	1				
6.6	Agglomerative Hierarchical Clustering			BB	1				

	Basic Agglomerative Hierarchical Clustering Algorithm						
6.7	Density: Center-Based Approach		BB	2			
6.8	The DBSCAN Algorithm, Strengths and Weaknesses		BB	2(12)		12/3/19	

\*\*\*\*\* TOTAL NO OF CLASSES :58\*\*\*\*\*

#### Text books :

1. Introduction to Data mining:Pang-Ning tan,Michael Steinbach,Vipin kumar,Pearson.
1. Datawarehousing and datamining — Jaiwei Han,Micheline Kamber,Elsevier.

#### References :

1. Introduction to data mining with case studies,second edition.
2. Data warehousing,data mining & OLAP,Alex Berson,Stephen J smith.

  
Signature of the Faculty



Signature of the HOD  
Date:





21514

**P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY**  
**KOTHAPETA, VIJAYAWADA - 520001.**  
**Department of Electronics & Communication Engineering**  
**COURSE FILE**

### Faculty Details:

Name of the Faculty : G VRAMANIAH  
Designation : Associate Professor  
Department : Electronics and Communication Engineering

### Course Details:

Name of the Programme: B.Tech  
Branch : ECE  
Title of the Subject : Linear IC Applications  
Subject Code : R1631042  
Regulation : R16

Academic Year : 2018-19  
Semester : I  
No. of Students : 71/71

S. No.	Contents	Check list	Remarks
1	JNTUK and modified Academic Calendar	✓	
2	JNTUK Syllabus Copy	✓	
3	Handout Copy	✓	
4	Class & Individual Time Tables	✓	
5	Lecture Notes (staff)	✓	
6	Student class notes (1 copy)		
7	Tutorial /Assignment scripts (Questions with solutions)	✓	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached	✓	
9	Bit bank questions	✓	



S. No.	Contents	Check list	Remarks
10	Course evaluation Process: i) Time table of Internal Exams from Exam cell. ii) Mid Question paper cum answer sheets (Xerox) with Scheme of Evaluation iii) Copies of Quiz, Mid, Assignment Marks Sheet	✓	MID PAPERS
11	Question Papers (Last 2 yrs)	✓	
12	Unit wise Question Bank	✓	
13	Gap Identification topics	✓	
14	Remedial classes with Proof (Attendance & notes)		
15	Proof of content beyond the syllabus	✓	
16	CO, PO & PSO List & CO-PO-PSO mapping with justifications.	✓	
17	Result Analysis of previous Sem / Year	✓	
18	Attendance Register	✓	

  
Signature of Faculty

  
Signature of Coordinator

  
Signature of HOD

  
**PRINCIPAL**  
Potti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Vijayawada, VIJAYAWADA-520 001



21/6/2016

### Committees –NBA activities

In order to constitute an administration system to organize and conduct all academic regulations for computer science and engineering program, the following committees have been constituted at the department level. w.e.f 21/6/2016.

- a) Program Assessment Committee (PAC)
- b) Department Advisory Board (DAB)
- c) Internal Quality Assurance cell (IQAC)
- d) Department Academic Council (DAC)

#### Composition of PAC:

- a) HOD
- b) Program Coordinator
- c) Faculty Representatives
- d) Student Representatives
- e) Management Member
- f) Two External members one from industry and other from premier Institute

#### Strategies of PAC:

- a) Monitors the assessment and attainments of COS & POS
- b) Evaluates program effectiveness and proposals necessary changes for continuous improvement
- c) Motivates the faculty and students into attending workshops, developing projects, working models, paper publications & research
- d) Meets at least once in 6 months to review the program and submit a report to DAB

#### Composition of DAB:

- a) HOD
- b) Program coordinator
- c) Senior faculty at associate level
- d) Industry representative
- e) Management representative
- f) Alumni representative

*E. Padmanabha*  
Program Coordinator

*A. V. S.*  
HOD





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Voice : 0866-2423442, 01737 77605 Fax : 0866-2423443 E-mail: principal@pccer.ac.in, www.pccer.ac.in

**Strategies of DAB:**

- Evaluates the report of DAC and monitors the progress of the program chaired by HOD
- Advises on current and future issues related to program
- Develops and recommends new or revised PEOs
- Meets at least once in a year to review the program

**Composition of IQAC:**

- HOD
- IQAC Coordinator
- Senior faculty members at Associates level
- Faculty representative
- Student representative

**Strategies of IQAC:**

- Monitors and evaluates the attainment of vision and mission of the institute, Pos, PEOs of the program, and Chaired by IQAC coordinator and proposes necessary changes for continuous improvement.
- Monitors assessments and Evolution methods.

**Composition of DAC:**

- Principal
- HOD
- Management representatives
- Industry Expert
- Nominee from university
- Alumni member
- Faculty members of the department

**Strategies of DAC:**

- Identity the gaps in the curriculum prescribed presented by university and communicate to the university BOS
- Communicates to the general Body on the proposals pertaining to academic affairs of the programme made by DAC.

*ey. padma*  
Program Coordinator

*[Signature]*  
HOD



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PAC has been at CSE dept level with the following members

**PAC lead Members:** Mrs.G.Padmaja

Mrs.Navya Sree

Mr.S.B.R.Prasad

IQAC has been at CSE dept level with the following members

**IQAC lead Members:** B.Srikanth

Mr.I.Murali Krishna

Mr.G.Rambabu.

*G. Padmaja*  
Program Coordinator

*[Signature]*  
HOD



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**Department of Computer Science & Engineering**

### PAC MEETING

Members Present: 19

DATE: 9/6/18

1. Dr.A.Pathanjali Sastri
2. Dr.Shaik Akbar.
3. Mrs.G.Padmaja
4. Mr.K.Sudhakar.
5. Mr.K.VenuGopal
6. Mr.T.Anand
7. Mr.V.S.R.K.Prasad.G
8. Mrs.V.NavyaSree
9. Mr.I.Murali Krishna
10. Mr.B.Sarath Chandra
11. Mr.B.HanumanthaRao
12. Mr.S.B.R.Prasad
13. Mr.A.Chandramouli
14. Mr.B.Srikanth Reddy
15. Mrs.Ch.B.V.Durga.
16. Mr.B. Rajesh
17. Mrs.M.Kalpana
18. Ms.O.Sravani
19. Ms.P.S.Silpa

**Members Absent : 3**

1. Mr.S.Krishna Kishore
2. Mrs.U.Tejaswini
3. Mrs.M.Deepika

The following points were discussed in the PAC meeting :

- Result analysis of IV year (2014-18) and comparison of the results with previous 2 academic years.
- Analysis of Placements, Higher studies, internships and entrepreneurship of IV year students (2014-18) with previous 2 academic years.
- Feedback analysis of II, III, IV year faculty.
- Analysis of Exit interviews.





**P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY**  
KOTHAPETA, VIJAYAWADA - 520001.  
Affiliated to JNTU Kakinada & Approved by AICTE New Delhi  
**Department of Computer Science & Engineering**

**Observations**

- Result Analysis: Results have been improved compared to the 2016-17 A.Y but decreased when compared to 15-16 A.Y
- Notable Improvement in Higher studies
- Shortfall in placements.
- Improvement in Entrepreneurship's
- Exit survey: Alumni Associations and canteen facilities improvement is required.
- Improvements required in industry institute interactions, results & placements.

*H. Padmanabha*  
PAC Coordinator

*AW*  
HOD

Grams: "TECHNOLOGY"  
Email: dapjntuk@gmail.com



Phone: 0884-2300991  
Mobile: +9177790000

**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. JNTUK/DAP/Aca.Cal/ IV B.Tech & B.Pharm/2018-19

Date: 24-05-2018

**Dr. Ch. Satyanarayana**  
M.Tech, Ph.D.,  
Director, Academic & Planning

To  
The Principals of All Affiliated Colleges,  
JNTUK, Kakinada

**ACADEMIC CALENDAR**  
for  
**B.TECH & B.PHARM IV YEAR**  
**2015 BATCH**

<b>B.TECH &amp; B.PHARM IV YEAR I Semester</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Weeks</b>
<b>Commencement of Class Work</b>	<b>11-06-2018</b>		
I Unit of Instructions	11-06-2018	04-08-2018	8W
I Mid Examinations	06-08-2018	11-08-2018	1W
II Unit of Instructions	13-08-2018	06-10-2018	8W
II Mid Examinations	08-10-2018	13-10-2018	1W
Preparation & Practicals	15-10-2018	20-10-2018	1W
End Examinations	22-10-2018	03-11-2018	2W
<b>Commencement of Class Work</b>	<b>19-11-2018</b>		
<b>B.TECH &amp; B.PHARM IV YEAR II Semester</b>			
I Unit of Instructions	19-11-2018	12-01-2019	8W
I Mid Examinations	17-01-2019	23-01-2019	1W
II Unit of Instructions	24-01-2019	23-03-2019	8W
II Mid Examinations	25-03-2019	30-03-2019	1W
Preparation & Practicals	01-04-2019	06-04-2019	1W
End Examinations	08-04-2019	20-04-2019	2W

  
Director Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor  
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Grams: "TECHNOLOGY"  
Email: dapjntuk@gmail.com



Phone: 0884-2300991  
Mobile: +9177790000

**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. JNTUK/DAP/Aca.Cal/B.Tech/B.Pharm-III Year/2017-18

Date: 07-06-2017

**Dr. Ch. Satyanarayana**  
M.Tech, Ph.D.,  
**Director, Academic & Planning**

To  
The Principals of All Affiliated Colleges,  
JNTUK, Kakinada

**ACADEMIC CALENDAR FOR**  
**B.TECH/ B.PHARM III YEAR**  
**2015 BATCH**

<b>B.TECH/ B.PHARM III YEAR I Semester</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Weeks</b>
<b>Commencement of Class Work</b>	<b>12-06-2017</b>		
I Unit of Instructions	12-06-2017	05-08-2017	8W
I Mid Examinations	07-08-2017	12-08-2017	1W
II Unit of Instruction	14-08-2017	07-10-2017	8W
II Mid Examinations	09-10-2017	14-10-2017	1W
Preparation & Practicals	16-10-2017	21-10-2017	1W
End Examinations	23-10-2017	04-11-2017	2W
<b>Commencement of Class Work</b>	<b>20-11-2017</b>		
<b>B.TECH/ B.PHARM III YEAR II Semester</b>			
<b>Commencement of Class Work</b>	<b>20-11-2017</b>		-
I Unit of Instructions	20-11-2017	13-01-2018	8W
I Mid Examinations	15-01-2018	20-01-2018	1W
II Unit of Instruction	22-01-2018	17-03-2018	8W
II Mid Examinations	19-03-2018	24-03-2018	1W
Preparation & Practicals	26-03-2018	31-03-2018	1W
End Examinations	02-04-2018	14-04-2018	2W
<b>Commence of Class work</b>	<b>11-06-2018</b>		

  
**Director, Academic and Planning**

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**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. JNTUK/DAP/Aca.Cal/ B.Tech/B.Pharm -II Year/2017-18

Date: 07-06-2017

**Dr. Ch. Satyanarayana**  
M.Tech, Ph.D.,  
Director, Academic & Planning

To  
The Principals of All Affiliated Colleges,  
JNTUK, Kakinada

**ACADEMIC CALENDAR FOR**  
**B.TECH/ B.PHARM II YEAR**  
**2016 BATCH**

<b>B.TECH/ B.PHARM II YEAR I Semester</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Weeks</b>
<b>Commencement of Class Work</b>	<b>12-06-2017</b>		
I Unit of Instructions	12-06-2017	05-08-2017	8W
I Mid Examinations	07-08-2017	12-08-2017	1W
II Unit of Instruction	14-08-2017	07-10-2017	8W
II Mid Examinations	09-10-2017	14-10-2017	1W
Preparation & Practicals	16-10-2017	21-10-2017	1W
End Examinations	23-10-2017	04-11-2017	2W
<b>Commencement of Class Work</b>	<b>20-11-2017</b>		
<b>B.TECH/ B.PHARM II YEAR II Semester</b>			
<b>Commencement of Class Work</b>	<b>20-11-2017</b>		-
I Unit of Instructions	20-11-2017	13-01-2018	8W
I Mid Examinations	15-01-2018	20-01-2018	1W
II Unit of Instruction	22-01-2018	17-03-2018	8W
II Mid Examinations	19-03-2018	24-03-2018	1W
Preparation & Practicals	26-03-2018	31-03-2018	1W
End Examinations	02-04-2018	14-04-2018	2W
<b>Commence of Class work</b>	<b>11-06-2018</b>		

  
Director, Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor  
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# P.S.C.M.R.COLLEGE OF ENGINEERING AND TECHNOLOGY

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Kothapeta, Vijayawada-520001 (A. P.)

## Department of Computer Science & Engineering

### Course File

Faculty Member : S. KRISHNA KISHORE

Academic Year : 2018-19 Year : 4 Semester : 1 Section: A & B

Course : Cryptography and Network Security.

