Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

MRCET CAMPUS

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

Sponsored by CMR Educational Society

(Affiliated to JNTUH, Hyderabad, Approved by AICTE - Accredited by NAAC – 'A' Grade - ISO 9001:2015 Certified)

Maisammaguda, Dhulapally, Kompally, Secunderabad – 500100, Telangana State, India.

Contact Number: 7207034237, 9133555162, E-Mail ID: mrcet2004@gmail.com, website: www.mrcet.ac.in

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)
(Sponsored by CMR Educational Society)
Recognized under 2(f) and 12 (B) of UGC ACT 1956
(Affiliated to JNTUH, Hyderabad, Approved by AICTE- Accredited by NBA & NAAC– 'A' Grade - ISO 9001:2015 Certified)

Estd : 2004

PREAMBLE

❖ The institution ensures equity and wide access by following the stated policy and is well represented by students from different geographical area and socioeconomic, cultural and educational backgrounds. The college has adequate in-built student-centric mechanisms which are continually updated to achieve the goals of academic excellence.

❖ The college plans and organizes teaching, learning and evaluation schedules by strictly following the college Academic Calendar. Courses with lab component, Layer-Learning, Group learning, Internships, Project work, Technical seminars, Certificate courses and Value-added courses ensure **experiential learning** and **participative learning** by the students. For some specific subject's **problem-solving methodologies** are used to design problem solving exercises which are taught and solved by students through tutorial classes, assignments, workshops and open-book tests.

❖ The assessment and evaluation scheme is comprehensive, reliable, objective and transparent, outcomes of which are utilized in improving the performance of both students and teachers. Creating question banks, regular evaluation and assessment of questions and generation of material/content for summative exams are some of the best practices of the college.

❖ Mid semester and end semester examinations are conducted to assess the academic needs of the students. Specialized classes are organized for enhancing the competence and performance of advanced learners. ICT based teaching learning is one of the best practices for the summative examinations to be conducted by the College. Student mentoring and guidance services are provided for the students at the academic, personal and psycho-social levels.

❖ The Institution maintains a learner-centric atmosphere to achieve the desired learning outcomes. The teachers employ interactive and participatory approach creating a feeling of responsibility in learning and make learning a process of construction of knowledge.

❖ ICT based facilities are used extensively for dissemination of knowledge and evaluation. Interactive instructional techniques like focused group discussions, projects, internships, brain storming sessions, experiments, Power Point Presentations and other applications of ICT resources enrich the teaching learning experience and engage students in higher order thinking and investigation.

❖ Short term workshops are often conducted to enhance their skills both in terms of personal and professional development. Student's participation in International and National seminars/ conferences, invited talks, and discussions are an integral part of our learning process.

❖ Teacher Quality is assured by recharging the faculty members in their own discipline and on general professional competence through training programmes and Faculty Development Programmes thus promoting an enhanced learning experience for the students.

PRINCIPAL
Sd/-

Maisammaguda, Dhulapally, Secunderabad - 500100, Telangana State, India. **website: www.mrcet.ac.in**
Contact: 7207034237 / 9133555183, E-Mail Id: mrcet2004@gmail.com. **EAMCET/ICET/PGECET Code : MLRD**

Malla Reddy College of Engg. & Tech.
UGC AUTONOMOUS INSTITUTION
Maisammaguda, Doolapally, Secunderabad-500 100.

Workshops for Students

2019-20

CSE

S.NO	NAME OF THE EVENT	DATE
1.	One Day Workshop On Data Science Using R	5th January 2019
2.	Three days workshop on python & data science	28th to 30th January 2019
3.	Microsoft Certification Course On "Machine Learning Using Python"	28th January to 2nd February 2019
4.	Campus Recruitment Training by TIMES Academy	18th to 22nd Feb 2019
5.	CRT on C programming & Data structures	8th to 12th July 2019
6.	Inauguration of MRCET Innovation club	3rd Aug, 2019
7.	CRT on C,C++ programming –project based training	09,10 August 2019 & 13,14 August 2019
8.	CRT classes for III Year	11th& 12th Aug, 2019
9.	CSI inauguration and technical talk on block chain technology	2nd Nov, 2019
10.	CSIR sponsored "Two days national level workshop on Machine learning for human-Robot collaborate and Artificial Intelligence awareness"	22& 23 Nov, 2019
11.	One day workshop on C & C++ by IIT Bombay	29th Feb, 2020
12.	One week workshop on Machine learning using Watson studio	10th to 14th ,Mar, 2020

Photos Gallery

IT

S.NO	WORKSHOP NAME	NAME OF THE COORDINATOR	DATE & YEAR	DURATION	NO.OF PARTICIPANTS
1.	Workshop on Python and Data Analytics	Dr.N.S.Gowri Ganesh	31stJan to 2ndFeb 2019	3 days	60
2.	Workshop on Microsoft Certification	P. Srinivasa Rao, Novy Jacob	28thJan to 2ndFeb 2019	3 days	55
3.	II Year CRT Classes	P. Srinivasa Rao	26thto 30thJun 2018	7 days	60
4.	III Year CRT Classes	P. Srinivasa Rao	2ndto 7thJul 2018	5 days	55

S.NO	WORKSHOP NAME	NAME OF THE COORDINATOR	DATE & YEAR	DURATION	NO.OF PARTICIPANTS
5.	One Week CRT programme Conducting for III Year IT Students	Mr.M.Vazralu	9th to 14th December, 2019	7 days	130
6.	Programme on Entrepreneurship	Mr.M.Vazralu	9th to 13th December 2019	6 days	20

Photos Gallery

Microsoft Training Program

FDP-ML through R

DEPARTMENT OF INFORMATION TECHNOLOGY
WELCOMES TO
FACULTY DEVELOPMENT PROGRAMME
ON
MACHINE LEARNING TECHNIQUES
&
R PROGRAMMING
JUNE 11-12, 2018

ECE

S.NO	NAME OF THE EVENT	DATE
1	CRT PROGRAMME ON C & C++ PROGRAMMING- PROECT BASED TRAINING FOR II ECE STUDENTS	05-08 AUG 2019
2	FDP THROUGH NKN SUMMER COURSE-2019 EMBEDDED SYSTEMS AND INTERFACING HANDS-ON UNDER E & ICT ACADEMY, NIT PATNA.	10-14 JUNE 2019

Photos Gallery

EEE

S.NO	NAME OF THE EVENT	DATE
1	Department of EEE organizing A Guest lecture on SMART GRID by T.Sreedhar on	28 February 2020
2	INDUSTRIAL VISIT TO Dr. NARLA TATA RAO thermal power station(VTPS), Vijayawada	01 February 2020
3	One Week Hands – on Workshop on Electrical Switchgear & its Applications In Association with DBSON	20-28 December 2019
4	CRT training for III EEE in association with TIME Institute	9-14 December 2019
5	Motivation for a bright future career-III EEE STUDENTS	29 November 2019
6	CRT training for III EEE in association with TIME Institute	27-30 september2019
7	Department of eee organized welcome party to II years-EL NOVATO 2K19	21 September 2019
8	CRT training for II EEE in association with TIME Institute	17-19 September 2019
9	Actively Participated In HARITHA HARAM PROGRAM Organized By State Govt. Of Telangana	31 August 2019
10	One day industrial visit to 400 kv substation malkaram, hyderabad	17 August 2019
11	Orientation programme for EEE I Year	5 August 2019
12	Four days workshop on C & C++ Programming – Project Based Training for II EEE	5-8 August 2019
13	CRT training for III EEE in association with TIME Institute	11-13 July 2019
14	Industrial Visit To Srisailam Left Bank Hydro Electric Station(900MW)	7-8 July 2019

Photos Gallery

Coding Contests

2019-20

IT

SMART INDIA HACKATHON 2019-2020 (AICTE SPONSORED)

Team : II B-Tech
Problem Category : To Create an Informative Platform which could serve as a base for all Health Centered Queries.

DESIGNATION	ROLL NO	GENDER	NAME
Team Leader	18N31A12C1	FEMALE	Poshetty Niharika
Team Member	18N31A12C2	FEMALE	Papishetty Sumana Sri
Team Member	18N31A12D1	FEMALE	Pavarna Nyavanandi
Team Member	18N31A12E5	FEMALE	Sethipalli Greeshma
Team Member	18N31A12E9	FEMALE	Shanigaram Sree Kavya
Team Member	18N31A1298	FEMALE	Mergoju Usha Rani

T HUB Shortlisted Students

ROLLNO	NAME	GENDER	EMAIL ID
18N31A12C6	Pallerla Sridevi	FEMALE	hemasrireddy23@gmail.com
18N31A12F9	Swatish Attaluri	MALE	swatishsai@gmail.com
18N31A12G2	Thatikonda Mounika	FEMALE	mounikathatikonda77@gmail.com
18N31A12D1	Pavarna Nyavanandhi	FEMALE	pavarna18nvk@gmail.com
18N31A1277	Komatireddy Mounika	FEMALE	komatireddymounika13@gmail.com
18N31A1272	Kasireddy jithendarreddy	FEMALE	jithendar1605@gmail.com
18N31A1228	Bodempudi Navya	FEMALE	navyabodempudi@gmail.com

CSE

PROGRAMME NAME	STUDENT NAME	AWARDS RECEIVED	COLLEGE
AKANSHA	Radhika Jamwal	PARTICIPATED	CMEC
	B. Meghana		
	V. Pooja Reddy		
	P. Madhavi		
	Ragini R Warrier		
ES WORKSHOP	1. T. Chirishma	PARTICIPATED	CMEC
	2. S. Senorita		
	3. L. Priyanka		
	4. P. Saritha		
	5. A.V. Raghavendra		
	6. Y. Navakanth Reddy		

	7. G. Uma Maheswar		
	8. M.V.S. Sai Bharath		
QUIZ	1. A. Eswar	2nd Position	CMEC
	2. K. Rohith		
	3. A. Rahul		
	4. Harish		
DEBATE	1. M. Harika	PARTICIPATED	CMEC
	2. D. Lavanya		
	3. B. Chandra Lekha		
	4. B. Sindoori		
	5. G. Swathi		
QUIZ	1. B. Varun Vaishnav	PARTICIPATED	CMEC
	2. V. Vasanthi		
	3. P. Shalini		
	4. Trupthi Patwari		
	5. Y. Pooja		
	6. P. Karthik		
	7. P. Koushal		
	8. M. Rashmi Rajesh		
	9. C. Yasaswini		
	10. Y. Anusha		
QUIZ	1. B. Varun Vaishnav	PARTICIPATED	CMEC
	2. V. Vasanthi		