Class work start Date: 11/06/2018 Last working day : 6/10/2018

S. No.	Content	Compliance
1.	Syllabus Copy	✓
2.	Time Table	✓
3.	Lesson Plan	✓
4.	Lecture Notes	✓
5.	Mid Exams Question Papers (with COs written for each question)	✓
6.	Question bank (from Previous External Exams & GATE Exams)	✓
7.	Assignment Questions	✓
8.	External Question Papers	✓
9.	Internal Marks Copy	✓
10.	External Results Copy	
11.	Class Register	✓
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken	✓
13.	Sample answer scripts of all internal exams	✓
14.	Sample of Evaluated Home Assignment	✓
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models	✓
16.	Scheme of Evaluation and Key	✓
17.	Course End Survey	

S. K. Krishna  
12/11/2018  
Faculty Member

✓

AM  
Head of the Department



2017-18



**P.S.C.M.R.COLLEGE OF ENGINEERING AND TECHNOLOGY**

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**Department of Computer Science & Engineering**

**Course File**

Faculty Member : *B. Srikanth Reddy*

Academic Year : *2017-18*

Year : *IV*

Semester : *II*

Section: *A+B*

Course : *HCI*

Class work start Date: *19/06/17*  
*22/11/2017*

Last working day : *29/07/18*

S. No.	Content	Compliance
1.	Syllabus Copy	<i>P</i>
2.	Time Table	<i>-</i>
3.	Lesson Plan	<i>-</i>
4.	Lecture Notes	<i>-</i>
5.	Mid Exams Question Papers (with COs written for each question)	<i>-</i>
6.	Question bank (from Previous External Exams & GATE Exams)	<i>P</i>
7.	Assignment Questions	<i>-</i>
8.	External Question Papers	<i>-</i>
9.	Internal Marks Copy	<i>-</i>
10.	External Results Copy	<i>P</i>
11.	Class Register	<i>-</i>
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken	<i>P.</i>
13.	Sample answer scripts of all internal exams	<i>MID-I P</i>
14.	Sample of Evaluated Home Assignment	<i>P</i>
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models	<i>-</i>
16.	Scheme of Evaluation and Key	<i>P</i>
17.	Course End Survey	<i>P</i>

*[Signature]*  
Faculty Member

*[Signature]*  
Head of the Department



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Kothapeta, Vijayawada-520001(A. P.)

**Department of Computer Science & Engineering**

**Course File**

Faculty Member : S. Murali Krishna

Academic Year : 2017-18

Year : VII

Semester : II

Section: 4 & 8

Course : DAA

Regulation: R13

Class work start Date: 20/11/17

Last working day : 17/3/18

S. No.	Content	Compliance
1.	Syllabus Copy	✓
2.	Time Table	✓
3.	Lesson Plan	✓
4.	Lecture Notes	✓
5.	Mid Exams Question Papers (with COs written for each question)	✓ MID-II P
6.	Question bank (from Previous External Exams & GATE Exams)	✓
7.	Assignment Questions	P
8.	External Question Papers	✓
9.	Internal Marks Copy	✓
10.	External Results Copy	P
11.	Class Register	✓
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken	P
13.	Sample answer scripts of all internal exams	✓
14.	Sample of Evaluated Home Assignment	✓
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models	-
16.	Scheme of Evaluation and Key	P
17.	Course End Survey	P

Faculty Member

Head of the Department



**P.S.C.M.R.COLLEGE OF ENGINEERING AND TECHNOLOGY**

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Kothapeta, Vijayawada-520001(A. P.)

**Department of Computer Science & Engineering**

**Course File**

Faculty Member : *CH.B.V. Durga*

Academic Year : *2017-18*

Year : *III*

Semester : *II*

Section: *CSE A4B*

Course

*Computer Networks*  
: *B.Tech*

Regulation: *R13*

Class work start Date: *20/11/2017*

Last working day : *17/3/2018*

S. No.	Content	Compliance
1.	Syllabus Copy	/
2.	Time Table	/
3.	Lesson Plan	/
4.	Lecture Notes	/
5.	Mid Exams Question Papers (with COs written for each question)	/
6.	Question bank (from Previous External Exams & GATE Exams)	/
7.	Assignment Questions	/
8.	External Question Papers	/
9.	Internal Marks Copy	/
10.	External Results Copy	✓
11.	Class Register	/
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken	✓
13.	Sample answer scripts of all internal exams	/
14.	Sample of Evaluated Home Assignment	/
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models	-
16.	Scheme of Evaluation and Key	/
17.	Course End Survey	

*Ch.B.V. Durga*  
Faculty Member

*AW*  
Head of the Department

*Head*  
Dept. of Computer Science & Engineering

**P.S.C.M.R.COLLEGE OF ENGINEERING AND TECHNOLOGY**

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Kothapeta, Vijayawada-520001 (A. P.)

**Department of Computer Science & Engineering**

**Course File**

Faculty Member : S.B.R. Phasad

Academic Year : 2017-18

Year : II Semester : II Section: CSE A&B

Course : Principles of programming Languages

Class work start Date: 20-11-2017

Last working day : 17-03-2018

S. No.	Content	Compliance
1.	Syllabus Copy	
2.	Time Table	/
3.	Lesson Plan	
4.	Lecture Notes	
5.	Mid Exams Question Papers (with COs written for each question)	/
6.	Question bank (from Previous External Exams & GATE Exams)	/
7.	Assignment Questions	
8.	External Question Papers	/
9.	Internal Marks Copy	/
10.	External Results Copy	/
11.	Class Register	
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken	/
13.	Sample answer scripts of all internal exams	
14.	Sample of Evaluated Home Assignment	/
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models	/
16.	Scheme of Evaluation and Key	
17.	Course End Survey	

Faculty Member

Head of the Department





## P.S.C.M.R.COLLEGE OF ENGINEERING AND TECHNOLOGY

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Kothapeta, Vijayawada-520001(A. P.)

### Department of Computer Science & Engineering

#### Course File

Faculty Member : *B. Srikanth Reddy*  
Academic Year : *2017-18* Year : *2* Semester : *II* Section: *3*  
Course : *SE*  
Class work start Date: *20/11/17* Last working day : *19/03/18*

S. No.	Content	Compliance
1.	Syllabus Copy	✓
2.	Time Table	✓
3.	Lesson Plan	✓
4.	Lecture Notes	✓
5.	Mid Exams Question Papers (with COs written for each question)	✓
6.	Question bank (from Previous External Exams & GATE Exams)	P
7.	Assignment Questions	✓
8.	External Question Papers	✓
9.	Internal Marks Copy	✓
10.	External Results Copy	P
11.	Class Register	✓
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken	P
13.	Sample answer scripts of all internal exams	MID-T P
14.	Sample of Evaluated Home Assignment	P
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models	✓
16.	Scheme of Evaluation and Key	✓
17.	Course End Survey	P

*[Signature]*  
Faculty Member

*[Signature]*  
Head of the Department



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Kothapeta, Vijayawada-520001 (A. P.)

**Department of Computer Science & Engineering**

**Course File**

Faculty Member : S. KRISHNA KISHORE

Academic Year : 2017-18 Year : 4 Semester : 1 Section: A & B

Course : B.Tech. - CNS.

Class work start Date: 19/06/2017 Last working day : 21/10/2017

S. No.	Content	Compliance
1.	Syllabus Copy ✓	✓
2.	Time Table ✓	✓
3.	Lesson Plan ✓	✓
4.	Lecture Notes ✓	✓
5.	Mid Exams Question Papers (with COs written for each question) ✓	✓
6.	Question bank (from Previous External Exams & GATE Exams) ✓	✓
7.	Assignment Questions ✓	✓
8.	External Question Papers ✓	✓
9.	Internal Marks Copy ✓	✓
10.	External Results Copy ✓	✓
11.	Class Register ✓	✓
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken ✓	✓
13.	Sample answer scripts of all internal exams ✓	✓
14.	Sample of Evaluated Home Assignment ✓	✓
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models ✓	✓
16.	Scheme of Evaluation and Key ✓	✓
17.	Course End Survey	✓

S. K. Kishore

Faculty Member

AM

Head of the Department



P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001.

Department of Computer Science and Engineering

### COURSE FILE

#### Faculty Details :

Name of the Faculty : B. Mohan Swaroop  
Designation : Assistant Professor  
Department : Electronics and Communication Engineering

#### Course Details :

Name of the Programme : Data Communication (CSE) Academic Year : 2017-18  
Branch : CSE Semester : 1<sup>st</sup>  
Title of the Subject : Data Communication  
Subject Code : RT31052 No. of Students : 116  
Regulation : R13

S. No.	Contents	Check list	Remarks
1	JNTUK Academic Calendar and modified Academic Calendar	✓	
2	JNTUK Syllabus Copy	✓	
3	Handout Copy	✓	
4	Individual Time Table		
5	Lecture Notes (staff)	✓	
6	Student class notes (2 copies)	✓	
7	Tutorial /Assignment scripts(Questions with solutions)	✓	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached	✓	
9	Bit bank questions	✓	
10	Any new topics or innovations introduced regarding subject.	✓	

S. No.	Contents	Check list	Remarks
11	Continuous evaluation Process: i) Time table of Internal Exams from Exam cell. ii) Question paper cum answer sheets iii) Scheme of Evaluation iv) Copies of Quiz, Mid, Assignment Marks Sheet	✓	
12	Unit wise Question bank	✓	
13	Question Papers (Last 2 yrs)	✓	
14	Gap/attainment/ /remedial classes	✓	
15	Proof of Remedial classes conducted	✓	
16	Proof of Content beyond the syllabus	✓	
17	CO, PO List and justifications & CO-PO mapping	✓	
18	Result Analysis of previous Sem / Year	✓	
19	Attendance Register	✓	

  
Signature of Faculty

  
Signature of Coordinator

  
Signature of HOD



**P.S.C.M.R.COLLEGE OF ENGINEERING AND TECHNOLOGY**

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**Department of Computer Science & Engineering**

**Course File**

Faculty Member : *CH.B.V.Durga*

Academic Year : *2017-18* Year : *II* Semester : *I* Section: *CSE 44B*

Course : *B.Tech* Regulation: *R16*

*DS through C++*

Class work start Date: *12/6/2017* Last working day : *7/10/2017*

S. No.	Content	Compliance
1.	Syllabus Copy	<i>/</i>
2.	Time Table	<i>/</i>
3.	Lesson Plan	
4.	Lecture Notes	<i>/</i>
5.	Mid Exams Question Papers (with COs written for each question)	<i>/</i>
6.	Question bank (from Previous External Exams& GATE Exams)	<i>/</i>
7.	Assignment Questions	<i>/</i>
8.	External Question Papers	<i>/</i>
9.	Internal Marks Copy	<i>/</i>
10.	External Results Copy	
11.	Class Register	<i>/</i>
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken	<i>/</i>
13.	Sample answer scripts of all internal exams	<i>/</i>
14.	Sample of Evaluated Home Assignment	<i>/</i>
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models	<i>-</i>
16.	Scheme of Evaluation and Key	<i>/</i>
17.	Course End Survey	<i>/</i>

*CH.B.V.Durga*  
Faculty Member

*Am*  
Head of the Department





P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001.  
Department of Computer Science and Engineering  
**COURSE FILE**

**Faculty Details :**

Name of the Faculty : G. Padmaja  
Designation : Associate Professor  
Department : CSE

**Course Details :**

Name of the Programme : IV B.Tech II Sem Academic Year : 2016-17  
Branch : CSE Semester : II  
Title of the Subject : Human Computer Interaction  
Subject Code : RY2052 No. of Students : 72  
Regulation : R13

S. No.	Contents	Check list	Remarks
1	JNTUK Academic Calendar and modified Academic Calendar	✓	
2	JNTUK Syllabus Copy	✓	
3	Handout Copy	✓	
4	Individual Time Table	✓	
5	Lecture Notes (staff) <u>Placed on 10.10.10.11/HCI</u>	✓	
6	Student class notes (2 copies)		
7	Tutorial /Assignment scripts(Questions with solutions)	✓	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached <u>Placed on 10.10.10.11/HCI</u>	✓	
9	Bit bank questions	✓	
10	Any new topics or innovations introduced regarding subject.	—	

S. No.	Contents	Check list	Remarks
11	Continuous evaluation Process: i) Time table of Internal Exams from Exam cell. ii) Question paper cum answer sheets iii) Scheme of Evaluation iv) Copies of Quiz, Mid, Assignment Marks Sheet	✓ ✓ ✓ ✓	
12	Unit wise Question bank	✓	
13	Question Papers (Last 2 yrs)	✓	
14	Gap/attainment/ /remedial classes	✓	
15	Proof of Remedial classes conducted	✓	
16	Proof of Content beyond the syllabus	—	
17	CO, PO List and justifications & CO-PO mapping	✓	
18	Result Analysis of previous Sem / Year	✓	
19	Attendance Register	✓	

*g. Padmaja*  
Signature of Faculty

*deef*  
Signature of Coordinator

*MA*  
Signature of HOD

SE B. Srikanth Reddy



P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001.