	3. P. Shalini		
	4. Trupthi Patwari		
	5. Y. Pooja		
	6. P. Karthik		
	7. P. Koushal		
	8. M. Rashmi Rajesh		
	9. C. Yasaswini		
	10. Y. Anusha		
IT – MAVERICK(BATTLE GROUND)	1. M. Harika	2nd Position	MREC
	2. D. Lavanya		
	3. B. Chandra Lekha		
	4. B. Sindoori		
	5. G. Swathi		
NANO TECHNOLGY (PPT CONTEST)	1. Rudresh Joshi	PARTICIPATED	CMEC
GROUP DISCUSSION	1. Md. Ahmer	PARTICIPATED	CMEC
	2. M. Rashmi Rajesh		
	3. C. Yasaswini		
JAM Quiz Competition	1. P. Banu Prakash	PARTICIPATED	MRCET
	2. Ch. Ramana	PARTICIPATED	
	3. Ch. Rohit kumar	PARTICIPATED	
	4. D. Kalyani	PARTICIPATED	
	5. M. Ambika	PARTICIPATED	

	6. S. Nishant Reddy	PARTICIPATED	
	7. K. Pankaj	PARTICIPATED	
	8. V. Pooja Reddy	1st Prize	
	9. Radhika Jamwal	PARTICIPATED	
	10. B. Meghana	PARTICIPATED	
	11. D. Lavanya	PARTICIPATED	
	12. B. Chandra lekha	PARTICIPATED	
	13. Naga Sandeep	2nd Prize	
	14. A. Sadhana	3rd Prize	
Embedded Systems (Seminars)	1. P. Amala Reddy	3rd Prize	MRCET
	2. Divya Maheswari	1st Prize	
	3. P. Mrunalini	PARTICIPATED	
	4. C. Niranjan Kumar	PARTICIPATED	
	5. N. Trinadh Kumar	2nd Prize	
	6. K. Raghavendra Reddy	PARTICIPATED	
	7. M. Sai Vineetha	PARTICIPATED	
	8. E. Saradha Krishna	PARTICIPATED	
	9. G. Pranitha	PARTICIPATED	
	10. S. Pushyami	PARTICIPATED	
	11. D. Lavanya	PARTICIPATED	
	12. B. Chandra lekha	PARTICIPATED	
	13. Ch. Rohit kumar	PARTICIPATED	

Group Discussion

2019-20

Training & Certification Programs:

Our **Placement and Training Cell** offers **Career Development Program** for the students who aspire to join corporate companies. Extra effort is put to design need-based training to students as requirement varies from company to company. We collaborate with reputed institutes in the field of training and recruitment to provide such training. They enable our students gain a competitive edge in the recruitment process, groom themselves and develop their personality. The training modules are formulated to improve our students' hard skills like- Pseudo Coding, Logical reasoning, Planning & Goal Setting, Programming Skills and Quantitative Aptitude and soft skills like Presentation skills, **Group Discussion,** Team Building, Personnel Counseling, Planning and Goal Setting, Motivational Talk, JAM Sessions, and Interpersonal & Listening skills.

Online Assessments

As we understand that the assessments are a vital part in improving the students' aptitude skills, we offer students an Interactive, learning-centric, user-friendly, robust test taking platform which gives immediate, insightful performance report with detailed explanation. We have experienced a huge improvement in the student's aptitude skills after we exposed them to such Online Assessment System.

Few advantages of online assessment are:

□ High quality tests are offered with varied difficulty levels

□ Instant results for the students with in-depth analysis

□ Explanatory answers are given for each question immediately after they finish the test

□ Tailor made training programs can be designed according to the needs of the students based on the online performance reports generated after each test.

□ Using mock electronic aptitude tests prepares students to get ready for any online test being conducted by any recruiting company. This gives ample exposure to students to face such kind of online tests.

Certification Courses Offered at MRCET:

- ☐ JAVA Certification through Oracle Academy.
- ☐ .Net Certification by Microsoft.
- ☐ Oracle SQL Certification Course
- ☐ Microsoft Innovation Center for Technology Training (MIC) and Certification.
- ☐ CISCO Networking Course
- ☐ Business English Certification(BEC), University of Cambridge, UK
- ☐ Oxford Achiever's Certification, Oxford University Press, for communication skills.
- ☐ Big Data Analytics and R-Programming Certification Course
- ☐ Organizing Certification courses such as CISCO, .Net, JAVA, CATIA, Pro-E, MATLAB etc.
- ☐ Certification course on Robotics
- ☐ Certification course on Auto CAD
- ☐ Certification course on 3D Printing

Technical Seminars

2019-2020

CSE

MALLA REDDY ENGINEERING COLLEGE OF ENGINEERING AND TECHONOLGY TECHNICAL SEMINARS BRANCH : CSE SECTION : B YEAR/SEMESTER : IV/II			
S.NO	ROLL NO	NAME OF THE STUDENT	Seminar Topic
1	16N31A0561	G KEERTHI	DIGITAL PIRACY
2	16N31A0562	GAKHIL	NANO TECHNOLOGY
3	16N31A0563	G RUPESH REDDY	ANGULAR AND REACT
4	16N31A0564	G DURGA MOUNISHA	SEARCH ENGINE

S.NO	ROLL NO	NAME OF THE STUDENT	Seminar Topic
5	16N31A0565	G SANTHOSH	5G WIRELESS
6	16N31A0566	G N V HEMANTH VARMA	IMAGE PROCESSING
7	16N31A0567	G HARISH	HAWK EYE TECHNOLOGY
8	16N31A0569	G SAI KIRAN	MIND READING COMPUTER
9	16N31A0570	G RACHANA	BIG DATA
10	16N31A0571	G PRAGNYA DEVI	COGNITIVE COMPUTING
11	16N31A0572	G SAI RANADEEP REDDY	DARQ
12	16N31A0573	G SUMANTH	DNA COMPUTING
13	16N31A0574	G SOUJANYA	DISEASE PREDICTION USING DATA MINING
14	16N31A0576	G SAM JAYANTH REDDY	VIRTUAL PRIVATE NETWORK
15	16N31A0577	G SAIKIRAN	TOUCHLESS TOUCH SCREEN TECHNOLOGY
16	16N31A0578	R SNEHA PRIYA	CHILD SAFETY WEARABLE DEVICES
17	16N31A0580	J MOUNIKA	BRAIN COMPUTER INTERFACE
18	16N31A0581	J TEJASWINI	ARTIFICIAL INTELLIGENCE AND GLOBAL RISK
19	16N31A0582	J KEERTHANA	FIREWALL
20	16N31A0583	G MONEESH REDDY	DATA SCIENCE
21	16N31A0584	J SHANMUKHA SAI	SOLAR TRACKER
22	16N31A0585	J KEERTHI	BIOMETRIC ATM IRIS RECOGNITION
23	16N31A0587	K MAHESH	CHATBOT
24	16N31A0588	K SAI NITHIN	VIRTUAL AGENTS
25	16N31A0589	K SAI SINDHU	COMPUTER FORENSICS
26	16N31A0590	K SUPRIYA DEVI	ETHICAL HACKING
27	16N31A0591	K TEJA	INTERNET OF THINGS

MALLA REDDY ENGINEERING COLLEGE OF ENGINEERING AND TECHONOLGY
TECHNICAL SEMINARS   BRANCH : CSE   SECTION : B
YEAR/SEMESTER : IV/II

S.NO	ROLL NO	NAME OF THE STUDENT	Seminar Topic
28	16N31A0592	K HANUMALLIKA	FINGER VEIN RECOGNITION
29	16N31A0593	K SRI SAI KOUSHIK	BLUE GENE
30	16N31A0594	K SUHAS	SERVERLESS

S.No	ROLL NO	NAME	TITLE OF THE TOPIC
31	16N31A0595	K AMARANTH REDDY	ROBOTICS
32	16N31A0596	K UDAY KARTHIK	ANDROID DEVELOPMENT
33	16N31A0597	K AKASH	GAME DESIGN
34	16N31A0598	K CHANDRIKA VENU	AUGMENTED AND VIRTUAL REALITY
35	16N31A0599	K HARSHAVARDHAN REDDY	BLOCK CHAIN
36	16N31A05A0	K SUNIL	COMPUTER PERIPHERALS
37	16N31A05A1	K SAI ARAVIND	HADOOP
38	16N31A05A2	K SHARMILA	TRAFFIC CONTROL SYSYTEM
39	16N31A05A3	K PRANEETHA	SIXTH SENSE TECHNOLOGY
40	16N31A05A4	K SAMAIKYA	MIND CONTROLLED PASSWORD SYSTEMS
41	16N31A05A5	K NAGALAXMI	DEVOPS
42	16N31A05A6	K VIDYA CHANDANA	CYBER SECURITY
43	16N31A05A7	K NAVEEN KUMAR	POCOMO
44	16N31A05A8	L SAI MAHANTH	MEAN STACK WEB DEVELOPMENT
45	16N31A05A9	L SHIVA PRASAD REDDY	CLOUD DROPS
46	16N31A05B0	L MADHAN GOUD	INTRODUCTION TO R PROGRAMMING LANGUAGE
47	16N31A05B1	M MANISH YADAV	ARTIFICIAL NEURAL NETWORK
48	16N31A05B2	M SANDEEP REDDY	DISTRIBUTED CLOUD
49	16N31A05B4	M VYSHNAVI	DAROC TECHNOLOGY
50	16N31A05B5	M RAVI CHANDRA	DEEP LEARNING
51	16N31A05B6	M SAKETH	HOLOGRAPHIC TECHNOLOGY
52	16N31A05B7	M NAGATEJA	DIGITAL LIBRARY
53	16N31A05B8	B SRAVAN	ZIGBEE TECHNOLOGY
54	16N31A05B9	P SAI SARANYA	3D INTERNET

MALLA REDDY ENGINEERING COLLEGE OF ENGINEERING AND TECHONOLGY

TECHNICAL SEMINARS   BRANCH : CSE   SECTION : D   YEAR/SEMESTER : IV/II

S.No.	ROLL NO	NAME	TITLE OF THE TOPIC
1	15N31A0544	Vishal Chandra	Internet of Things
2	16N31A05J1	M.Ganga Bhavani	Blue Brain Technology
3	16N31A05J2	R.Radha Venkata Lavanya	Mind Reading Computer

4	16N31A05J3	R.Kalpana	Data Leakage Detection
5	16N31A05J4	Ruksana Begum	Bluetooth Technology
6	16N31A05J5	S.Veerendra	Wearable Computers
7	16N31A05J6	S.Vinay	Phishing
8	16N31A05J7	Sagar kaushik	Graphic Processing Unit
9	16N31A05J8	N.Sai Chandan	Game Playing using AI
10	16N31A05J9	S.Sai Prasad	Smart E-mail Security
11	16N31A05K0	T.Sai Priya	Smart card Security
12	16N31A05K1	S.Vamshi Krishna	Cyber Security&Ethical Hacking
13	16N31A05K2	S.Sharanya	3D Internet
14	16N31A05K3	S.Ravindra	Artificial Eye
15	16N31A05K5	S.Sarvani	Disease Prediction Using Data Minning
16	16N31A05K6	S. Jyothi Praveen	Computer Forensics
17	16N31A05K8	Arshad Parvez	Machine Learning
18	16N31A05K9	Shaik Azaruddin	Augmented Reality
19	16N31A05L1	Simran Saxena	Credit Card Fraud Detection
20	16N31A05L2	S.Nikhil	Virtual Reality
21	16N31A05L3	S.Dasaradh	Digitalization
22	16N31A05L4	S.Kotachary	Finger Print Technology
23	16N31A05L5	Sudha Hanisha	Artificial Neural Networks
24	16N31A05L6	T.Alekhya	Smart Mirrors
25	16N31A05L8	T.Sushmitha	Pill Camera
26	16N31A05L9	T.Deepika	Digital Jewellery
27	16N31A05M0	T.Adarsh	LiFi
28	16N31A05M1	T.Aruna	Zigbee Technology
29	16N31A05M2	T.Jyosthna	Brain Gate
30	16N31A05M3	Thakur Akshitha Singh	Automatic Attendance system by Face Recognition
31	16N31A05M4	T.Sai Teja	Screenless Display
32	16N31A05M7	Vineeth Martin	Iris Scanning
33	16N31A05M8	T.Rohith	5G Technology
34	16N31A05M9	T.Sri Ram	Night Vision Technology
35	16N31A05N0	T.Manikanta Naga Hanuman	Recommender System
36	16N31A05N1	T.Raghava	Digital Piracy
37	16N31A05N2	T.Sai manohar	Automation of Aviation Control
38	16N31A05N3	U.Lakshmi Sivani	DNA Computing
39	16N31A05N5	U.Sudhakar	Ambient Intelligence
40	16N31A05N6	V.Kaveri	Digital Library in Academic Environment
41	16N31A05N7	V.Pushpa Latha	Digital Image Processing

42	16N31A05N8	Vandana Dubey	Docker
43	16N31A05P0	G.Vinay	Mobile Phone Cloning
44	16N31A05P1	Vineeth raghav	Cipher Algorithm
45	16N31A05P2	Vishwaksen Reddy	Technology Involved inVedio Games
46	16N31A05P3	Harish Vithan	Migration to 4G
47	16N31A05P4	S.Vivekananda	Global Positioning System
48	16N31A05P5	Varun Yama	Plastic Memory
49	16N31A05P7	Y.Krishna Reddy	IMAX Technology
50	16N31A05P9	V.Hari Janardhan	Neuromorphic Computing
51	16N31A05Q1	Prajwal	MiniMax Algorithm
52	16N31A05Q2	Rupak Acharya	Block chain
53	15N31A0507	Anjali	Digital memory Access
54	17N31A0501	B.Pranitha	4G Technology
55	17N31A0502	B.Srikanth	Intelligent Traffic Information
56	17N31A0503	J.Shravani	Sensor Technology
57	17N31A0504	Venkat Sai	Gi-Fi Technology
58	17N31A0505	K.Srikanth	Palm Vein Technology
59	17N31A0506	Tharun	Employee Management

ECE

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY			
Dept.Of Electronics & Communication Engineering			
IV ECE Technical Seminar Details for the Academic Year: 2019-20			
S.NO	HALLTICKET NUMBER	STUDENT NAME	TOPIC NAME
1	16N31A0401	A DEEKSHITH	FACE RECOGNITION
2	16N31A0402	A NIHARIKA REDDY	BIOMETRIC VOTING MACHINE
3	17N35A0406	GOSKULA ANIL	IOT ENABLED SMART HOME SYSTEMS
4	15N31A0414	B ANIL BABU	ELECTRONIC TEXTILES TECHNOLOGY
5	16N31A0404	R POOJITHA	SIXTH SENSE TECHNOLOGY
6	16N31A0405	A SREE BHAVANARAYANA SUDHIR	BIONICS
7	17N35A0404	GADARI PRAVEEN	TOUCHLESS AND TOUCHSCREEN USER INTERFACE
8	17N35A0405	GAJULA SANDEEP	PAPER BATTERY
9	16N31A0406	AASHRITHA NEELI	QUANTUM COMPUTERS
10	16N31A0407	ABHINAY KANAPARTHI	TENSOR FLOW

11	17N35A0402	BEJJANKI SANGEETHA RANI	AIR POWERED CAR
12	17N35A0403	DASARI SUMANTH	OLED
13	16N31A0408	AKASH TAH	AUTONOMOUS VEHICLES
14	16N31A0409	AKULA PRASAD GOUD	NIGHT VISION TECHNOLOGY
15	16N31A0460	GUDUR MANISWARAN REDDY	WIRELESS PUR TRANSMISSION
16	17N35A0401	ABHINAV S NANCHARI	BIO BATTERY
17	16N31A0410	AKULA RAMESH TARINI	WEARABLE TECHNOLOGY
18	16N31A0411	ALLU SANDEEP KUMAR REDDY	ATIFICIAL PASSENGER
19	16N31A0458	A VAMSHI KRISHNA	VERICHIP
20	16N31A0459	RISHU KUMAR	5G TECHNOLOGY
21	16N31A0412	ANGIREKULA POOJITHA	SMART DUST
22	16N31A0413	ANNANGI ANIL KUMAR	SMART EYE
23	16N31A0455	DHUMANTARAO VARENYU	WIFI 6
24	16N31A0456	DOMALA MANOJKUMAR	BATTERYLESS PHONE
25	16N31A0414	APOORVA NITHIN KUMAR	BLUE BRAIN
26	16N31A0415	ARAVIND RATHOD	TELE MEDICINE
27	16N31A0453	DEVULAPALLY KIRAN KUMAR	BLACK BOX
28	16N31A0454	DHESHOJU KALYAN KUMAR	FUTURE APP OF DIGITAL IP
29	16N31A0416	ARRABOLU CHANDRA SHEKAR REDDY	ZED BOARD
30	16N31A0417	ASKANI JEEVITHA	5 PEN PC TECHNOLOGY
31	16N31A0451	DEVARANENI ANIL	ALEXA
32	16N31A0452	DEVARAYA SANDYA	BLUE EYE
33	16N31A0418	AURADKAR APOORVA	AUDIO SPOT LIGHT
34	16N31A0419	AVILAPAKA SRILEKHA	SMART PEN
35	16N31A0449	DASARI SAICHAND	INTELLIGENT TRANSPORT SYSTEM
36	16N31A0450	DEPA RAJASHEKAR REDDY	AUTOMATIC SUN TRACKING SYSTEM
37	16N31A0420	MADIKONDA JESLIN ANGEL	BRAIN FINGER PRINTS
38	16N31A0422	BANDAMULA NAVANEETHA	NANO TECHNOLOGY
39	16N31A0447	DACHEPALLI LEKHAN GURU SAI	VIRTUAL REALITY

40	16N31A0448	DAMARLA PANDURANGA NARENDRA SAI	SPACE ROBOTICS
41	16N31A0423	BANDARU SUMANTH	SOLAR TREE
42	16N31A0425	BEEREDDY PRANITHA	EYEBASE ELECTRIC WHEEL CHAIR CS
43	16N31A0444	CHIRASAMBAR SHIVANI	NEAR FIELD COMMUNICATION
44	16N31A0446	D SAI HARIKA	E-BOMB
45	16N31A0426	BEJJAM PRAMEELA	AUTOMATIC RAILWAY GATE CONTROL
46	16N31A0427	BETHI REDDY RAHUL	SOLAR BASED IRRIGATION SYSTEM
47	16N31A0442	CHETTIPALLY SHIVANI SHRI AMULYA	FLEXIBLE ELECTRONICS
48	16N31A0443	CHINTALAPATI JAYARAM	ITWIN
49	16N31A0428	BHASKARLA SUDHA ARCHANA	3D IC
50	16N31A0429	BHEEMA TEJASWI	PILL CAMERA
51	16N31A0440	CHANDARLAPATI SAI LOHIT	ELECTRONIC SKIN
52	16N31A0441	CH MANISH SAI KRISHNA	HYPERLOOP
53	16N31A0430	BHIMANADHAM SAI PRANASYA	PALMVEIN TECHNOLOGY
54	16N31A0431	BHUPATI RAJULAKSHMI SAI PRUDHVI RAJU	CLOUD COMPUTING
55	16N31A0437	BYROJU YASHASHREE	ENERGY KITES
56	16N31A0439	CHANDALURU NIMESH REDDY	LIFI TECHNOLOGY
57	16N31A0432	BODUKURALAM PAVAN KUMAR	RFID
58	16N31A0433	BOINI PRAGATHE	MONEYPAD THE FUTURE WALLET
59	16N31A0434	BOMMISETTY VISHNU HEMANTH	MORPH MOBILES
60	16N31A0436	BUJAGOUNI VAISHNAVI GOUD	SMART WALLET
61	16N31A0461	DUBBA SWAGHATH	Mobile Based Network Monitoring System
62	16N31A0462	DUDAM SUMANA	Microcontroller Based Missile Detection and Destroying
63	16N31A0463	ELIPE SUSHMITHA	Finger Print Authentication
64	16N31A0464	G NISHWANTH SAI KUMAR	VLSI Implementation of OFDM
65	16N31A0465	G PUSHPA PRIYANKA	FPGA Based Wireless Control Systems for Robotic Applications
66	16N31A0466	G SAHITYA	Global System for Mobile Communications

67	16N31A0468	GADASU NAMRUTH	Wireless USB
68	16N31A0470	GADI PRAKASH RAJ	Embedded Systems in Automobile
69	16N31A0471	GADIPARTHI VASANTHI	Bluetooth Technology
70	16N31A0472	G MAHESH KUMAR	Wireless Solar Mobile Charger
71	16N31A0473	G BALACHANDER	Smart Cameras in Embedded System
72	16N31A0475	GOLLA ROHITH	Securing Wireless Sensor Network Security
73	16N31A0477	GUDURU SOWMYA REDDY	Wireless MIMO-Antenna Based Communication System
74	16N31A0478	GUGULOTH LOKESH NAIK	ATM Security Using Eye and Facial Recognition System
75	16N31A0479	GUGULOTH RAJESH	Smart Sensors
76	16N31A0480	GUNDLA PRANATHI	5G Mobile Technology
77	16N31A0481	GUTHA AMARNATH	Image Coding Using Zero Tree Wavelet
78	16N31A0482	H SAI KRISHNA REDDY	Securing Underwater Wireless Communication Networks
79	16N31A0483	HATKAR ANIL	8K High Resolution Camera System
80	16N31A0484	J N S PAVANI	Solar Mobile Charger
81	16N31A0485	J ANUDEEP	ATM Security Using Eye and Facial Recognition System
82	16N31A0486	J UMAMAHESHWAR REDY	Easy-To-Swallow Wireless Telemetry
83	16N31A0487	J SRI SAI ARUN SHARMA	Advances in Magnetic Field Sensors
84	16N31A0488	JANGA JEEVANA JYOTHI	Mobile Train Radio Communication
85	16N31A0489	JANGAM SHIVAPRASAD	Security In Embedded Systems
86	16N31A0490	J.SARVANI	Wireless Microserver
87	16N31A0492	J ARACHANA	Battery Less Phones
88	16N31A0493	K AVINASH	Role of Internet Technology in Future Mobile Data System
89	16N31A0494	K RAKESH KUMAR	Speed Detection of moving vehicle using speed cameras
90	16N31A0495	K.SHAILAJA	Laser Communications
91	16N31A0496	K SURYA KRISHNA	E-Commerce
92	16N31A0497	K N AKHILA VAISHNAVI	VLSI Computations
93	16N31A0498	KAITHOJU SAI KRISHNA	Free Space Laser Communications
94	16N31A0499	KAKDE SUSHANTH	High Performance DSP Architectures
95	16N31A04A0	KALLU SAI SUJAN REDDY	Distributed Integrated Circuits
96	16N31A04A2	K ABHIRAMI AISHWARYA	ARM Based Embedded Web Server
97	16N31A04A4	KANDUNURI SHIVANI	Advanced DSP Processor
98	16N31A04A6	KASTURI PRANAY	Organic Light Emitting Diode
99	16N31A04A7	KATTA HARIKRISHNA	Nanotechnology