Department of Computer Science and Engineering

### COURSE FILE

#### Faculty Details :

Name of the Faculty : B. Srikanth Reddy  
Designation : Asst. Professor  
Department : CSE

#### Course Details :

Name of the Programme : B.Tech Academic Year : 2016-17  
Branch : CSE Semester : II-IT  
Title of the Subject : CE  
Subject Code : RT32051 No. of Students : 124  
Regulation : R13

S. No.	Contents	Check list	Remarks
1	JNTUK Academic Calendar and modified Academic Calendar	✓	
2	JNTUK Syllabus Copy	✓	
3	Handout Copy	✓	
4	Individual Time Table	✓	
5	Lecture Notes (staff)	✓	
6	Student class notes (2 copies)	✓	
7	Tutorial /Assignment scripts(Questions with solutions)	✓	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached	—	
9	Bit bank questions	✓	
10	Any new topics or innovations introduced regarding subject.	—	

S. No.	Contents	Check list	Remarks
11	Continuous evaluation Process: i) Time table of Internal Exams from Exam cell. ii) Question paper cum answer sheets iii) Scheme of Evaluation iv) Copies of Quiz, Mid, Assignment Marks Sheet	✓	
12	Unit wise Question bank	✓	
13	Question Papers (Last 2 yrs)	✓	
14	Gap/attainment/ /remedial classes	—	
15	Proof of Remedial classes conducted	—	
16	Proof of Content beyond the syllabus	—	
17	CO, PO List and justifications & CO-PO mapping	✓	
18	Result Analysis of previous Sem / Year	✓	
19	Attendance Register	✓	

Signature of Faculty

Signature of Coordinator

Signature of HOD





P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001.

Department of Computer Science and Engineering

COURSE FILE

Faculty Details :

Name of the Faculty : V. Navya Sree  
Designation : Asst. Prof.  
Department : CSE

Course Details :

Name of the Programme : B.tech Academic Year : 2016-17  
Branch : CSE Semester : II  
Title of the Subject : Java Programming  
Subject Code : RT22052 No. of Students : 116  
Regulation : R13

S. No.	Contents	Check list	Remarks
1	JNTUK Academic Calendar and modified Academic Calendar	✓	
2	JNTUK Syllabus Copy	✓	
3	Handout Copy	✓	
4	Individual Time Table	✓	
5	Lecture Notes (staff)	✓	
6	Student class notes (2 copies)	✓	
7	Tutorial /Assignment scripts(Questions with solutios)	✓	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached	-	
9	Bit bank questions	✓	
10	Any new topics or innovations introduced regarding subject.	-	

S. No.	Contents	Check list	Remarks
11	Continuous evaluation Process: i) Time table of Internal Exams from Exam cell. ii) Question paper cum answer sheets iii) Scheme of Evaluation iv) Copies of Quiz, Mid, Assignment Marks Sheet	✓	
12	Unit wise Question bank	✓	
13	Question Papers (Last 2 yrs)	✓	
14	Gap/attainment/ /remedial classes	✓	
15	Proof of Remedial classes conducted	-	
16	Proof of Content beyond the syllabus	-	
17	CO, PO List and justifications & CO-PO mapping	✓	
18	Result Analysis of previous Sem / Year	✓	
19	Attendance Register	✓	

  
Signature of Faculty

  
Signature of Coordinator

  
Signature of HOD

**P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY**  
**KOTHAPETA, VIJAYAWADA - 520001.**  
**Department of Computer Science & Engineering**  
**COURSE FILE**

**Faculty Details :**

Name of Faculty : J. Murali Krishna  
 Designation : Asst. professor  
 Department : CSE

**Course Details :-**

Name of the Programme : B.Tech Academic Year : 2016-17  
 Branch : CSE Semester : I  
 Title of the Subject : Data Structures  
 Subject Code : RT2108P No. of Students : 120

Sl.No.	Contents	Check list	Remarks
1.	Academic Calendar	✓	
2.	Syllabus Copy Given by JNTUK	✓	
3.	Lecture schedule	✓	
4.	Individual Time Table	✓	
5.	Handout Copy <u>Available in NBA drive</u>	✓	
6.	Teaching Notes	✓	
7.	Running Notes of Students (at least two copies)	✓	
8.	Tutorial /Assignment Sheets 1. With model Solutions 2. copies from students	✓	
9.	Any additional resources like OHP transparencies/PPT slides can be attached	—	
10.	Sample bits	✓	
11.	List of any new topic(s) or any innovation introduced in teaching the subject in this semester.	—	

Sl.No.	Contents	Check list	Remarks
12	Continuous evaluation procedures		
	i) Schedule of IE Tests(enclose copy of circular from exam branch)	✓	
	ii) Question paper cum answer sheet	✓	
	iii) Scheme of Evaluation	✓	
	iv) Quiz, Mid, Assignment Marks Sheet Copy	✓	
13.	Question bank unit wise	✓	
14.	Final Exam Question Papers(minimum 2 years)	✓	
15.	CO,PO & CO-PO mapping, attainment/gap/remedial classes	✓	
16.	Proof of Remedial classes conducted (if any)	✓	
17.	Register	✓	
18.	Proof of Content beyond the syllabus coverage (if any)	—	
19.	Result Analysis of previous Sem / Year	✓	

Signature of Faculty

Course File Coordinator

Signature of HOD

Principal



MEFA. M. Sridevi



P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001.  
Department of Computer Science and Engineering  
COURSE FILE

Faculty Details :

Name of the Faculty : M. SRIDEVI  
Designation : Asst. Prof  
Department : M. B. A

Course Details :

Name of the Programme : MEFA Academic Year : 2016-17  
Branch : CSE-A Semester : II B.Tech I Sem  
Title of the Subject : Managerial Economics & Financial Accounting  
Subject Code : RT21034 No. of Students : 59  
Regulation : R13

S. No.	Contents	Check list	Remarks
1	JNTUK Academic Calendar and modified Academic Calendar	✓	
2	JNTUK Syllabus Copy	✓	
3	Handout Copy	✓	
4	Individual Time Table	✓	
5	Lecture Notes (staff)	✓	
6	Student class notes (2 copies)	-	
7	Tutorial /Assignment scripts(Questions with solutions)	✓	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached	-	
9	Bit bank questions	✓	
10	Any new topics or innovations introduced regarding subject.	-	

S. No.	Contents	Check list	Remarks
11	Continuous evaluation Process: i) Time table of Internal Exams from Exam cell. ii) Question paper cum answer sheets iii) Scheme of Evaluation iv) Copies of Quiz, Mid, Assignment Marks Sheet	✓	
12	Unit wise Question bank	✓	
13	Question Papers (Last 2 yrs)	✓	
14	Gap/attainment/ /remedial classes	-	
15	Proof of Remedial classes conducted	-	
16	Proof of Content beyond the syllabus	-	
17	CO, PO List and justifications & CO-PO mapping	✓	
18	Result Analysis of previous Sem / Year	✓	
19	Attendance Register	✓	

M. Sidi  
Signature of Faculty

[Signature]  
Signature of Coordinator

[Signature]  
Signature of HOD



P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001.  
Department of Computer Science & Engineering  
COURSE FILE

Faculty Details :

Name of Faculty : S. Babu Rajendra Prasad  
Designation : Assistant professor  
Department : CSE

Course Details :

Name of the Programme : B.TECH Academic Year : 2016-17  
Branch : CSE Semester : 2  
Title of the Subject : principles of programming languages  
Subject Code : PT 31053 No. of Students : 124

Sl.No.	Contents	Check list	Remarks
1.	Academic Calendar		
2.	Syllabus Copy Given by JNTUK	✓	
3.	Lecture schedule	✓	
4	Individual Time Table	✓	
5	Handout Copy		
6	Teaching Notes	✓	
7	Running Notes of Students (at least two copies)	✓	
8	Tutorial /Assignment Sheets 1. With model Solutions 2. copies from students	✓	
9	Any additional resources like OHP transparencies/PPT slides can be attached	✓	
10	Sample bits	✓	
11	List of any new topic(s) or any innovation introduced in teaching the subject in this semester.	—	

Sl.No.	Contents	Check list	Remarks
12	Continuous evaluation procedures		
	i) Schedule of IE Tests(enclose copy of circular from exam branch)	✓	
	ii) Question paper cum answer sheet	✓	
	iii) Scheme of Evaluation	✓	
	iv) Quiz, Mid, Assignment Marks Sheet Copy	✓	
13.	Question bank unit wise	✓	
14.	Final Exam Question Papers(minimum 2 years)		
15.	CO,PO & CO-PO mapping, attainment/gap/remedial classes	✓	
16.	Proof of Remedial classes conducted (if any)	✓	
17.	Register	✓	
18.	Proof of Content beyond the syllabus coverage (if any)	✓	
19.	Result Analysis of previous Sem / Year		

Signature of Faculty

Course File Coordinator

Signature of HOD

Principal





P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001.

Department of Computer Science & Engineering

COURSE FILE

Faculty Details :

Name of Faculty : B. SARATH CHANDRA  
Designation : Assistant Professor  
Department : CSE

Course Details :

Name of the Programme : U.D.Tech(R13) Academic Year : 2016-2017  
Branch : CSE Semester : II  
Name of the Subject : Mobile Computing  
Subject Code : RTH1053 No. of Students : 72

Sl.No.	Contents	Check list	Remarks
1.	Academic Calendar	✓	
2.	Syllabus Copy Given by JNTUK	✓	
3.	Lecture schedule	✓	
4.	Individual Time Table	✓	
5.	Handout Copy	✓	
6.	Teaching Notes	✓	
7.	Running Notes of Students (at least two copies)	✓	
8.	Tutorial /Assignment Sheets 1. With model Solutions 2. copies from students	Pending	
9.	Any additional resources like OHP transparencies/PPT slides can be attached	✓	
10.	Sample bits	✓	
11.	List of any new topic(s) or any innovation introduced in teaching the subject in this semester.	✓	

Sl.No.	Contents	Check list	Remarks
12	Continuous evaluation procedures		
	i) Schedule of IE Tests(enclose copy of circular from exam branch)	✓	
	ii) Question paper cum answer sheet	✓	
	iii) Scheme of Evaluation	✓	
	iv) Quiz, Mid, Assignment Marks Sheet Copy	✓	
13.	Question bank unit wise	✓	
14.	Final Exam Question Papers(minimum 2 years)	✓	
15.	CO,PO & CO-PO mapping, attainment/gap/remedial classes	✓	
16.	Proof of Remedial classes conducted (if any)	✓	
17.	Register	✓	
18.	Proof of Content beyond the syllabus coverage (if any)	✓	
19.	Result Analysis of previous Sem / Year	✓	

*B. Sathya Chandan*  
Signature of Faculty

*Asf*  
Course File Coordinator

*[Signature]*  
Signature of HOD

*[Signature]*  
Principal

Grams: "TECHNOLOGY"  
Email: dapjntuk@gmail.com



Phone: 0884-2300991  
Mobile: +91 9618522555

**Directorate of Academics & Planning**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA-533003, Andhra Pradesh, INDIA**

Lr. No. JNTUK/DAP/Aca.Cal/B.Tech/II Year/2016-17


Date. 12-05-2016

**Prof. K. Padma Raju**  
**B.Tech, M.Tech, Ph.D.**  
**Professor of Electronics and Communication Engineering &**  
**Director, Academics & Planning**

**To**  
**The Principals of Affiliated Colleges,**  
**JNTUK, Kakinada**

**ACADEMIC CALENDAR FOR B.TECH 2015 BATCH**

<b>B.TECH II YEAR I Semester</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Weeks</b>
<b>Commencement of Class Work</b>	<b>13-06-2016</b>		
I Unit of Instructions	13-06-2016	06-08-2016	8W
I Mid Examinations	08-08-2016	13-08-2016	1W
II Unit of Instruction	16-08-2016	08-10-2016	8W
II Mid Examinations	10-10-2016	15-10-2016	1W
Preparation & Practicals	17-10-2016	22-10-2016	1W
End Examinations	24-10-2016	05-11-2016	2W
<b>Commencement of Class Work</b>	<b>21-11-2016</b>		
<b>B.TECH II YEAR II Semester</b>			
<b>Commencement of Class Work</b>	<b>21-11-2016</b>		
I Unit of Instructions	21-11-2016	14-01-2017	8W
I Mid Examinations	16-01-2017	21-01-2017	1W
II Unit of Instruction	23-01-2017	18-03-2017	8W
II Mid Examinations	20-03-2017	25-03-2017	1W
Preparation & Practicals	27-03-2017	01-04-2017	1W
End Examinations	03-04-2017	15-04-2017	2W
<b>Commencement of Class Work</b>	<b>12-06-2017</b>		

  
**Director Academics and Planning**  
**JNTUK Kakinada**

Copy to the Secretary to the Hon'ble Vice Chancellor  
Copy to the Rector  
Copy to the Registrar  
Copy to the Director of Evaluation  
Copy to Director Institute of Science and Technology  
Copy to all Directors  
Copy to Principals of University Colleges of Kakinada and Vizianagaram  
Copy to Controller of Examinations, JNTUK and ACEs, JNTUK  
Copy to Principals of all Affiliated Colleges of JNTUK Kakinada.