100	16N31A04A8	KOLIPAKA AKHIL	Solar Tree
101	16N31A04A9	KOLLURI VEERABRAMHAM	Introduction to the Internet Protocols
102	16N31A04B0	K ASWIN KUMAR	Cellular Communications
103	16N31A04B1	KONDLE SAI	Satellite Radio TV System
104	16N31A04B2	KORIVISHETTI RAJU	MIMO Wireless Channels
105	16N31A04B3	KORRA MANIKANTH NAIK	Low Power UART Design for Serial Data Communication
106	16N31A04B4	KOTRA SHIVA SHANKAR	Wideband Sigma Delta PLL Modulator
107	16N31A04B5	KRITIKA GOYAL	Image Authentication Techniques
108	16N31A04B6	K UMESH CHANDRA	An ATM With An Eye
109	16N31A04B7	KUMARAM ROJA	Automatic Vehicle Locator
110	16N31A04B8	MOHAMMED SHAHID	Paper Battery
111	16N31A04B9	M.VAISHNAVI	Micro-Controller Based Digital Visitor Counter
112	16N31A04C0	K VAMSI KRISHNA	Automatic Number Plate Recognition
113	16N31A0A3	K. SAI VAMSI	Electronics Number Lock
114	17N35A0407	GUJJE PRASHANTH	LTE Technology
115	17N35A0408	J.SWATHI	Cellular Digital Packet Data
116	17N35A0409	J.SHIVAGANESH	Home Appliance Control By Mobile
117	17N35A0410	K.MADHU	LED Based Moving Message Displays
118	17N35A0411	KAKI PAVAN KUMAR	Laser Guided Missile
119	17N35A0412	KASIRE RAJESHWAR	AI for Speech Recognition
120	16N31A04C1	Kura Manikanth	TOUCH SCREEN TECHNOLOGY
121	16N31A04C3	MATTUKARA KARTHIK	ANDROID
122	16N31A04C4	M SWAGATH REDDY	
123	16N31A04C5	MACHARAM NARESH REDDY	ROBOTICS
124	16N31A04C6	MACHARLA HASINI	WIRELESS POWER TRANSMISSION THROUGH SPS
125	16N31A04C7	MADDURI. MANASA	BLUE EYES TECHNOLOGY
126	16N31A04C8	MADEL SAI DIVYA	ELECTRONIC SKIN
127	16N31A04C9	M SRIKANTH	PAPER BATTERY
128	16N31A04D0	M SAIKARTHIK	HOLOGRAPHY
129	16N31A04D1	MALLU SRINIDHI	OPTICAL COMPUTERS
130	16N31A04D2	MAMINDLA VISHAL	HAWK EYE
131	16N31A04D3	M Sai Ganesh Reddy	WIRELESS GI FI TECHNOLOGY
132	16N31A04D4	MANDHA ARCHANA	POLYTRONICS
133	16N31A04D5	MANDULA KALYAN	BLUE BRAIN TECHNOLOGY
134	16N31A04D6	MANGISHETTI RAKESH	BLOCK CHAIN TECHNOLOGY

135	16N31A04D7	md faraaz hussain	RFID
136	16N31A04D8	MEHTA SHUBHAM JAIN	FAST CHARGING TECHNIQUE
137	16N31A04D9	Meni Saketh Ram	LATEST ENCRYPTION TECHNIQUE
138	16N31A04E0	MERGU KALYAN	SMART PHONE TECHNOLOGY
139	16N31A04E2	MITTAPALLI SESHIDHAR	ARTIFICIAL PASSENGER
140	16N31A04E3	MOHAMMAD AMJAD PASHA	BRAIN FINGERPRINT TECHNOLOGY
141	16N31A04E4	MOHAMMAD AZHAR UDDIN	VIRTUAL KEYS
142	16N31A04E5	MOHAMMED SAILANI	WIRELESS POWER TRANSMISSION
143	16N31A04E6	MOTHE ARYAN HRUSHIK	POWER RUBBED THE RIGHT WAY
144	16N31A04E8	M NARESH	IRIS RECOGNITION
145	16N31A04E9	MUSTHYALA SHRAVYA	CIVIL SOLAR TREE
146	16N31A04F0	MUTHINENI NIKHILTEJA	ELECTRONIC TOLL SYSTEM
147	16N31A04F2	MYADAM MEENAKSHI	FIVE PEN PC TECHNOLOGY
148	16N31A04F3	NAGASREE MANASA CH	BARCODE TECHNOLOGY
149	16N31A04F4	NAKKA PRATHYUSHA	SPACE ROBOTICS
150	16N31A04F5	NAKKA PRATHYUSHA	NIGHT VISION TECHNOLOGY
151	16N31A04F6	NARLA DAMODAR	GOOGLE BALLOON
152	16N31A04F7	NELLURI RAKHIL KUMAR	RAINBOW TECHNOLOGY
153	16N31A04F8	NETHINTI NAVEEN	IOT
154	16N31A04F9	NUDURUPATI BHAVANA	BIOCHIP TECHNOLOGY
155	16N31A04G0	N SHIVA RAMA KRISHNA	WIRELESS BATTERY CHARGER
156	16N31A04G1	OWAIS KHAN	DEEP LEARNING
157	16N31A04G2	P.JASHWANTH REDDY	WI C
158	16N31A04G3	P.SRI CHANDANA	ELECTRONIC TEXTILES
159	16N31A04G4	PANDIRLA ARUN	BLU RAY AND HD TECHNOLOGY
160	16N31A04G5	P SAKALI RADHAKRISHNA	STELTH TECHNOLOGY
161	16N31A04G6	PANUGANTI BHARATH	DRONE TECHNOLOGY
162	16N31A04G7	P LAXMIPATHY DHAMAN	BLUE JACKING TECHNOLOGY
163	16N31A04G8	Parakala sumithreddy	LI FI
164	16N31A04G9	P PRAVALIKA	HAPTIC TECHNOLOGY
165	16N31A04H0	P.SNEHITH REDDY	IN DISPLAY CAMERA TECHNIQUE
166	16N31A04H1	PASHAM JAYANTH KUMAR	X MAX
167	16N31A04H2	PEDDINTI SANDEEP	
168	16N31A04H3	PELLURI V S S N ANVESH	DATA LOGGER
169	16N31A04H4	PINDI JAYA TEJA	
170	16N31A04H5	POLASA SUSHMA	STRATELLITE
171	16N31A04H6	PONNA.ANUSHA	SILENT SOUND TECHNOLOGY

172	16N31A04H7	POTHU PRAMADHA	OLED
173	16N31A04H8	PRATHIK MAHAGOWLI	SECURITY TECHNIQUES IN ESD
174	16N31A04H9	SOMAWAR SAIKIRAN	FLEXIBLE ELECTRONICS AND DISPLAY
175	16N31A04J0	SADULA.MOUNIKA	BIO BATTERY
176	17N35A0413	KONTHAM GANESH	SMART ANTENNA
177	17N35A0414	KOTHAPALLY PRASHANTH	
178	17N35A0415	MANNE RAVEEN	SPINTRONICS
179	17N35A0416	ODELA JEEVAN	SNIFFER FOR MOBILE PHONE
180	17N35A0417	PADITHEM ANUSHA	RASBERRY PI
181	17N35A0418	R VINAY KUMAR	POLYMER MEMORY
182	16N31A04J2	PUPPALA KARTHIK	OLED Technology
183	16N31A04J3	PURETI DILEEP KUMAR	Biometric of Voting system
184	16N31A04M4	TIGALA RAVEENA	Pill Camera
185	15N31A0417	BEESUPALLI MANIDEEP YADAV	RFID
186	16N31A04J4	R. SRIKANTH REDDY	Underwater wireless communication
187	16N31A04J5	RAMISETTI RAJANI	Paper Battery
188	17N35A0422	VALLAPU REDDY SUNITHA	Bluetooth Technology
189	17N35A0423	YEKKALA BHARGAV SAI KRISHNA	5G Wireless Technology
190	16N31A04J6	RANGA SIVA SAI	Polytronics
191	16N31A04J7	RASAPUTRA POOJA	Brain Fingerprinting Technology
192	17N35A0420	THIPPANAGARI VAMSHIKRISHNA GOUD	GPS
193	17N35A0421	USHKAMALLA HARIKRISHNA	ITFJ Technology
194	16N31A04J8	RATHOD CHAJULAL	Smart Card Technology
195	16N31A04J9	KAMPATI SAIKUMAR	EYE Directive Wheel Chair
196	16N35A0410	CHALLA RAHUL REDDY	Accident Detection
197	17N35A0419	SATRI SAMUEL MANOHAR RAJ	Blue Brain
198	16N31A04K0	RYAKALA SAITEJA	Traction Control
199	16N31A04K1	S JOSHITHA	Touchscreen Technology
200	16N35A0401	ANNAM NARENDAR	Solar Tree
201	16N35A0406	BAIRI LAWAN KUMAR	Light Fidility
202	16N31A04K2	S S SANJEEV KOUSHIK	Invisibility Cloacking
203	16N31A04K3	S SAI ADITYA	Wireless Electricity
204	16N31A04P9	V.SHASHIDHAR	Paper Battery
205	16N31A04Q1	SANTOSH DHAKAL	Robotic

206	16N31A04K5	SAGROLIKAR AVADHOOT SHAILESH RAO	Plastic Solar Cell
207	16N31A04K6	SANDAPETA SAIKIRAN	Helio Display
208	16N31A04P7	SHAIK MOHAMMED MOINUDDIN	Hyper Loop
209	16N31A04P8	SINDHU VARMA	Rainbow Technology
210	16N31A04K8	S HARSHITHA	Blue Eyes Technology
211	16N31A04K9	SEELAM SAIPALLAVI	Space Solar Power
212	16N31A04P5	YERUVA BALA NIHARSH REDDY	4G Technology
213	16N31A04P6	VAIBHAV KUMAR SHUKLA	Augmented Reality
214	16N31A04L0	SHAIK IMRAN	Audio spotlight Technology
215	16N31A04L1	SHAIK SHOAIB YASEEN	Sniffer for Mobile Phones
216	16N31A04P3	PRASANNA	Solar Power
217	16N31A04P4	YENUMULA NAGA SAI	Smart Car Technology
218	16N31A04L2	SHASTRI ADITYA	Children Safety Wearable Device
219	16N31A04L3	SIDDHA PAVAN KALYAN	Solar Tracking System
220	16N31A04P0	YEDDU RAJ KUMAR	Accident Detection using GSM & GPS
221	16N31A04P1	AISHWARYA YELISETTY	Battery less phone
222	16N31A04L4	SOMU AKHIL	Data leakage Detection
223	16N31A04L5	SOUDARAPELLY VIVEK KUMAR	Solar Tree
224	16N31A04N8	VENKATA SAI RAM NADAKUDATI	Ballon Technology
225	16N31A04N9	VINUKONDA SAIKIRAN	Laser Communication
226	16N31A04L6	SOULLA ABHINAV	Artificial Eye
227	16N31A04L7	SRUJAN THOTA	Security in Embedded System
228	16N31A04N5	VEDAVALLI BHAVANISHANKAR	Night Vision Technology
229	16N31A04N7	VEMULA SRIRAM	Bionic Eye
230	16N31A04L8	SUNCHU CHANDU	Touchscreen Technology
231	16N31A04L9	SUNDARAGIRI AJAY KALYAN	Flexible Electronic Skin
232	16N31A04N1	V.VISHNU	Adaptive Cruise Control
233	16N31A04N3	VANGALA HARIKA SAI SRIDEVI	Brain Gate Technology
234	16N31A04M0	SURUVUSHARANYA	5 ball PC Technology
235	16N31A04M1	SONGALA MANIKANTA	Solar Based Mobile Charger
236	16N31A04M9	UTADA NEELIMA DEVI	Animatronics
237	16N31A04N0	VILLURU KAVYA REDDY	5 Pen PC Technology

238	16N31A04M2	SYED JAVEED HUSSAIN	Solar Tree
239	16N31A04M3	SYED MUZEMILL	Deep Learning
240	16N31A04M6	TAMMINEEDI JYOSHNA	Smart Note Taker
241	16N31A04M8	THOTA NEERAJ	Virtual Reality & Augmented Reality

IT

MALLA REDDY COLLEGE OF ENGINEEERING & TECHNOLOGY			
IT IV-C Technical Seminar DETAILS			
SNO	ROLL NO	NAME	PRESENTED TOPIC NAME
1	17N31A12C1	Palla Venu Reddy	Silent Sound Technology
2	17N31A12C2	Paritala Nikhil Chowdary	Natural Language Processing
3	17N31A12C3	Potharaju Pavan Sai Vikas	Machine Learning
4	17N31A12C4	Pathi Sai Charan	Zigbee Protocol
5	17N31A12C5	Patlolla Rahul Reddy	Artificial Intelligence
6	17N31A12C6	Peddakotla Sailahari	Smart Note Taker
7	17N31A12C7	Polemoni Jashwanth	3D Password
8	17N31A12C8	Potla Sai	Biometric Security System
9	17N31A12C9	Raavi Sai Deep	Artificial Intelligence
10	17N31A12D0	Rachakonda Tejaswi	Mind Reading Computer
11	17N31A12D1	Rajarapu Rachana	Data Mining
12	17N31A12D2	Ramavath Harathi	Bluetooth 5.0
13	17N31A12D3	Ruchika Neerati	Artificial Intelligence
14	17N31A12D4	S Akanksha Reddy	Autonomous Cars
15	17N31A12D5	Sai Ravi Teja Poddaturi	Online Atms
16	17N31A12D6	Sai Tejaswini Kondaveeti	Microsoft Hololens
17	17N31A12D7	Samreen Sultana	Bionic Eye
18	17N31A12D8	Sanka Pothana Savan Kumar	Recent Trends in Machine Learning
19	17N31A12D9	Sarasani Adarsh Reddy	BigData Analytics
20	17N31A12E0	Sarode Niharika	Skinput Technology
21	17N31A12E1	Seedarla Abhishek	Human Movement Detection
22	17N31A12E2	Sesham Sai Ram	Basics Of Mongodb
23	17N31A12E3	Shaik Abdul Bakhtiar	Optical Storage Technology.

24	17N31A12E4	Shaik Faisal Malik	Cloud Storage
25	17N31A12E5	Shamanthula Harshavardhan	Semantic Web
26	17N31A12E6	Siddamshetty Ramana	Data Science
27	17N31A12E8	Solige Geyavani	Soft Computing
28	17N31A12E9	Solupati Uday Kiran Reddy	Fuzzy Logic
29	17N31A12F0	Surkuntwar Sai Kiran	Touchless Touchscreen Technology
30	17N31A12F1	Shefalika Laxman Tallapelli	The Darq Technology
31	17N31A12F2	Thirugudu Sony	Global Wireless E-Voting
32	17N31A12F3	Thota Sejal	Robotics
33	17N31A12F4	Uppu Reshmitha	Wireless Application Protocol
34	17N31A12F5	V .Karthik Satya Narayana Sarma	Voice Morphing
35	17N31A12F6	Valaboju Chandralekha	Blue Eye Technology
36	17N31A12F7	Varadaraj Raghavendra Kamath	Blue Brain
37	17N31A12F8	Vempati Tejaswini	Silent Sound Technology
38	17N31A12F9	Vikrant Upadhyay	Tesla
39	17N31A12G0	Vislavath Naveen Kumar	Cryptography
40	17N31A12G1	Vodapally Rohith	Search Engine Optimization
41	17N31A12G2	Vulpe Kartik	Fast And Secure Protocol
42	17N31A12G3	Vuppala Sravani	Big Bata
43	17N31A12G5	Yedla Deepshika	Cloud Computing
44	17N31A12G7	Sirimalle Sai Teja	Internet of Things,IoT
45	**17N31A12G8**	Kasetty Venkat Sai	Cryptography
46	17N31A12G9	Ch Beeshma Sai Manoj	Block Chain Technology
47	17N31A12H0	Anthareddy Pranavi	Ethical Hacking
48	17N31A12H1	Maligireddy Sai Vignesh Reddy	Robotic Surgery
49	17N31A12H2	Kache Anirudh Kumar	Firewalls
50	17N31A12H3	Kambhampati Sai Santhosh	Image Processing
51	**17N31A12H4**	Lambu Praneeth	Artificial Passenger
52	**17N31A12H5**	Vaddi Priyanka	Recent Trends in Machine Learning
53	**17N31A12H7**	Seelam Srinivasreddy	Deep Learning Algorithms
54	**17N31A12H8**	Boggula Tharunreddy	Google Driverless Car

DIGITAL NOTES
ON
DATA STRUCTURES USING PYTHON

B.TECH II YEAR - II SEM
(2019-20)

DEPARTMENT OF INFORMATION TECHNOLOGY

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY

II Year B.Tech. II Sem   **L T/P/D C**
                                                            3 - / -/ -   3

OPEN ELECTIVE I
(R18A0553) DATA STRUCTURES USING PYTHON

OBJECTIVES:

1) To read and write simple Python programs.
2) To develop Python programs with conditionals and loops.
3) To define Python functions and call them.
4) To use Python data structures –- lists, tuples, dictionaries.
5) To do input/output with files in Python.

UNIT I
Introduction to Python, Installation and Working with Python, Understanding Python variables Python basic Operators, Understanding python blocks, Python Data Types: Declaring and using Numeric data types: int, float,complex,Using string data type and string operations.

UNIT II
Control Flow- if, if-elif-else,loops ,For loop using ranges, string ,Use of while loops in python,Loop manipulation using pass, continue, break and else,Programming using Python conditional and loops block,Python arrays.

UNIT III
Functions -Calling Functions, Passing Arguments, Keyword Arguments,Default Arguments, Variable-length arguments, Anonymous Functions, Fruitful Functions(Function Returning Values), Scope of the Variables in a Function - Global and Local Variables.Powerful Lamda function in python.

UNIT IV
Data Structures-List Operations, Slicing, Methods; Tuples, Sets, Dictionaries,Sequences. Comprehensions,Dictionary manipulation, list and dictionary in build functions

UNIT V
Sorting:BubbleSort,SelectionSort,InsertionSort,Mergesort,Quicksort.LinkedLists,Stacks,Queues

OUTCOMES:

Upon completion of the course, students will be able to
1) Read, write, execute by hand simple Python programs.
2) Structure simple Python programs for solving problems.
3) Decompose a Python program into functions.
4) Represent compound data using Python lists, tuples, dictionaries.
5) Read and write data from/to files in Python Programs

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

INDEX

NOTE:-List only main topics

UNIT - I

INTRODUCTION TO PYTHON:

Python is a widely used general-purpose, high level programming language. It was initially designed by **Guido van Rossum in 1991** and developed by Python Software Foundation. It was mainly developed for emphasis on code readability, and its syntax allows programmers to express concepts in fewer lines of code. Python is a programming language that lets you work quickly and integrate systems more efficiently.

There are two major Python versions- **Python 2 and Python 3**.
- On 16 October 2000, Python 2.0 was released with many new features.
- On 3rd December 2008, Python 3.0 was released with more testing and includes new features.

Beginning with Python programming:

1) Finding an Interpreter:
Before we start Python programming, we need to have an interpreter to interpret and run our programs. There are certain online interpreters like **https://ide.geeksforgeeks.org/**, http://ideone.com/ or http://codepad.org/ that can be used to start Python without installing an interpreter.

Windows: There are many interpreters available freely to run Python scripts like IDLE (Integrated Development Environment) which is installed when you install the python software from **http://python.org/downloads/**

Differences between scripting language and programming language:

SCRIPTING LANGUAGE	PROGRAMMING LANGUAGE
A programming language that supports scripts: programs written for a special run-time environment that automate the execution of tasks	A formal language, which comprises a set of instructions used to produce various kinds of output
Execution speed is slow	Compiler-based languages are executed much faster while interpreter-based languages are executed slower
Can be divided into client-side scripting languages and server-side scripting languages	Can be divided into high-level, low-level languages or compiler-based or interpreter-based languages
Easier to learn	Not as easy to learn
Ex: JavaScript, Perl, PHP, Python and Ruby	Ex: C, C++, and Assembly
Mostly used for web development	Used to develop various applications such as desktop, web, mobile, etc.