P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001.  
Department of Electrical and Electronics Engineering  
COURSE FILE

Faculty Details :

Name of the Faculty : Soipallavi A  
Designation : Asst prof  
Department : Electrical & Electronics Engineering

Course Details :

Name of the Programme : B.Tech Academic Year : 2018-19  
Branch : EEE Semester : II - I sem.  
Title of the Subject : Instrumentation  
Subject Code : EE41025 No. of Students : 73  
Regulation : R13

S. No.	Contents	Check list	Remarks
1	JNTUK Academic Calendar and modified Academic Calendar	✓	
2	JNTUK Syllabus Copy	✓	
3	Lecture Schedule	✓	
4	Individual Time Table	✓	
5	Lecture Notes (staff)	✓	
6	Student class notes (2 copies)	x	
7	Tutorial /Assignment scripts(copies from students)	✓	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached	✓	
9	Bit bank questions	✓	



S. No.	Contents	Check list	Remarks
10	Continuous evaluation Process: i) Time table of Internal Exams from Exam cell. ii) Question paper cum answer sheets iii) Scheme of Evaluation iv) Copies of Quiz, Mid, Assignment Marks Sheet	✓ ✓ ✓ ✓	
11	Unit wise Question bank	✓	
12	Final Exam Question Papers (Last 2 yrs)	✓	
13	CO, PO List and justifications & CO-PO mapping	✓	
14	Result Analysis of previous Sem / Year	✓	
15	Attendance Register	✓	

Saipallavi A.  
Signature of Faculty

Saipallavi A.  
Signature of Coordinator

N. S. Rao  
Signature of HOD

K. S. Rao  
PRINCIPAL  
Potti Srinamulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

# POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY

## LESSON PLAN

Academic Year : 2018-19  
 Year & Semester : IV & I  
 Branch : EEE  
 Subject Code & Name : INSTRUMENTATION (OPEN ELECTIVE)  
 Name of Faculty : SAI PALLAVI.A

Unit No.	Topic of syllabus to be covered	Learning Outcome	Teaching Mode BB/ LCD/ OHP.	Hours Required		Total no. of Hours (Cumulative)	Expected date of Completion (for each Unit) By HOD	Review/ Remarks (By HOD)
				Lecture	Tutorial			
1	Measuring Systems	Learning about measuring systems	BB	1		1	11/6/2018	
1	Performance Characteristics, - Static characteristics, Dynamic Characteristics	Knowing different Performance Characteristics	BB	2		3		
1	Errors in Measurement – Gross Errors, Systematic Errors, Statistical Analysis of Random Errors.	Knowing different Errors in Measurement	BB	3	1	7	log due to question day	
1	Signal and their representation: Standard Test, periodic, aperiodic	Understanding Signal and their representation	BB	1		8	CRD class	
1	modulated signal	Learning about modulated signal	BB	2		10		
1	sampled data	Learning about sampled data	BB	1	1	12		
1	pulse modulation and pulse code modulation	Understanding concept of different modulations	BB	2	1	15	26/6/2018	
2	Definition of transducers, Classification of transducers, Advantages of Electrical transducers, Characteristics and choice of transducers	Learning about different transducers	BB	2		17	27/6/2018	
2	Principle operation of resistor, inductor, LVDT and capacitor transducers; LVDT Applications	Knowing principle of operation of different components	BB	2	1	20	4/7/2018	
2	Strain gauge and its principle of operation, gauge factor, Thermistors,	Knowing about principle & operation of strain gauges	BB	2		22		





6	Heterodyne, Application of Wave analyzers	Learning Application of Wave analyzers	BB	2			59		
6	Harmonic Analyzers, Total Harmonic distortion	Understanding the concepts of TDS	BB	1			61		
6	spectrum analyzers, Basic spectrum analyzers, spectral displays	Learning about spectrum analyzers	BB	2	1		63		
6	vector impedance meter, Q meter. Peak reading and RMS voltmeters	Knowing about different instrumental meters	BB	2	1		69	6/10/2018	

Legend: Teaching Mode

BB: Black Board / LCD: Power Point Presentation / OHP: Over Head Projector

Signature of the Faculty

Signature of the HOD  
Date:

COMMENTS OF THE HOD ON COMPLETION OF SYLLABUS:

PRINCIPAL  
Potti Srimulu Chalapudi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001





**P. S. C. M. R. COLLEGE OF ENGINEERING &  
TECHNOLOGY Kothapet, VIJAYAWADA - 520001.**  
**(Affiliated to JNTUK, Kakinada & Approved by AICTE New  
Delhi) Department of Electronics and Communication  
Engineering**

**LECTURE SCHEDULE**

**Academic Year: 2018-19**

**Year & Semester: II B. Tech II Sem R16**

**Programme: ECE**

**Subject Code & Name: PULSE AND DIGITAL CIRCUITS**

**Name of Faculty: K.**

**Sundar Srinivas**

Unit No.	Topic of syllabus to be covered	Learning Outcomes	Teaching Mode BB/ LCD/ OHP.	Hours Required		Total no. of Hours (Cumulative)	Expected date of Completion (for each Unit) By Faculty	Review Remarks (By HoD)
				Lecture	Tutorial			
1	High pass RC circuit introduction, High pass RC circuit for sinusoidal input	The student will be able to design various linear wave shaping circuits.	BB	1		1		
	High pass. RC circuit for step and pulse inputs		BB	1		2		
	High pass RC circuit for square wave input		BB	1		3		
	High pass RC circuit for ramp input		BB	1		4		
	High pass RC network as differentiator		BB	1		5		

	problems		BB	3		8		
	Low pass RC circuit introduction and Low pass RC circuit for sinusoidal input		BB	1		9		
	Low pass. RC circuit for step and pulse inputs		BB	1		10		
	Low pass RC circuit for square wave input		BB	1		11		
	Low pass RC circuit for ramp input		BB	1		12		
	RC network as integrator attenuators		BB	1		13		
	RC network applications in CRO probe		BB	1		14		
	Diode as a switch, Piece wise linear diode characteristics, Transistor as a switch Break down voltage consideration of transistor		BB	1		15		
	Saturation parameters of transistor and their variation with temperature		BB	1		16		
	Design of transistor switch, Transistor switching times Problems on transistor designing		BB	1		17		
	problems		BB	4		21	8-12-2018	
2	non-linear wave shaping -Diodes clippers	The student will be able to design various non-linear wave shaping circuits.	BB	1		22		
	transistor clippers , Clipping at two independent levels		BB	1		23		
	transfer characteristics of clippers		BB	1		24		
	Emitter coupled clipper, comparators, applications of voltage comparators		LBB	1		25		
	Clamping operations using diodes with different inputs		BB	2		27		

	Clamping circuit theorem, practical clamping circuits		BB	2		29		
	Effect of diode characteristics on clamping voltage		BB	2		31		
	Transfer characteristics of clampers		BB	2		33		
	problems		BB	2		35	22-12-2018	
3     4	Diode as a switch, piecewise linear diode characteristics, Design and analysis of Transistor as a switch,	The student will be able to Switching Characteristics of diode and transistor and design different multivibrators.	BB	2		37		
	Break down voltage consideration of transistor, saturation parameters of Transistor and their variation with temperature, Design of transistor switch, transistor-switching times.		BB	1		38		
	Analysis and Design of Fixed Bias, Self Bias Bistable Multi Vibrator Collector catching Diodes, Commutating Capacitors		BB	2		40		
	Emitter Coupled Bistable Multi Vibrator (Schmitt trigger).	The student will be able to apply the fundamental concepts of wave shaping for various switching circuits and also realize various logic gates using different techniques.	BB	1		41	12-01-2019	
	Analysis and Design of Collector Coupled Monostable Multi Vibrator		BB	1		42		
	Triggering method of a Monostable Multi Vibrator		BB	1		43		
	Application of Monostable Multi Vibrator as a Voltage to Time Converter		BB	1		44		
	Analysis and Design of Collector Coupled Astable Multi vibrator		BB	3		47		

	Application of Astable Multi Vibrator as a Voltage to Frequency Converter.		BB	1		48	<u>16-02-2019</u>	
5	General features of a time base signal	The student will be able to design different time base generators.	BB	1		49		
	methods of generating time base waveform		BB	2		51		
	basic principle of Miller time base generator		BB	1		52		
	basic principle of Bootstrap time base generator		BB	1		53		
	Transistor miller time base generator,		BB	1		54		
	Transistor Bootstrap time base generator		BB	1		55		
	problems		BB	3		58	2-03-2019	
6	Realization of Logic Gates using DTL and TTL logic circuits	The student will be able to understand the principle of logic gates and learn about sampling gates	BB	1		59		
	Realization of Logic Gates ECL		BB	1		60		
	RTL. CMOS GATES TTL		BB	1		61		
	CMOS logic circuits		BB	1		62		
	Comparison of logic families.		BB	1		63		
	Basic operating principles of sampling gates		BB	1		64		
	Unidirectional and Bidirectional sampling gates		BB	1		65		
	Reduction of pedestal in gate circuits		BB	2		67		
	Applications of sampling gates.		BB	3		70	<u>23-3-2019</u>	

**Legend:** Teaching Mode



**BB:** Black Board / **LCD:** Power Point Presentation /

**OHP:** Over Head Projector



PRINCIPAL

**PRINCIPAL**  
Potti Sriramulu Chalapathi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 002

COMMENTS OF THE HoD ON COMPLETION OF SYLLABUS:

--



# **POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO**

## **COLLEGE OF ENGINEERING & TECHNOLOGY**

Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada

Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906

D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.

Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

### **HANDOUTS FOR PDC**

<b>Faculty Name: K SUNDAR SRINIVAS</b>	<b>Designation: Associate Professor</b>	<b>Dept.: ECE</b>
<b>Semester: II</b>	<b>Branch: ECE</b>	<b>Class: II B.Tech</b>
<b>Subject: PDC</b>	<b>Regulation: R16</b>	<b>Academic Year: 2018-19</b>

#### **1. (a) Course Description**

This is the basic course for electronic engineers to understand the behavior of active and passive devices and circuit configurations used for the generation and processing of pulse, digital and switching waveforms. These non-sinusoidal signals find extensive application in fields such as computers, control systems, counting and timing systems, data-processing systems, digital instrumentation, pulse communication, radar, telemetry, television and in many areas of experimental research.

#### **(b) Scope and Objective of the course**

**Scope of the course:** By studying this course students can understand better the courses in their future semesters such as control systems, IC Applications and Microprocessor and Microcontrollers.

#### **Objective of the course:**

The students will

1. Understand the linear wave shaping circuits.
2. Analyze non linear wave shaping circuits.
3. Learn switching characteristics of diode and transistor and Realize logic gates using diodes and transistors.
4. Analyze multivibrators, Schmitt trigger circuits using transistors.
5. Learn various time base generators including Miller and Bootstrap etc.
6. Understand synchronization techniques and sweep circuits and sampling gates.

#### **2. Prescribed text books and reference books:**

##### **TEXT BOOKS:**

1. Pulse, Digital and Switching Waveforms - J. Millman and H. Taub, McGraw-Hill, 1991.
2. Solid State Pulse circuits - David A. Bell, PHI, 4th Edn., 2002 .