2) Writing first program:
Script Begins
       Statement1
       Statement2
       Statement3
Script Ends

Why to use Python:

The following are the primary factors to use python in day-to-day life:

1. **Python is object-oriented**
   Structure supports such concepts as polymorphism, operation overloading and multiple inheritance.
2. **Indentation**
   Indentation is one of the greatest feature in python
3. **It's free (open source)**
   Downloading python and installing python is free and easy
4. **It's Powerful**
   - Dynamic typing
   - Built-in types and tools
   - Library utilities
   - Third party utilities (e.g. Numeric, NumPy, sciPy)
   - Automatic memory management
5. **It's Portable**
   - Python runs virtually every major platform used today
   - As long as you have a compaitable python interpreter installed, python programs will run in exactly the same manner, irrespective of platform.
6. **It's easy to use and learn**
   - No intermediate compile
   - Python Programs are compiled automatically to an intermediate form called byte code, which the interpreter then reads.
   - This gives python the development speed of an interpreter without the performance loss inherent in purely interpreted languages.
   - Structure and syntax are pretty intuitive and easy to grasp.
7. **Interpreted Language**
   Python is processed at runtime by python Interpreter
8. **Interactive Programming Language**
   Users can interact with the python interpreter directly for writing the programs
9. **Straight forward syntax**
   The formation of python syntax is simple and straight forward which also makes it popular.

DIGITAL NOTES
ON
AUTOMATA AND COMPILER DESIGN

B.TECH II YEAR - II SEM
R-18 (2019-20)

DEPARTMENT OF INFORMATION TECHNOLOGY

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)

(Affiliated to JNTUH, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC – „A" Grade - ISO 9001:2015 Certified)
Maisammaguda, Dhulapally (Post Via. Hakimpet), Secunderabad– 500100, Telangana State, INDIA.

III Year B.Tech-IT I – Sem	L T/P/D C
	3 -/-/- 3

(R18A1201)AUTOMATA & COMPILER DESIGN

OBJECTIVES: -

- To provide an understanding of automata, grammars, language translators.

- To know the various techniques used in compiler construction

- To be aware of the process of semantic analysis.

- To analyze the code optimization & code generation techniques.

UNIT - I:
Formal Language and Regular Expressions : Languages, Definition Languages regular expressions, Finite Automata – DFA, NFA. Conversion of regular expression to NFA, NFA to DFA.Applications of Finite Automata to lexical analysis, lex tools.
Context Free grammars and parsing : Context free grammars, derivation, parse trees, ambiguity LL(K) grammars and LL(1) parsing

UNIT - II:
Bottom up parsing handle pruning LR Grammar Parsing, LALR parsing, parsing ambiguous grammars, YACC programming specification.
Semantics : Syntax directed translation, S-attributed and L-attributed grammars, Intermediate code – abstract syntax tree, translation of simple statements and control flow statements.

UNIT - III:
Context Sensitive features – Chomsky hierarchy of languages and recognizers. Type checking, type conversions, equivalence of type expressions, overloading of functions and operations.

UNIT - IV:
Run time storage : Storage organization, storage allocation strategies scope access to now local names, parameters, language facilities for dynamics storage allocation.
Code optimization : Principal sources of optimization, optimization of basic blocks, peephole optimization, flow graphs, Data flow analysis of flow graphs.

UNIT - V:
Code generation : Machine dependent code generation, object code forms, generic code generation algorithm, Register allocation and assignment. Using DAG representation of Blocks

TEXT BOOKS:
1. Introduction to Theory of computation.Sipser, 2nd Edition, Thomson.

2. Compilers Principles, Techniques and Tools Aho, Ullman, Ravisethi, Pearson Education.

REFERENCES:
1. Modern Compiler Construction in C , Andrew W.Appel Cambridge University Press.

2. Compiler Construction, LOUDEN, Thomson.

3. Elements of Compiler Design, A. Meduna, Auerbach Publications, Taylor and Francis Group.

4. Principles of Compiler Design, V. Raghavan, TMH.

5. Engineering a Compiler, K. D. Cooper, L. Torczon, ELSEVIER.

6. Introduction to Formal Languages and Automata Theory and Computation - Kamala Krithivasan and Rama R, Pearson.

7. Modern Compiler Design, D. Grune and others, Wiley-India.

8. A Text book on Automata Theory, S. F. B. Nasir, P. K. Srimani, Cambridge Univ. Press.

9. Automata and Language, A. Meduna, Springer.

OUTCOMES:
- Understand the necessity and types of different language translators in use.

- Apply the techniques and design different components (phases) of a compiler.

- Ability to implement practical aspects of automata theory.

- Use the tools Lex, Yacc in compiler construction.

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

INDEX

UNIT -1

Fundamentals

Symbol – An atomic unit, such as a digit, character, lower-case letter, etc. Sometimes a word. *[Formal language does not deal with the "meaning" of the symbols.]*

Alphabet – A <u>finite</u> set of symbols, usually denoted by Σ.
$\Sigma = \{0, 1\}$
$\Sigma = \{0, a, 9, 4\}$
$\Sigma = \{a, b, c, d\}$

String – A <u>finite</u> length sequence of symbols, presumably from some alphabet. $w = 0110$
$y = 0aa$
$x = aabcaa$
$z = 111$

Special string: ε (also denoted by λ.)
Concatenation: $wz = 0110111$
Length: $|w| = 4$ $|\varepsilon| = 0$ $|x| = 6$
Reversal: $y^R = aa0$

Some special sets of strings:
Σ^* All strings of symbols from Σ
Σ^+ $\Sigma^* - \{\varepsilon\}$

Example: $\Sigma = \{0, 1\}$
$\Sigma^* = \{\varepsilon, 0, 1, 00, 01, 10, 11, 000, 001, \ldots\}$
$\Sigma^+ = \{0, 1, 00, 01, 10, 11, 000, 001, \ldots\}$

A **language** is:
A set of strings from some alphabet (finite or infinite). In other words,
Any subset L of Σ^*

Some special languages:
{ } The empty set/language, containing no string.
{ε} A language containing one string, the empty string.

Examples:
$\Sigma = \{0, 1\}$
$L = \{x \mid x \text{ is in } \Sigma^* \text{ and } x \text{ contains an even number of } 0\text{"s}\}$

$\Sigma = \{0, 1, 2, \ldots, 9, .\}$
$L = \{x \mid x \text{ is in } \Sigma^* \text{ and } x \text{ forms a finite length real number}\}$

= {0, 1.5, 9.326,...}

Σ = {a, b, c,..., z, A, B,..., Z}

L = {x | x is in Σ^* and x is a Pascal reserved word}
= {**BEGIN, END, IF,...**}

Σ = {**Pascal reserved words} U { (,), ., :, ;,...} U {Legal Pascal identifiers} L = {x | x is in Σ^* and x is a syntactically correct Pascal program}**

Σ = {**English words}**
L = {x | x is in Σ^* and x is a syntactically correct English sentence}

Regular Expression

- A regular expression is used to specify a language, and it does soprecisely.
- Regular expressions are veryintuitive.
- Regular expressions are very useful in a variety ofcontexts.
- Given a regular expression, an NFA-ε can be constructed from itautomatically.
- Thus, so can an NFA, a DFA, and a corresponding program, allautomatically!

Definition:
Let Σ be an alphabet. The regular expressions over $\Sigma$are:
Ø Represents the empty set {}
E Represents the set{ε}
Represents the set {a}, for any symbol a inΣ
Let r and s be regular expressions that represent the sets R and S, respectively.
r+sRepresents the set RUS   (precedence3)
rsRepresents thesetRS   (precedence2)
r* Represents thesetR*   (highest precedence)
(r) Represents thesetR   (not an op, providesprecedence)
If r is a regular expression, then L(r) is used to denote the correspondinglanguage.

Examples:
Let Σ = {0,1}
(0 +1)* All strings of 0"s and1"s0(0 +1)* All strings of 0"s and 1"s, beginning with a0
(0 +1)*1 All strings of 0"s and 1"s, ending with a1
(0 + 1)*0(0+1)* All strings of 0"s and 1"s containing at least one 0 (0 + 1)*0(0 + 1)*0(0+1)* All strings of 0"s and 1"s containing at least two
0"s (0+1)*01*01* All strings of 0"s and 1"s containing at least two
0"s (101*0)* All strings of 0"s and 1"s containing an even number of 0"s
1*(01*01*)* All strings of 0"s and 1"s containing an even number of 0"s
(1*01*0)*1* All strings of 0"s and 1"s containing an even number of0"s

Identities:

1. Øu = uØ=Ø   Multiply by0

2. εu = uε=u   Multiply by1

3. Ø* =ε

4. ε* =ε

5. u+v =v+u

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Maisammaguda, Dhulapally (Post Via. Kompally), Secunderabad – 500100, Telangana State, India

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

DIGITAL NOTES for POWER SYSTEMS - II (R18A0208)

For

B.Tech (EEE) – III YEAR – I SEMESTER

Prepared by

O. SAIDULU REDDY

A CITADEL OF LEARNING

III B.Tech EEE I Sem   L T/P/D   C
                                                                 3 1 / - / -3

(R18A0208) POWER SYSTEMS-II

COURSE OBJECTIVES:
- To design the insulators for overhead lines
- Understand the construction and grading of cables in power transmission.
- To examine A.C. and D.C distribution systems.
- To examine the traveling wave performance and sag of transmission lines.

UNIT-I:
OVERHEAD LINE INSULATORS, SAG AND TENSION CALCULATIONS: Types of Insulators, String efficiency and Methods for improvement, Numerical Problems - voltage distribution, calculation of string efficiency, Capacitance grading and Static Shielding Sag and Tension Calculations with equal and unequal heights of towers, Effect of Wind and Ice on weight of Conductor, Numerical Problems - Stringing chart and sag template and its applications.

UNIT-II:
UNDERGROUND CABLES: Types of Cables, Construction, Types of Insulating materials, Calculations of Insulation resistance and stress in insulation, Numerical Problems. Capacitance of Single and 3-Core belted cables, Numerical Problems. Grading of Cables - Capacitance grading, Potential grading Numerical Problems, Description of Inter-sheath grading - HV cables.

UNIT-III:
D.C DISTRIBUTION SYSTEMS: Classification of Distribution Systems –Comparison of DC vs. AC and Underground vs. Overhead Distribution Systems - Requirements and Design features of Distribution Systems. Voltage Drop Calculations (Numerical Problems) in D.C Distributors for the following cases: Radial D.C Distributor fed one end and at the both the ends (equal / unequal Voltages) and Ring Main Distributor.

UNIT– IV:
A.C DISTRIBUTION SYSTEMS: Voltage Drop Calculations (Numerical Problems) in A.C. distributors for the following cases: Power Factors referred to receiving end voltage and with respect to respective load voltages. Industrial and commercial distribution systems – Energy losses in distribution system – system ground for safety and protection.

UNIT-V:
SUBSTATIONS: Classification of substations – Air insulated substations – Indoor & Outdoor substations: Substations layout showing the location of all the substation equipment. Bus b a r arrangements in the S u b -Stations: Simple arrangements like single busbar, sectionalized   single busbar, main and transfer busbar system with relevant diagrams.