##### **REFERENCES:**

1. Pulse and Digital Circuits – A. Anand Kumar, PHI, 2005.
2. Wave Generation and Shaping - L. Strauss.

### 3. Pulse, Digital Circuits and Computer Fundamentals - R.Venkataraman.

#### 3. URL's, Citations suggested

1. [en.wikipedia.org/wiki/Digital\\_electronics](http://en.wikipedia.org/wiki/Digital_electronics)
2. [www.modernelectronics.org](http://www.modernelectronics.org)
3. [www.electronicsforyou.com](http://www.electronicsforyou.com)
4. [www.npteliitm.ac.in](http://www.npteliitm.ac.in)

#### 4. LESSION PLAN:

LEC. Hrs	LEARNING OBJECTIVES (UNIT WISE)	TOPICS TO BE COVERED	REFERENCES
1-17	Understand the linear wave shaping circuits.	High pass, low pass RC circuits, their response for sinusoidal, step, pulse, square and ramp inputs. RC network as differentiator and integrator, attenuators, its applications in CRO probe, RL and RLC circuits and their response for step input, Ringing circuit.	Ch.2 of T1
18-27	Analyze non linear wave shaping circuits.	Diode clippers, Transistor clippers, clipping at two independent levels, Transfer characteristics of clippers, Emitter coupled clipper, comparators, applications of voltage comparators, clamping operation, clamping circuits using diode with different inputs, Clamping circuit theorem, practical clamping circuits, effect of diode characteristics on clamping voltage, Transfer characteristics of clampers.	Ch.5 & 6 of T1
28-38	Learn switching characteristics of diode and transistor and Analyze Multivibrators	Diode as a switch, piecewise linear diode characteristics, Transistor as a switch, Break down voltage consideration of transistor, saturation parameters of Transistor and their variation with temperature, Design of transistor switch, transistor switching times. Analysis And Design of Fixed Bias, Self Bias Bistable MultiVibrator, Collector Catching Diodes, Commutating Capacitors, Triggering of Binary Circuits, Emitter Coupled Bistable Multivibrator (Schmitt Trigger).	Ch.4, 18 & 7 of T1
39-51	Analyze Multivibrators, Schmitt trigger circuits using transistors.	Analysis and Design of Collector Coupled Monostable Multi Vibrator, Triggering method of a Monostable Multi Vibrator, Application of Monostable Multi Vibrator as a Voltage to Time Converter. Analysis and Design of Collector Coupled Astable Multi vibrator, Application of Astable Multi Vibrator as a Voltage to Frequency Converter. All circuits are transistor version.	Ch.8 & 9 of T1
52-60	Learn various time base generators including Miller	General features of a time base signal,	Ch.12 of T1

	and Bootstrap etc.	methods of generating time base waveform, Miller and Bootstrap time base generators – basic principles, Transistor miller time base generator, Transistor Bootstrap time base generator.	
<b>61-70</b>	Realize logic gates using diodes and transistors and sweep circuits and sampling gates.	<b>LOGIC FAMILIES:</b> Diode Logic, Transistor Logic, Diode-Transistor Logic, Transistor-Transistor Logic, Emitter Coupled Logic, AOI Logic, Comparison of Logic Families. Basic operating principles of sampling gates, Unidirectional and Bidirectional sampling gates, Reduction of pedestal in gate circuits, Applications of sampling gates.	Ch.17 & 15 of T1

### **5. Consulting Hours with teacher for clearing the doubts of student:**

Monday to Saturday 4pm - 5pm.

### **6.Tutorials: Tutorials will be conducted to discuss,**

- 1) Topics covered in previous classes
- 2) University question papers
- 3) Solving exercises

### **7. Seminar Topics:**

1. Response of high pass RC circuit for square wave input
2. Different types of clippers
3. Transistor as switch
4. Schmitt Triggers
5. Current time base generator
6. Bidirectional diode sampling gate





**PSCMR COLLEGE OF ENGINEERING AND TECHNOLOGY**  
*APPROVED BY AICTE, NEW DELHI; AFFILIATED TO JNTU, KAKINADA*  
Kothapeta, Vijayawada-520001 (A. P.)

---

**Department of Civil Engineering**

**Circular**

Date:18/9/2015

**The following members has been nominated as PAC members.**

Co-Ordinator: Mr.T.Srinivasa Rao

Member: N.Veeranjaneyulu

Member: Y.Laxmi Veena

Functions: The committee is responsible for development of vision & mission statements of the department.

Meetings: Twice in a year however it may be scheduled whenever it is necessary.

HOD CIVIL DEPT.  
Potti Srinamulu Chalapudi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapeta, VIJAYAWADA-520 001

Copy to:

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2. To be displayed in Notice Boards.



**PSCMR COLLEGE OF ENGINEERING AND TECHNOLOGY**  
*APPROVED BY AICTE, NEW DELHI; AFFILIATED TO JNTU, KAKINADA*  
Kothapeta, Vijayawada-520001 (A. P.)

---

**Department of Civil Engineering**

**Circular**

Date:8/1/2017

The following faculty are newly elected as PAC Committee members.

Co-Ordinator: Mr.M.Sudhakar

Member: T.S.V.Durga

Member: U.Krishna Sai Nath

Member: P.Vinay

Functions: The committee is responsible for development of vision & mission statements of the department.

Meetings: Twice in a year however it may be scheduled whenever it is necessary.

HOD CIVIL DEPT.

Potti Sriramulu Chalapathi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapeta, VIJAYAWADA-520 001

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Kothapeta, Vijayawada-520001 (A. P.)

---

**Department of Civil Engineering**

**Circular**

Date:12/6/2018

The following faculty are newly elected as PAC Committee members.

Co-Ordinator: S.Snigdha

Member: M.Sudhakar

Member: K.Prudhvi

Member: U.Krishna Sai Nath

Member: P.Vinay

Functions: The committee is responsible for development of vision & mission statements of the department.

Meetings: Twice in a year however it may be scheduled whenever it is necessary.

HOD CIVIL DEPT.  
Potti Sriramulu Chalapudi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapeta, VIJAYAWADA-520 001

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# P.S.C.M.R.COLLEGE OF ENGINEERING AND TECHNOLOGY

APPROVED BY AICTE, NEW DELHI; AFFILIATED TO JNTU, KAKINADA

Kothapeta, Vijayawada-520001 (A. P.)

Department of Management Studies

## Course File

Faculty Member : G. Pavan Kumar

Academic Year : 2017-18

Year : II Semester : IV

Section: A, B, C

Course : PDM

Class work start Date: 20/11/2017

Last working day : 17/03/2019

S. No.	Content	Compliance
1.	Syllabus Copy	✓
2.	Time Table	✓
3.	Lesson Plan	✓
4.	Lecture Notes	✓
5.	Mid Exams Question Papers (with COs written for each question)	✓
6.	Question bank (from Previous External Exams & GATE Exams)	
7.	Assignment Questions	✓ Submitt ✓
8.	External Question Papers	✓
9.	Internal Marks Copy	✓
10.	External Results Copy	✓
11.	Class Register	✓
12.	Micro Analysis of Results (CO, PO Attainment) Comments on Attainment and action taken	✓
13.	Sample answer scripts of all internal exams	✓
14.	Sample of Evaluated Home Assignment	✓
15.	Delivery Methods Copy of PPT's, Videos (CD/Pen Drive), Models	✓
16.	Scheme of Evaluation and Key	✓
17.	Course End Survey	✓

G. Pavan Kumar  
Faculty Member  
Department

Head of the Dept

Grams: "TECHNOLOGY"  
Email: dapjntuk@gmail.com



Phone: 0884-2300991  
Mobile: +9177790000

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. JNTUK/DAP/Aca.Cal/II MBA/2018-19

Date: 25-06-2018

Dr. Ch. Satyanarayana  
M.Tech, Ph.D.,  
Director, Academic & Planning.

To  
All the Principals of affiliated colleges,  
JNTUK, Kakinada.

ACADEMIC CALENDAR FOR  
MBA II YEAR - 2017 BATCH

2017-19 BATCH

III & IV sems

MBA III SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	30-07-2018		
I Unit of Instructions	30-07-2018	22-09-2018	8W
I Mid Examinations	24-09-2018	29-09-2018	1W
II Unit of Instructions	01-10-2018	24-11-2018	8W
II Mid Examinations	26-11-2018	01-12-2018	1W
Preparation	03-12-2018	08-12-2018	1W
End Examinations	10-12-2018	22-12-2018	2W
Commencement of Class Work	24-12-2018		
MBA IV SEMESTER			
Commencement of Class Work	24-12-2018		
I Unit of Instructions	24-12-2018	16-02-2019	8W
I Mid Examinations	18-02-2019	23-02-2019	1W
II Unit of Instructions	25-02-2019	20-04-2019	8W
II Mid Examinations	22-04-2019	27-04-2019	1W
Preparation	29-04-2019	04-05-2019	1W
End Examinations	06-05-2019	18-05-2019	2W

Director, Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor  
Copy to the Rector  
Copy to the Registrar  
Copy to the Director of Evaluation  
Copy to Programme Director, School of Management Studies



Grams: "TECHNOLOGY"  
Email: dapjntuk@gmail.com



Phone: 0884-2300991  
Mobile: +9177790000

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. JNTUK/DAP/Aca.Cal/1st MBA/2018-19

Date: 11-08-2018

Dr. Ch. Satyanarayana  
M.Tech, Ph.D.,  
Director, Academic & Planning.

To  
All the Principals of affiliated colleges,  
JNTUK, Kakinada.

ACADEMIC CALENDAR FOR  
MBA I YEAR - 2018 BATCH

MBA I Year I Semester			
Description	From	To	Weeks
Commencement of Class Work	13-08-2018		
I Unit of Instructions	13-08-2018	06-10-2018	8W
I Mid Examinations	08-10-2018	13-10-2018	1W
II Unit of Instructions	15-10-2018	08-12-2018	8W
II Mid Examinations	10-12-2018	15-12-2018	1W
Preparation	17-12-2018	22-12-2018	1W
End Examinations	26-12-2018	07-01-2019	2W
Commencement of Class Work	08-01-2019		
MBA I Year II Semester			
I Unit of Instructions	08-01-2019	02-03-2019	8W
I Mid Examinations	04-03-2019	09-03-2019	1W
II Unit of Instructions	11-03-2019	04-05-2019	8W
II Mid Examinations	06-05-2019	11-05-2019	1W
Preparation	13-05-2019	18-05-2019	1W
End Examinations	20-05-2019	01-06-2019	2W
Project Work	03-06-2019	06-07-2019	5W
Commencement of III Semester Class Work	08-07-2019		

Director, Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor  
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Copy to the Controller of Examinations (PG)  
Copy to Programme Director, School of Management Studies

Received on  
28/8/18  
28/8/18



**P. S. R. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY**

KOTTHA PETA, VIJAYAWADA - 520001.

Affiliated to JNTU, Kakinada & Approved by AICTE New Delhi

**Department of Electrical and Electronics Engineering**

The following are the members of the PAC committee;

- |                                   |   |   |
|-----------------------------------|---|---|
| 1. HOD OF EEE                     | : | Mr.Y.Rajendra Babu                                    |
| 2. PROGRAM CO-ORDINATOR           | : | Mr.B.Madhu Kiran                                      |
| 3. OVERALL MODULE<br>CO-ORDINATOR | : | Mr.G.Kishor Babu                                      |
| 4. INCHARGE OF PAC                | : | Ms.M.Susmitha   |
| 5. FACULTY                        | : | All the Faculty Members of<br>Academic year (2016-17) |

**PRINCIPAL**

Petti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

**HOD**

**(Y.RAJENDRA BABU)**

GOVERNMENT OF ANDHRA PRADESH  
DEPARTMENT OF TECHNICAL EDUCATION

Office of the  
Commissioner of Technical Education  
Andhra Pradesh : : Hyderabad

**Cir. Memo. No. H1/414/2014**

**Date:01-07-2014**

Sub: **TECHNICAL EDUCATION – Academic** - Academic Calendar **2014-15** –  
Communicated- Reg.

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This has reference to the subject cited. The Academic Calendar for the year 2014-15 is herewith annexed to this Memo. The Principals of all the Government / Aided / Private Un-aided Polytechnics / D.Pharmacy Institutions / Second-Shift Polytechnics in the existing Engineering Colleges, under the control of this Department are hereby informed to adhere to the Academic Calendar 2014-15. Further, the Principals are instructed to conduct extra class-work to make good of the number of lost working days, if any.

The Regional Joint Directors of Technical Education, Hyderabad, Kakinada, & Tirupathi are requested to monitor and ensure the compliance of the Academic Calendar by the respective Institutions under their jurisdiction.

The receipt of this Memo shall be acknowledged.

Sd/- AJAY JAIN  
COMMISSIONER

To  
The Principals of Govt/ Aided/Private Polytechnics / D. Pharmacy Institutions/ Second-shift Polytechnics in the existing Engineering Colleges under the control of this Department,  
The Regional Joint Directors of Technical Education, Hyderabad, Kakinada, & Tirupathi.

Copy to:  
The Principal Secretary to Government, Higher Education (TE) Department.  
The Secretary, SBTET, A.P. Hyderabad for information and necessary action.  
All Officers and sections in the Commissionerate.