TEXT BOOKS:
1. A Text Book on Power System Engineering by M.L. Soni, P.V. Gupta, U.S. Bhatnagar,
2. Electrical power systems - by C.L Wadhwa, New Age International (P) Limited, Publishers, 1998.

3. "C. L. Wadhwa", "Generation and utilization of Electrical Energy", New age International (P)Limited, Publishers1997.

REFERENCE BOOKS:
1. Power system Analysis-by John J Grainger William D Stevenson, TMC Companies, 4th edition.
2. Power System Analysis and Design by B.R. Gupta, Wheeler Publishing
3. Power System Analysis by Hadi Sadat – TMH Edition.

COURSE OUTCOMES:
- Understand A.C. and D.C. distribution systems.
- Able to analyze the performance of distribution lines
- Able to analyze the performance of Sag and Tension Calculations
- Can understand transient's phenomenon of transmission lines.
- Able to understand overhead line insulators and underground cables.
- Able to distinguish between air and gas insulated substations.

UNIT –I
OVERHEAD LINE INSULATORS, SAG AND TENSION CALCULATIONS

INTRODUCTION TO MECHANICAL DESIGN OF TRANSMISSION LINE:

We know that the overhead line conductors are supported on the tower structure by means of line insulators. These conductors, which are made of copper or aluminum or its alloys have its own weight, especially in extra high voltage transmission line these conductors are very heavy. Due to its weight it exerts pressure on the insulators and the towers thus stress at the point of supports as well as the conductors are also subjected to high tension. It is very important that conductors are under safe tension. If the conductors are too much stretched between supports in a bid to save conductor material, the stress in the conductor may reach unsafe value and in certain cases the conductor may break due to excessive tension. In order to permit safe tension in the conductors, they are not fully stretched but are allowed to have a dip or sag.

The difference in level between points of supports and the lowest point on the conductor is called sag. The conductor sag should be kept to a minimum in order to reduce the conductor material required and to avoid extra pole height for sufficient clearance above ground level. It is also desirable that tension in the conductor should be low to avoid the mechanical failure of conductor and to permit the use of less strong supports. However, low conductor tension and minimum sag are not possible. It is because low sag means a tight wire and high tension, whereas a low tension means a loose wire and increased sag. Therefore, in actual practice, a compromise in made between the sag and tension.

Sag in Overhead Transmission Line:

While erecting an overhead line, it is very important that conductors are under safe tension. If the conductors are too much stretched between supports in a bid to save conductor material, the stress in the conductor may reach unsafe value and in certain cases the conductor may break due to excessive tension. In order to permit safe tension in the conductors, they are not fully stretched but are allowed to have a dip or sag. The difference in level between points of supports and the lowest point on the conductor is called sag. Following Fig. 8.1 shows a conductor suspended between two equal level supports A and B. The conductor is not fully stretched but is allowed to have a dip. The lowest point on the conductor is O and the sag is S.
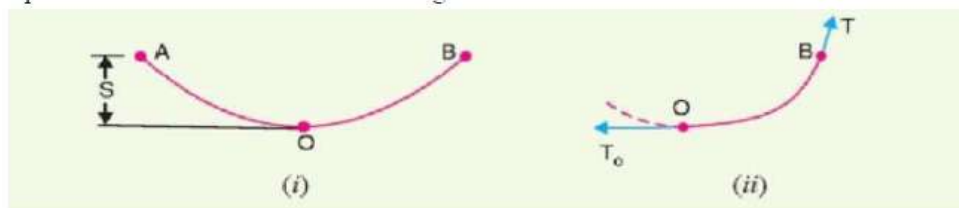
Fig 2.4- Sag in a transmission line

The following points may be noted:

(i) When the conductor is suspended between two supports at the same level, it takes the shape

of catenary. However, if the sag is very small compared with the span, then sag-span curve is like a parabola.

(ii) The tension at anypoint on the conductor acts tangentially. Thus tension T_0 at the lowest Point O acts horizontally as shown in Fig. (ii).

(iii) The horizontal component of tension is constant throughout the length of the wire.

(iv) The tension at supports is approximately equal to the horizontal tension acting at any point on the wire. Thus if T is the tension at the support B, then $T = T_0$.

Conductor sag and tension:

This is an important consideration in the mechanical design of Over head lines. The conductor sag should be kept to a minimum in order to reduce the conductor material required and to avoid extra pole height for sufficient clearance above ground level. It is also desirable that tension in the conductor should be low to avoid the mechanical failure of conductor and to permit the use of less strong supports. However, low conductor tension and minimum sag are not possible. It is because low sag means a tight wire and high tension, whereas a low tension means a loose wire and increased sag. Therefore, in actual practice, a compromise in made between the two.

CALCULATION OF SAG

A conductor is suspended between two supports '*A*' and '*B*' as shown in Fig.-6.1. The lowest point on the conductor is '*O*' and the sag is '*d*'. When the conductor is suspended between two supports at the same level, it takes the shape of catenary. However, if the sag is very small compared with the span, then sag-span curve is like a parabola. The tension at any point on the conductor acts tangentially. Thus tension '*T*' at the lowest point '*O*' acts horizontally as shown. The horizontal component of tension is constant throughout the length of the wire. The tension at supports is approximately equal to the horizontal tension acting at any point on the wire.
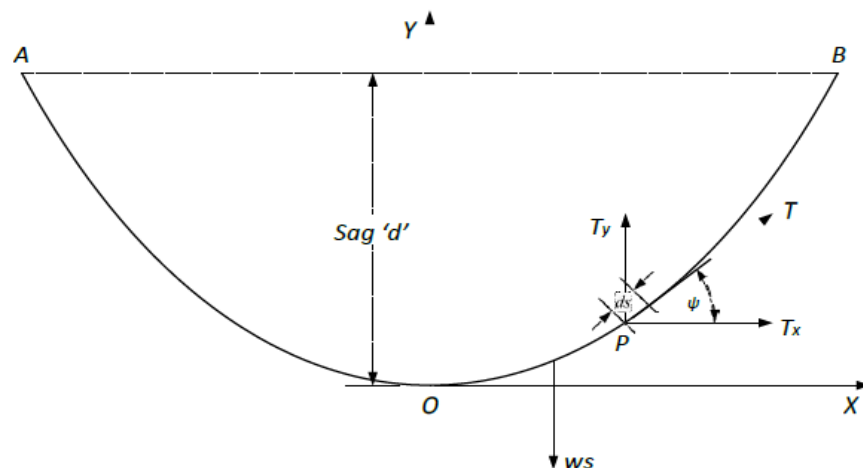

Fig.-6.1 Span of transmission line showing the conductor sag and tension (supports at same level)

Let us consider an elemental length of the conductor '*ds*' at point '*P*' on the conductor at the length of '*s*' from the center point '*O*' *(minimum point of the conductor)*. We can write the

vertical component and horizontal component of tension acting on the elemental length as follows.

$T_x = H$ and $T_y = ws$ where 'w' is the weight of the conductor per unit length of the conductor. At point 'P'

$$\tan\psi = \frac{dy}{dx} = \frac{T_y}{T_x} = \frac{ws}{H} \qquad (6.1)$$

For the elemental length of the conductor we can write

$$ds = \sqrt{dx^2 + dy^2} \Rightarrow \frac{ds}{dx} = \sqrt{1 + \left(\frac{dy}{dx}\right)^2} = \sqrt{1 + \left(\frac{ws}{H}\right)^2} \qquad (6.2)$$

Integrating and solving for constant we get

$$s = \frac{H}{w} Sinh \frac{wx}{H} \qquad (6.3)$$

Thus from(6.1) and (6.3) we get after solving for constant

$$y = \frac{H}{w}\left(Cosh \frac{wx}{H} - 1\right) \qquad (6.4)$$

(6.4) is the equation of catenary. At point 'P' the tension 'T' is given by

Online Educational Videos

2019-20

MOBILE 2.0

Mobile 2.0 is also known as Mobile Web 2.0, but there is no universally agreed upon definition.Mobile 2.0 refers to the extension, but not a simple replication, of Web 2.0 to mobile devices. Taking advantage of the unique features of mobile telecommunication networks and mobile devices such as mobility and handiness.

teams.microsoft.com is sharing your screen.   **Stop sharing**   Hide

Small Computing Device Requirements

There are minimum resource requirements for a small computing device to run a J2ME application. They are

1.**Diaplay:** the device must have a minimum of 96 × 54 pixel display that can handle bitmapped graphics.

2.**Input Devices:** A way for users to input information, such as a keypad, keyboard, or touch screen.
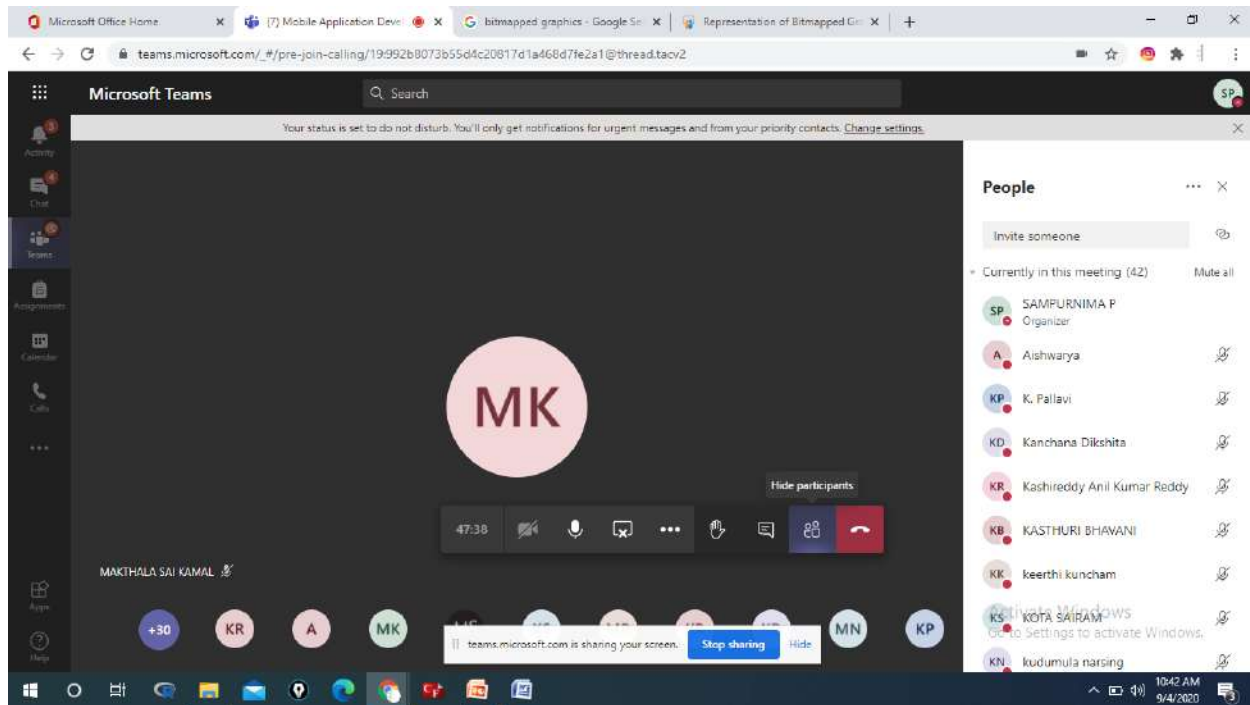
J2ME

Overview The World of Java

1. Java is one of the world's most important and widely used computer languages, and it has held this distinction for many years.