For COMMISSIONER

ACADEMIC CLAENDER FOR THE YEAR 2014-15				
SL.NO	COURSES	COMMENCEMENT OF CLASS WORK	COMPLETION OF SYLLABUS	COMMENCEMENT OF EXAM INATIONS
3-YEAR REGULAR DIPLOMA COURSES				
1	a) 1st Year	28-06-2014	20-03-2015	Practical: Before Commencement of Theory
				Theory: 30-03-2015 onwards
	b) III and V Semesters	09-06-2014	15-10-2014	Practical: Before Commencement of Theory
				Theory: 24-10-2014 onwards
	c) IV and VI Semesters	20-11-2014	23-03-2015	Practical: Before Commencement of Theory
				Theory: 30-03-2015 onwards
D- PHARMACY COURSE				
2	a) 1st Year	24-07-2014	10-04-2015	Practical: Before Commencement of Theory
				Theory: 22-04-2015 onwards
	b) 2nd Year	11-06-2014	20-03-2015	Practical: Before Commencement of Theory
				Theory: 30-03-2015 onwards
INDUSTRIAL IN-PLANT TRAINING				
3	a) One-Semester ( 6 months) Industrial Training for C-09 Sandwich Diploma Courses for the academic year 2014-15 is from 20-05-2014 (for V semester students) & 20-11-2014 (for VI semester students).			
	b) One-year Industrial Training for 3-1/2-year Sandwich Diploma courses for the academic year 2014-15 is from 01-06-2014 TO 31-05-2015.			
	C) Three months/500 Hours Hospital Training in respect of D.Pharmacy 2nd year students is from 11-06-2014.			
UNIT TESTS				
			FROM	TO
4	1st Year	Unit Test - I	15-09-2014	20-09-2014
		Unit Test - II	02-01-2015	08-01-2015
		Unit Test - III	13-03-2015	18-03-2015
	III/V Semster	Unit Test - I	04-08-2014	08-08-2014
		Unit Test - II	09-10-2014	15-10-2014
	IV/VI Semester	Unit Test - I	23-01-2015	29-01-2015
		Unit Test - II	17-03-2015	21-03-2015
INTER-POLYTECHNIC SPORTS AND GAMES MEET - 10-12-2014 TO 20-12-2014				
HOLIDAYS/VACATION				
			FROM	TO
5	a) Dassera Holidays - 2014		26-09-2014	05-10-2014 (bdi)
	b) Pongal Holidays - 2015		09-01-2015	18-01-2015 (bdi)
	c) Summer Vacations 2014-15		09-04-2015	08-06-2015 (bdi)
NOTE:				
	1) During OCT/NOV Examinations period, class-work for 1st year regular courses and for D.Pharmacy 1st year shall be conducted.			
	2) The Principal shall make efforts to make good the lowest working days, if any by conducting extra-classes so as to adhere to the minimum working days norm: 90days/semester; 180 days/year			

Sd/- AJAY JAIN  
COMMISSIONER

For COMMISSIONER

GOVERNMENT OF ANDHRA PRADESH

Office of the  
Commissioner of Technical Education  
Andhra Pradesh :: Hyderabad

Cir. Memo. No. H/2824/2016

Dated:02-06-2016

Sub: TECHNICAL EDUCATION – Academic - Academic Calendar  
2016-17 - Communicated - Reg.

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The Principals of all Government/Aided/Private Un-aided Polytechnics / Second-Shift Polytechnics in the existing Engineering Colleges and D-Pharmacy institutions, under the control of this Department are hereby informed to adhere to the Academic Calendar 2016-17. Further, the Principals are instructed to conduct extra class-work to make good of the number of lost working days, if any.

Further, the Regional Joint Directors of Technical Education, Kakinada, & Tirupathi are requested to monitor and ensure the implementation of the Academic Calendar-2016-17, by the respective Institutions under their jurisdiction.

The receipt of this Memo shall be acknowledged.

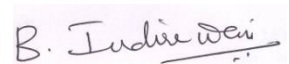
Sd/- B.Udayalakshmi  
COMMISSIONER

To

1. All the Principals of Govt/ Aided/Private Polytechnics / D. Pharmacy Institutions/ Second- shift Polytechnics in the existing Engineering Colleges
2. The Regional Joint Directors of Technical Education, Kakinada, & Tirupati.

Copy to:

1. The Principal Secretary to Government, Higher Education (TE) Department.
2. The Secretary, SBTET, A.P. Hyderabad for information and necessary action.
3. All Officers and sections in the Commissionerate.



For COMMISSIONER



ACADEMIC CALENDAR FOR THE YEAR 2016-17				
SL.NO	COURSES	COMMENCEMENT OF CLASS WORK	LAST WORKING DAY	COMMENCEMENT OF EXAMINATIONS
3-YEAR REGULAR DIPLOMA COURSES				
1.	a) 1st Year	08.06.2016	28.02.2017	Practical Exams: 08.03.2017 to 14.03.2017
				Theory: 20.03.2017 to 12.04.2017
	b) III and V Semesters	08.06.2016	03.10.2016	Practical: 13.10.2016 to 18.11.2016
				Theory: 24.10.2016 to15.11.2016
	c) IV and VI Semesters	16.11.2016	22.03.2017	Practical: 23.03.2017 to 27.03.2017
				Theory: 06.04.2017 to 27.04.2017
D.PHARMACY COURSE				
2.	a) 2 <sup>nd</sup> Year	08.06.2016	25.02.2017	Practical: 01.03.2017 to 06.03.2017  Theory: 13.03.2017 to 03.04.2017
INDUSTRIAL IN-PLANT TRAINING				
2.	a) One-Semester ( 6 months) Industrial Training for C-14 Sandwich Diploma Courses for the academic year 2016-17 is from <u>09.05.2016</u> (for V semester students) & <u>09.11.2016</u> (for VI semester students).			
	b) One-year Industrial Training for C-14, 3-1/2-year Sandwich Diploma courses for the academic year 2016-17 is from 09.05.2016 to 09.05.2017.			
UNIT TESTS				
			FROM	TO
3.	1st Year	Unit Test - I	29.08.2016	01.09.2016
		Unit Test - II	05.12.2016	08.12.2016
		Unit Test - III	01.03.2017	04.03.2017
	III/V Semester	Unit Test - I	03.08.2016	06.08.2016
		Unit Test - II	26.09.2016	29.09.2016
	IV/VI Semester	Unit Test - I	04.01.2017	07.01.2017
		Unit Test - II	15.03.2017	18.03.2017
INTER-POLYTECHNIC SPORTS AND GAMES MEET (Yuvatharangam) - 10.12.2016 TO 20.12.2016				
HOLIDAYS/VACATION				
			FROM	TO
4.	a) Dassera Holidays -		04.10.2016	12.10.2016 (09days)bdi
	b) Pongal Holidays -		08.01.2017	16.01.2017 (09days)bdi
	c) Summer Vacation		07.04.2017	05.06.2017 (60 days)bdi
NOTE:				
	1.During Oct/Nov examinations period, class work for 1 <sup>st</sup> Year regular courses and for D.Pharmacy 1 <sup>st</sup> year shall be conducted.			
	2. The Principal shall make efforts to make good the lost working days, if any by conducting extra-classes so as to adhere to the minimum working days norm: 90days/semester; 180 days/year			
	3. D.Pharmacy – 1 <sup>st</sup> year 3 <sup>rd</sup> week of July 2016.			

Sd/- B. Udayalakshmi  
COMMISSIONER

*B. Udayalakshmi*

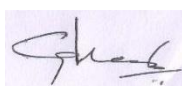
For COMMISSIONER

ACADEMIC CALENDER FOR THE YEAR 2017-18				
SL.NO	COURSES	COMMENCEMENT OF CLASS WORK	LAST WORKING DAY	COMMENCEMENT OF EXAMINATIONS
3-YEAR REGULAR DIPLOMA COURSES				
1.	a) 1st Year	19.06.2017	03.03.2018	Practical Exams: 15.03.2018 to 21.03.2018
				Theory: 26.03.2018 to 17.04.2018
	b) III and V Semesters	06.06.2017	13.10.2017	Practical: 16.10.2017 to 21.10.2017
				Theory: 23.10.2017 to 14.11.2017
	c) IV and VI Semesters	15.11.2017	24.03.2018	Practical: 26.03.2018 to 31.03.2018
				Theory: 02.04.2018 to 26.04.2018
D.PHARMACY COURSE				
2.	a) 1 <sup>st</sup> Year	10.07.2017	24.03.2018	Practical: 26.03.2018 to 31.03.2018 Theory: 02.04.2018 to 26.04.2018
	b) 2 <sup>nd</sup> Year	06.06.2017	24.02.2018	Practical: 12.03.2018 to 17.03.2018 Theory: 26.03.2018 to 17.04.2018
INDUSTRIAL IN-PLANT TRAINING				
2.	a) One-Semester ( 6 months) Industrial Training for C-16 Sandwich Diploma Courses for the academic year 2017-18 is from _____ (for V semester students) & _____ (for VI semester students).			
	b) One-year Industrial Training for 3-1/2-year Sandwich Diploma courses for the academic year 2017-18 is from May 2017 onwards			
UNIT TESTS				
			FROM	TO
3.	1st Year	Unit Test - I	11.09.2017	14.09.2017
		Unit Test - II	05.12.2017	07.12.2017
		Unit Test - III	08.03.2018	12.03.2018
	III/V Semester	Unit Test - I	01.08.2017	04.08.2017
		Unit Test - II	10.10.2017	13.10.2017
	IV/VI Semester	Unit Test - I	05.01.2018	08.01.2018
Unit Test - II		15.03.2018	19.03.2018	
INTER-POLYTECHNIC SPORTS AND GAMES MEET – 11.12.2017 to 23.12.2017				
HOLIDAYS/VACATION				
			FROM	TO
4.	a) Dassera Holidays -		26.09.2017	04.10.2017
	b) Pongal Holidays -		09.01.2018	17.01.2018
	c) Summer Vacations		12.04.2018	11.06.2018
NOTE:				
	1. During Oct/Nov examinations period, class work for 1 <sup>st</sup> Year regular courses and for D.Pharmacy 1 <sup>st</sup> year shall be conducted.			
	2. Government programmes like Swach Andhra, JanmaBhoomi, Neeru-pragathi, water conservation etc. may be organized on AN session of Saturdays or as per the convenience of the Polytechnic.			
	3. The Principal shall make efforts to make good the lowest working days, if any by conducting extra-classes so as to adhere to the minimum working days norm: 90days/semester; 180 days/year			

**Sd/- G.S. PANDA DAS  
SPECIAL COMMISSIONER**

**To**

The Principals of Govt/ Aided/Private Polytechnics / D. Pharmacy Institutions/  
Second-shift Polytechnics in the existing Engineering Colleges under the control of this  
Department,  
The Regional Joint Directors of Technical Education, Kakinada, & Tirupati.  
The Secretary, SBTET, A.P. Vijayawada for information and necessary action.  
All Officers and sections in the Commissionerate.



For SPECIAL COMMISSIONER

GOVERNMENT OF ANDHRA PRADESH

OFFICE OF THE  
COMMISSIONER OF TECHNICAL EDUCATION  
ANDHRA PRADESH : VIJAYAWADA

Cir. Memo. No. H/3307/2017

Date: 13-04-2018

Sub:-TECHNICAL EDUCATION-Academic -Academic Calendar 2018-19  
-Communicated- Reg.

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The Principals of all Government / Aided/ Private Un-aided Polytechnics / Second -Shift Polytechnics in the existing engineering Colleges and D-Pharmacy institutions, under the control of this Department are hereby informed to adhere to the Academic Calendar 2018-19. Further, the Principals are instructed to conduct extra class work to make good of the number of lost working days, if any.

Further, the Regional Joint Director of Technical Education, Kakinada and Tirupati are requested to monitor and ensure the implementation of the Academic Calendar 2018-19, by the respective Institutions under their jurisdiction.

The receipt of this Memo shall be acknowledged.

Encl: Academic Calendar 2018-19.

Sd/- G.S. PANDA DAS  
SPECIAL COMMISSIONER

To,

1. All the Principals of Government / Aided/ Private Polytechnics / D.Pharmacy Institutions / Second -Shift Polytechnics in the existing Engineering Colleges.
2. The Regional Joint Director of Technical Education, Kakinada & Tirupati.

Copy to

1. The Principal Secretary to Government, Higher Education (TE) Department.
- ✓ 2. The secretary, SBTET, AP, Vijayawada for information and necessary action.
3. All Officers and sections in the Commissionerate.

Ramires 13/04/18  
For SPECIAL COMMISSIONER  
12  
13-04-18

ACADEMIC CALENDER FOR THE YEAR 2018-19				
SL.NO	COURSES	COMMENCEMENT OF CLASS WORK	LAST WORKING DAY	COMMENCEMENT OF EXAMINATIONS
3-YEAR REGULAR DIPLOMA COURSES				
1.	a) 1st Year	12.06.2018(As per POLYCET Admissions)	02.03.2019	Practical Exams: 11.03.2019 to 16.03.2019
				Theory: 25.03.2019 to 18.04.2019
	b) III and V Semesters	12.06.2018	06.10.2018	Practical: 08.10.2018 to 12.10.2018
				Theory: 23.10.2018 to 13.11.2018
	c) IV and VI Semesters	14.11.2018	23.03.2019	Practical: 25.03.2019 to 30.03.2019
				Theory: 01.04.2019 to 24.04.2019
D. PHARMACY COURSE				
2.	a) 1 <sup>st</sup> Year	09.07.2018 (As per D. Pharmacy Admissions)	23.03.2019	Practical: 25.03.2019 to 30.03.2019 Theory: 01.04.2019 to 24.04.2019
	b) 2 <sup>nd</sup> Year	12.06.2018	02.03.2019	Practical: 11.03.2019 to 16.03.2019 Theory: 25.03.2019 to 18.04.2019
INDUSTRIAL IN-PLANT TRAINING				
2.	a) One-Semester ( 6 months) Industrial Training for C-16 Diploma Courses for the academic year 2018-19 is from 09.05.2018 (for V semester students) & 09.11.2018(for VI semester students).			
	b) One-year Industrial Training for 3-1/2-year Sandwich Diploma courses for the academic year 2017-18 is from 09.05.2018			
UNIT TESTS				
			FROM	TO
3.	1st Year	Unit Test - I	11.09.2018	15.09.2018
		Unit Test - II	04.12.2018	07.12.2018
		Unit Test - III	05.03.2019	08.03.2019
	III/V Semester	Unit Test – I	01.08.2018	04.08.2018
		Unit Test – II	03.10.2018	06.10.2018
	IV/VI Semester	Unit Test – I	08.01.2019	11.01.2019
		Unit Test – II	20.03.2019	23.03.2019
	INTER-POLYTECHNIC SPORTS AND GAMES MEET – 10.12.2018 to 22.12.2018			
TECH FEST – 2018 DISTRICT LEVEL:13.08.2018 to 14.08.2018 – STATE LEVEL:24.01.19 to 25.01.19				
HOLIDAYS/VACATION				
			FROM	TO
4.	a) Dassera Holidays -		13.10.2018	21.10.2018
	b) Pongal Holidays -		12.01.2019	20.01.2019
	c) Summer Vacations		07.04.2019	05.06.2019
NOTE:				
	1. During Oct/Nov examinations period, class work for 1 <sup>st</sup> Year regular courses and for D. Pharmacy 1 <sup>st</sup> year shall be conducted.			
	2. Government programmes like Swach Andhra (ODF), JanmaBhoomi, Neeru-pragathi, water conservation etc. may be organized on After-Noon sessions of Saturdays or as per the convenience of the Polytechnic.			
	3. The Principal shall make efforts to make good the lowest working days, if any by conducting extra-classes so as to adhere to the minimum working days norm: 90days/semester; 180 days/year			

**Sd/- G.S.Panda Das**  
**SPECIAL COMMISSIONER**

**To**

The Principals of Govt/ Aided/Private Polytechnics / D. Pharmacy Institutions/  
Second-shift Polytechnics in the existing Engineering Colleges under the control of this  
Department,  
The Regional Joint Directors of Technical Education, Kakinada, & Tirupati.  
The Secretary, SBTET, A.P. Vijayawada for information and necessary action.  
All Officers and sections in the Commissionerate.

Ramesh 13/04/19  
For Special Commissioner  
13.04.18



GOVERNMENT OF ANDHRA PRADESH

Office of the  
Commissioner of Technical Education  
Andhra Pradesh : : Hyderabad

Cir. Memo. No. H/2957/2015

Dated:22-06-2015

Sub: TECHNICAL EDUCATION – Academic - Academic Calendar 2015-16  
Communicated - Reg.

Ref: Academic Calendar for the year 2015-16 furnished by the Secretary,  
SBTET, A.P., Hyderabad.

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The Principals of all the Government/Aided / Private Un-aided Polytechnics / Second-Shift Polytechnics in the existing Engineering Colleges and D-Pharmacy, under the control of this Department are hereby informed to adhere to the Academic Calendar 2015-16. Further, the Principals are instructed to conduct extra class-work to make good of the number of lost working days, if any.

Further, the Regional Joint Directors of Technical Education, Kakinada, & Tirupathi are requested to monitor and ensure the compliance of the Academic Calendar-2015-16, by the respective Institutions under their jurisdiction.

The receipt of this Memo shall be acknowledged.

Sd/- B.Udayalaxmi  
COMMISSIONER

To

- 1.All the Principals of Govt/ Aided/Private Polytechnics / D. Pharmacy Institutions/ Second-shift Polytechnics in the existing Engineering Colleges
2. The Regional Joint Directors of Technical Education, Kakinada, & Tirupati.

Copy to:

1. The Principal Secretary to Government, Higher Education (TE) Department.
2. The Secretary, SBTET, A.P. Hyderabad for information and necessary action.
3. All Officers and sections in the Commissionerate.

  
For Commissioner



ACADEMIC CLAENDER FOR THE YEAR 2015-16				
SL.NO	COURSES	COMMENCEMENT OF CLASS WORK	LAST WORKING DAY	COMMENCEMENT OF EXAMINATIONS
3-YEAR REGULAR DIPLOMA COURSES				
1.	a) 1st Year	01-07-2015	15-03-2016	Practical Exams: 16.03.2016 to 19.03.2016
				Theory: 23.03.2016 to 18.04.2016
	b) III and V Semesters	09-06-2015	07-10-2015	Practical: 08.10.2015 to 13.10.2015
				Theory: 26.10.2015 to 13.11.2015
	c) IV and VI Semesters	16-11-2015	15-03-2016	Practical: 16.03.2016 to 19.03.2016
				Theory: 23.03.2016 to 18.04.2016
D.PHARMACY COURSE				
2.	a) 2 <sup>nd</sup> Year	29-06-2015	15-03-2016	<u>Practical: 16.03.2016 to 19.03.2016</u> Theory: 23.03.2016 onwards.
INDUSTRIAL IN-PLANT TRAINING				
2.	a) One-Semester ( 6 months) Industrial Training for C-09 Sandwich Diploma Courses for the academic year 2015-16 is from 20-05-2015 (for V semester students) & 16-11-2015 (for VI semester students).			
	b) One-year Industrial Training for 3-1/2-year Sandwich Diploma courses for the academic year 2015-16 is from 01-06-2015 TO 31-05-2016.			
UNIT TESTS				
			FROM	TO
3.	1st Year	Unit Test - I	15-09-2015	19-09-2015
		Unit Test - II	28-12-2015	31-12-2015
		Unit Test - III	10-03-2016	15-03-2016
	III/V Semester	Unit Test - I	04-08-2015	07-08-2015
		Unit Test - II	03-10-2015	07-10-2015
	IV/VI Semester	Unit Test - I	05-01-2016	08-01-2016
		Unit Test - II	11-03-2016	15-03-2016
		INTER-POLYTECHNIC SPORTS AND GAMES MEET - 10-12-2015 TO 20-12-2015		
HOLIDAYS/VACATION				
			FROM	TO
4.	a) Dassera Holidays - 2015		14-10-2015	22-10-2015(bdi) 09 days
	b) Pongal Holidays - 2016		09-01-2016	17-01-2016(bdi) 09 days
	c) Summer Vacations 2015-16		09-04-2016	07-06-2016(bdi) 60 days
NOTE:				
	1.During Oct/Nov examinations period, class work for 1 <sup>st</sup> Year regular courses and for D.Pharmacy 1 <sup>st</sup> year shall be conducted.			
	2. The Principal shall make efforts to make good the lowest working days, if any by conducting extra-classes so as to adhere to the minimum working days norm: 90days/semester; 180 days/year			

Sd/- B.Udayalaxmi  
COMMISSIONER

  
For COMMISSIONER



## ACADEMIC CALENDER 2015-16

June 2015

College Activities		
Week / Date	Activity	Description
1 <sup>st</sup> & 2 <sup>nd</sup> week	IVC Admissions 2015	1 <sup>st</sup> week- A U admissions, 2 <sup>nd</sup> week – S V U admissions
5th	World Environment day	Planning and organizing plantation Programme in consultation with district Authorities
9th	Commencement of class work 3 <sup>rd</sup> and 5 <sup>th</sup> Semester	Commencement of class work for 2 <sup>nd</sup> and 3 <sup>rd</sup> year
14th	World Blood Donor day	Red ribbon Clubs shall conduct activity to promote awareness among Students and parents
3rd Week- Saturday	Principal, Heads of Sections and Staff meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
4th Week- Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN)	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps

July, 2015

College Activities		
Week/ Date	Activity	Description
1 <sup>st</sup> week / 2 <sup>nd</sup> week	Commencement of class work I Year	Commencement of class work for I year Orientation for I year students- College activities, facilities, certificate / Add on Courses, Identification of Class Teacher
	Orientation for I year students	College activities, facilities, certificate / Add on Courses, Identification of Class Teacher and display the list
	Anti ragging campaign -	Organizing Anti Ragging campaign in the college premises
	D.Pharmacy Notification	Online receiving of applications
2nd Week	Result analysis	College level , Department wise and lecture wise progressive Result analysis and submission to office of the CTE Planning for remedial Teaching
3rd Week	D.Pharmacy Admissions Commencement of class work	D.Pharmacy Admissions, Commencement of class work.
	Extension Activities & College Social Responsibility Cell	Enrolment of students into NCC/Sports/Cultural etc.Organizing related activities
4th Week	Industry, Academic interfacing	A meeting shall be convened by the Principal, HOD with Industrialists from the industry nearby the Institution
1 <sup>st</sup> week – Saturday	Head of Section and Staff 1. Review Meeting at different Levels 2.Student (Progress) Meeting	Review of Academic, Administrative and financial aspects  Recording Student Progress Procurement plan etc.,
3rd Week – Saturday	Principal, Heads of Sections and Staff meeting at institutional Level convened by principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
4th Week- Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN)	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps
Departmental Activities		
2 <sup>nd</sup> / 3 <sup>rd</sup> week	State teachers awards	Committee constitution, Preparation of guidelines for selection.
2 <sup>nd</sup> / 3 <sup>rd</sup> week	D.Pharmacy / HMCT admissions	Commencement of class work

August, 2015

College Activities		
Week & date	Activity	Description
12 <sup>th</sup>	International youth day	Conduct essay, debate, etc., competitions
15 <sup>th</sup>	Independence Day	Celebration of Independence Day in each & every Polytechnic, prize Distribution for winners in the above
29 <sup>th</sup>	Telugu Bhasha Dinotsavam	Conduct of related activities
1 <sup>st</sup> Week	Unit Tests for odd Semester	Conduct of 1 <sup>st</sup> Unit Test for III and V Semester Students
	Teacher awards	Receiving of nominations
	RJD visits	Meeting with Principal and Staff, academic audit, logbook inspections etc.,
4 <sup>th</sup> Week	Parent – Teacher meeting	Parent Teacher meeting shall be convened by Principal and shall enlighten the Parents about the attendance and academic Performance of the Students concerned
1 <sup>st</sup> Week – Saturday	Head of Section and Staff	Review of Academic, Administrative and financial aspects
	1. Review Meeting at different Levels 2. Student (Progress) Meeting	Recording Student Progress Procurement plan etc.,
3 <sup>rd</sup> week – Saturday	Principal and Heads of Sections Meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff
4 <sup>th</sup> Week – Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN)	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps
Departmental Activities		
3 <sup>rd</sup> / 4 <sup>th</sup> week	State teachers awards	Selection Committee constitution, Preparation of selection list for Govt. Order

September, 2015

College Activities		
Week / Date	Activity	Description
5 <sup>th</sup>	Teachers Day	Celebrations of Teachers Day at each Polytechnic
15 <sup>th</sup>	Engineers day	Create awareness of the day and conduct related competitions
22 <sup>nd</sup>	Hindi Divas Celebrations	Organizing related Activities
24 <sup>th</sup>	NSS Day	NSS Activities
1 <sup>st</sup> Week	Board Of Governors (BOG) Meeting	To Conduct Board of Governing Body meeting as per the AICTE guidelines
	RJD visits	Meeting with Principal and Staff, academic audit, logbook inspections etc.,
3 <sup>rd</sup> Week	Parent – Teacher meeting	Parent Teacher meeting shall be convened by principal and shall enlighten the Parents about the attendance and academic Performance of the Students concerned
	Unit Test – I for 1 <sup>st</sup> year	Unit Test-I for 1 <sup>st</sup> Year Students
	Head of Section and Staff 1. Review Meeting at different Levels 2. Student (Progress) Meeting	Review of Academic, Administrative and financial aspects  Recording Student Progress Procurement plan etc.,
1 <sup>st</sup> week – Saturday	Principal and Heads of Sections Meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
4 <sup>th</sup> Week – Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN))	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps
Departmental Activities		
5 <sup>th</sup> Sep.	State Teacher Awards	Presentation of Awards to Teachers on Teachers’ Day

**October, 2015**

College Activities		
Week / Date	Activity	Description
2nd	Mahatma Gandhi Birthday	Celebrations of Mahtma Gandhi Birthday
31st	National Integration Day	Conduct of related activities
14th to 22nd	Dassera Holidays	Holidays for Polytechnics to celebrate Durgastami festival
1 <sup>st</sup> Week	II Unit Test for III & V Semester	Conduct of II Unit Test Tests at institutional Level for III & V Semester
	RJD visits	Meeting with Principal and Staff, academic audit, logbook inspections etc.,
3 <sup>rd</sup> Week	Practical Examinations	Conduct of Practical Examinations for odd semesters
4th week onwards	Semester End Exams (Regular and Supplementary)	Regular and supplementary Exams as Notified by State Board of Technical Education and Training
1st week – Saturday	Principal and Heads of Sections Meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
4th Week – Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN) ( with 1 <sup>st</sup> Year Students)	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps

**November, 2015**

College Activities		
Week / Date	Activity	Description
11th	National Education Day	Conduct of related activities
16th	Commencement of Class work for IV and VI Semester	Commencement of Class work for IV and VI Semester in all Polytechnics
3 <sup>rd</sup> week – Saturday	Principal and Heads of Sections Meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
	RJD visits	Meeting with Principal and Staff, academic audit, logbook inspections etc.,
4th Week – Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN)	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps

**December, 2015**

College Activities		
Week / Date	Activity	Description
1st	AIDS Day	Red Ribbon Clubs Conduct AIDS Awareness programs in Collaboration with District
10th	Human Rights Day	Conduct of related activities
10th to 20th	Inter Polytechnic sports and Games Meet(IPGSM)	Inter Polytechnic Games & Sports Meet Institution Level, zonal Level & State Level shall be organized under the Supervision of
4th Week	Unit Test-II for I Year	Unit Test-II for I Year
1 <sup>st</sup> week – Saturday	Head of Section and Staff 1. Review Meeting at different Levels 2. Student (Progress) Meeting	Review of Academic, Administrative and financial aspects Recording Student Progress Procurement plan etc.,
3 <sup>rd</sup> Week – Saturday	Principal and Heads of Sections Meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
	RJD visits	Meeting with Principal and Staff, academic audit, logbook inspections etc.,
4th Week – Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN)	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps
Dec	Uploading to AICTE for EOA and LOA	Uploading to AICTE for EOA and LOA



**January, 2016**

College Activities		
Week / Date	Activity	Description
12 <sup>th</sup>	National Youth Day	Celebration of the day
25 <sup>th</sup>	National Voters Day	To Organize the programme for enrolment of Voters as per instructions of State Election
26 <sup>th</sup>	Republic Day	Celebration of Republic day in all Polytechnics
9 <sup>th</sup> to 17 <sup>th</sup>	Pongal Holidays	Holidays for all Polytechnics for Celebrating Pongal Festival
1 <sup>st</sup> week	Unit Test – I for IV & VI Semester	Conduct Unit test-I at Institution level for IV and VI Semester
3 <sup>rd</sup> Week	Parent – Teacher meeting	Parent Teacher meeting shall be convened by Principal and shall enlighten the Parents about the attendance and academic Performance of the Students concerned
1 <sup>st</sup> week – Saturday	Principal and Heads of Sections Meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
3 <sup>rd</sup> Week – Saturday	Head of Section and Staff 1. Review Meeting at different Levels 2. Student (Progress) Meeting	Review of Academic, Administrative and financial aspects  Recording Student Progress Procurement plan etc.,
4 <sup>th</sup> Week – Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN)	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps
Jan	Uploading to AICTE for EOA and LOA	Uploading to AICTE for EOA and LOA

**February, 2016**

College Activities		
Week / Date	Activity	Description
21 <sup>st</sup>	Antarjaatiya Matru Bhasha Dinotsavam	Celebrating the Day
2 <sup>nd</sup> Week	Board Of Governors (BOG) Meeting	To Conduct Board of Governing Body meeting as per the AICTE guidelines
4 <sup>th</sup> Week	Science, innovative and project Seminars and Exhibition	To conduct Exhibition and Seminars on science / innovative projects developed at institutional level
1 <sup>st</sup> Week – Saturday	Head of Section and Staff 1. Review Meeting at different Levels 2. Student (Progress) Meeting	Review of Academic, Administrative and financial aspects  Recording Student Progress Procurement plan etc.,
	RJD visits	Meeting with Principal and Staff, academic audit, logbook inspections etc.,
3 <sup>rd</sup> week – Saturday	Principal and Heads of Sections Meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
4 <sup>th</sup> Week – Saturday	Swachha Bharath – Swachha Andhra Pradesh (FN)	Cleaning of college premises including roof tops, terraces, overhead tanks and sumps
Feb	Uploading to AICTE for EOA and LOA	Uploading to AICTE for EOA and LOA

**March, 2016**

College Activities		
Week / Date	Activity	Description
8th	International Women’s Day	Conduct of related activities
1 <sup>st</sup> Week	Parent – Teacher meeting	Parent Teacher meeting shall be convened by Principal and shall enlighten the Parents about the attendance and academic Performance of the Students concerned
2 <sup>nd</sup> Week	Unit Test II for IV and VI Semester and Unit Test –III For I year	Conduct of Unit Test II for IV and VI Semester and Unit Test –III For I year
16.03.2016 to 19.03.2016	Practical Exams	Conduct of Practical Examinations for I year, IV & VI Semester.
23-03-2016 to 18-04-2016	Commencement of Annual & Semester End Exams (Regular and supplementary)	Regular and supplementary( for Year wise and Semester) Exams as Notified by State Board of Technical Education and Training
1 <sup>st</sup> Week – Saturday	Head of Section and Staff 1. Review Meeting at different Levels 2. Student (Progress) Meeting	Review of Academic, Administrative and financial aspects  Recording Student Progress Procurement plan etc.,
	RJD visits	Meeting with Principal and Staff, academic audit, logbook inspections etc.,
3 <sup>rd</sup> week – Saturday	Principal and Heads of Sections Meeting at institutional Level convened by Principal concerned	Review meeting of Principals with Teaching & Non-Teaching Staff at institutional Level convened by Principal concerned and verifying the Log books of teaching staff etc.,
SUMMER VACATION FROM 09-04-2016 TO 07-06-2016(BDI)		

ACADEMIC CALENDER FOR THE YEAR 2018-19				
SL.NO	COURSES	COMMENCEMENT OF CLASS WORK	LAST WORKING DAY	COMMENCEMENT OF EXAMINATIONS
3-YEAR REGULAR DIPLOMA COURSES				
1.	a) 1st Year	12.06.2018(As per POLYCET Admissions)	02.03.2019	Practical Exams: 11.03.2019 to 16.03.2019 Theory: 25.03.2019 to 18.04.2019
	b) III and V Semesters	12.06.2018	06.10.2018	Practical: 08.10.2018 to 12.10.2018 Theory: 23.10.2018 to 13.11.2018
				Practical: 25.03.2019 to 30.03.2019 Theory: 01.04.2019 to 24.04.2019
	c) IV and VI Semesters	14.11.2018	23.03.2019	Practical: 25.03.2019 to 30.03.2019 Theory: 01.04.2019 to 24.04.2019
				Practical: 25.03.2019 to 30.03.2019 Theory: 01.04.2019 to 24.04.2019
	D. PHARMACY COURSE			
2.	a) 1 <sup>st</sup> Year	09.07.2018 (As per D. Pharmacy Admissions)	23.03.2019	Practical: 25.03.2019 to 30.03.2019 Theory: 01.04.2019 to 24.04.2019
	b) 2 <sup>nd</sup> Year	12.06.2018	02.03.2019	Practical: 11.03.2019 to 16.03.2019 Theory: 25.03.2019 to 18.04.2019
INDUSTRIAL IN-PLANT TRAINING				
2.	a) One-Semester ( 6 months) Industrial Training for C-16 Diploma Courses for the academic year 2018-19 is from 09.05.2018 (for V semester students) & 09.11.2018(for VI semester students).			
	b) One-year Industrial Training for 3-1/2-year Sandwich Diploma courses for the academic year 2017-18 is from 09.05.2018			
UNIT TESTS				
3.	1st Year	Unit Test - I	FROM 11.09.2018	TO 15.09.2018
		Unit Test - II	04.12.2018	07.12.2018
		Unit Test - III	05.03.2019	08.03.2019
	III/V Semester	Unit Test - I	01.08.2018	04.08.2018
		Unit Test - II	03.10.2018	06.10.2018
	IV/VI Semester	Unit Test - I	08.01.2019	11.01.2019
		Unit Test - II	20.03.2019	23.03.2019
	INTER-POLYTECHNIC SPORTS AND GAMES MEET - 10.12.2018 to 22.12.2018			
TECH FEST - 2018 DISTRICT LEVEL:13.08.2018 to 14.08.2018 - STATE LEVEL:24.01.19 to 25.01.19				
HOLIDAYS/VACATION				
4.	a) Dassera Holidays -	FROM 13.10.2018	TO 21.10.2018	
	b) Pongal Holidays -	12.01.2019	20.01.2019	
	c) Summer Vacations	07.04.2019	05.06.2019	
NOTE:				
1. During Oct/Nov examinations period, class work for 1 <sup>st</sup> Year regular courses and for D. Pharmacy 1 <sup>st</sup> year shall be conducted.				
2. Government programmes like Swach Andhra (ODF), JanmaBhoomi, Neeru-pragathi, water conservation etc. may be organized on After-Noon sessions of Saturdays or as per the convenience of the Polytechnic.				
3. The Principal shall make efforts to make good the lowest working days, if any by conducting extra-classes so as to adhere to the minimum working days norm: 90days/semester; 180 days/year				

Sd/- G.S.Panda Das  
SPECIAL COMMISSIONER

To

The Principals of Govt/ Aided/Private Polytechnics / D. Pharmacy Institutions/  
Second-shift Polytechnics in the existing Engineering Colleges under the control of this  
Department,

The Regional Joint Directors of Technical Education, Kakinada, & Tirupati.

The Secretary, SBTET, A.P. Vijayawada for information and necessary action.

All Officers and sections in the Commissionerate.

*Ramiah* 13/04/19  
For Special Commissioner  
13.04.19



P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPETA, VIJAYAWADA - 520001. 2nd shift Polytechnic,  
DIPLOMA  
COURSE FILE

**Faculty Details :**

Name of the Faculty : S. GEETHA SRI PRIYANKA  
Designation : ASSISTANT PROFESSOR  
Department : DIPLOMA IN MECHANICAL ENGG

**Course Details :**

Name of the Programme : DIPLOMA  
Branch : MECH  
Academic Year : 2017-18  
Semester : VI  
Title of the Subject : MEASUREMENT & CONTROL SYSTEMS  
Subject Code : M-605  
Regulation : C-14  
No. of Students : 54  
No. of times : 2  
handle the subject

S. No.	Contents	Check list	Remarks
1	SBTET Academic Calendar and modified Academic Calendar	✓	
2	SBTET Syllabus Copy	✓	
3	Handout Copy	✓	
4	Individual Time Table	✓	
5	Lecture Notes (staff)	✓	
6	Student class notes (2 copies)		
7	Tutorial /Assignment scripts(Questions with solutions)	✓	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached .	✓	
9	Any new topics or innovations introduced regarding subject.	✓	



S. No.	Contents	Check list	Remarks
10	Continuous evaluation Process:		
	i) Time table of Internal Exams from Exam cell.	✓	
	ii) Question paper cum answer sheets (Good, medium, bad)	✓	
11	Unit wise Question bank	✓	
12	Question Papers (Last 2 yrs)	✓	
13	Result Analysis of previous Sem / Year	✓	
14	Attendance Register	✓	

S. G. S. P. R. K. S.

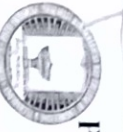
Signature of Faculty

S. G. S. P. R. K. S.

Signature of HOD

S. G. S. P. R. K. S.

Signature of principal



**P. S. C. M. R. COLLEGE OF ENGINEERING & TECHNOLOGY**  
**2<sup>nd</sup> SHIFT POLYTECHNIC**  
**KOTHAPETA, VIJAYAWADA - 520001.**  
**COURSE FILE**

**Faculty Details :**

Name of the Faculty : S. GREETHA SRI PRYANIKA.  
Designation : LECTURER  
Department : DIPLOMA IN MECHANICAL ENGINEERING.

**Course Details :**

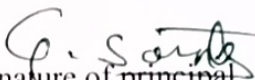
Name of the Programme : DME Academic Year : 2018-19  
Branch : Mechanical Semester : III  
Title of the Subject : BASIC ELECTRICAL & ELECTRONICS ENG.  
Subject Code : M-305 No. of Students : 56  
Regulation : C16 No. of times Handle the Subject: 2

S. No.	Contents	Check list	Remarks
1	SBTET Academic Calendar and modified Academic Calendar	<input checked="" type="checkbox"/>	
2	SBTET Syllabus Copy	<input checked="" type="checkbox"/>	
3	Handout Copy	<input checked="" type="checkbox"/>	
4	Individual Time Table	<input checked="" type="checkbox"/>	
5	Lecture Notes (staff)	<input checked="" type="checkbox"/>	
6	Student class notes (2 copies)	<input checked="" type="checkbox"/>	
7	Tutorial /Assignment scripts(Questions with solutions) .	<input checked="" type="checkbox"/>	
8	Any additional resources like OHP transparencies / PPT slides and citations can be attached	<input checked="" type="checkbox"/>	
9	Any new topics or innovations introduced regarding subject.	<input checked="" type="checkbox"/>	

No.	Contents	Check list	Remarks
10	Continuous evaluation Process: i) Time table of Internal Exams from Exam cell. ii) Question paper cum answer sheets	✓	
11	Unit wise Question bank	✓	
12	Question Papers (Last 2 yrs)	✓	
13	Result Analysis of previous Sem / Year	✓	
14	Attendance Register	✓	

  
Signature of Faculty

  
Signature of HOD

  
Signature of principal