2. Unlike some other computer languages whose influence has weared with passage of time, while Java's has grown.

3. Java is a high level, robust, object-oriented and a secure and stable programming language but it is not a pure object-oriented language because it ... types like int, char etc.

MIDlet LifeCycle

MOBILE APPLICATION DEVELOPMENT LAB   **2019-2020**

3. Menu Creation   DATE:

Lets create a program with following kind of menu.
* cut
* copy
* past
* delete
* select all
* unselect all
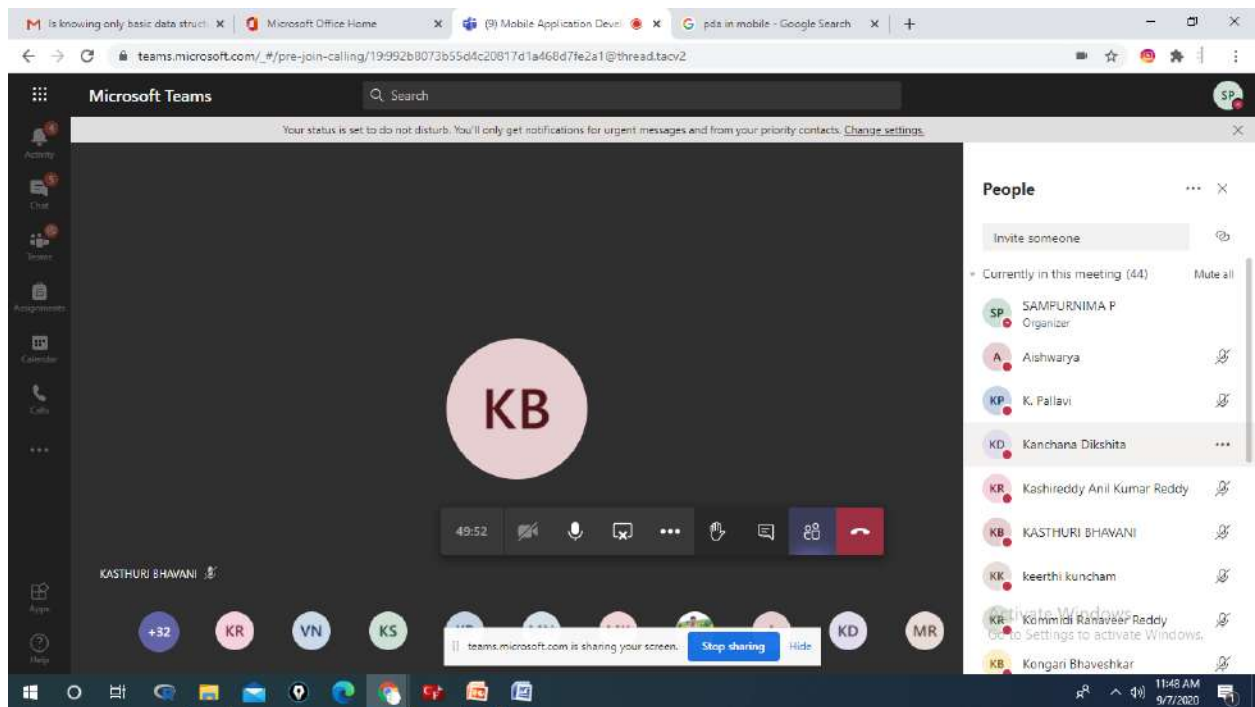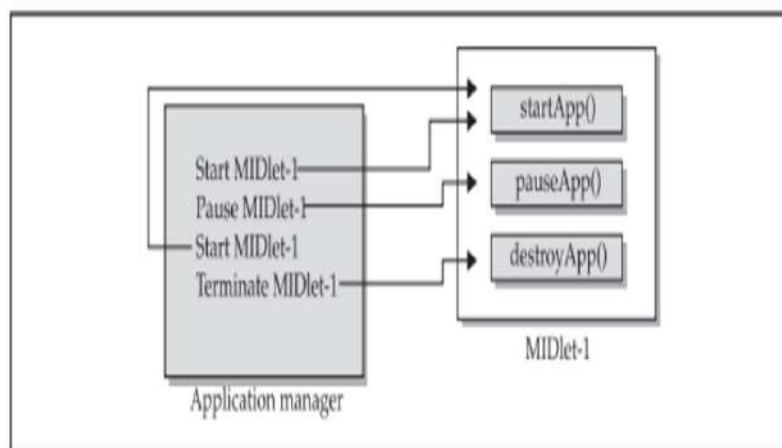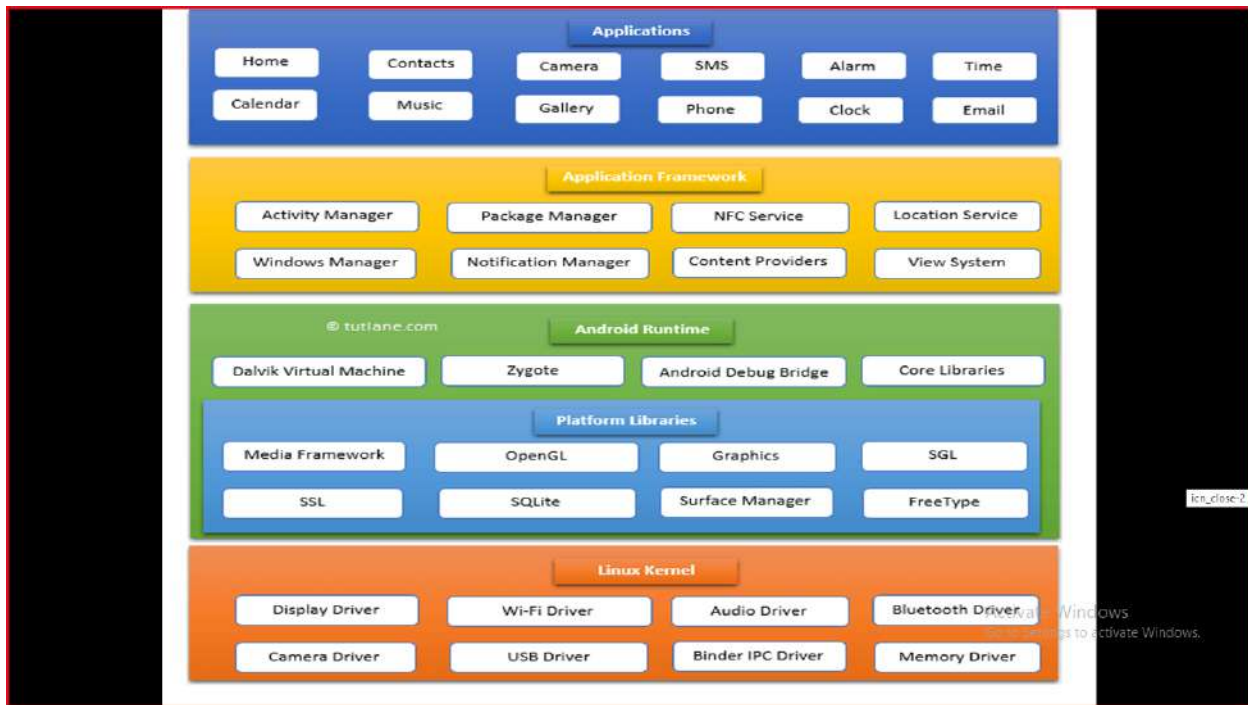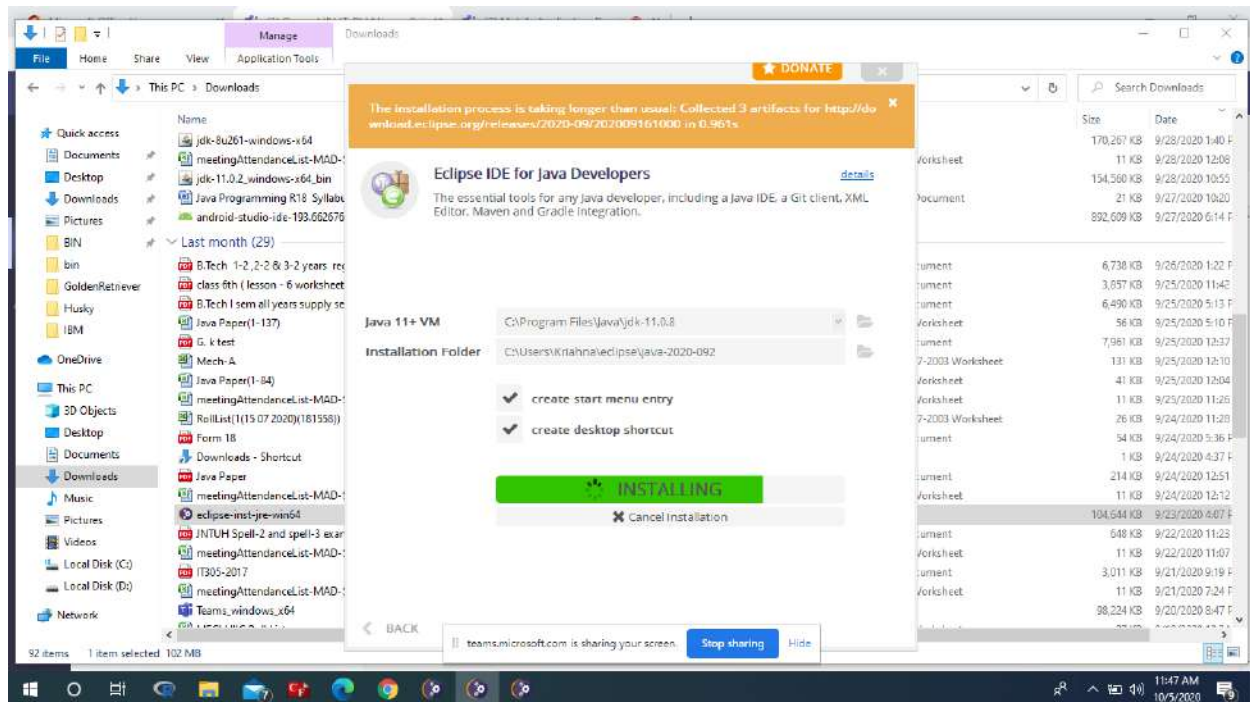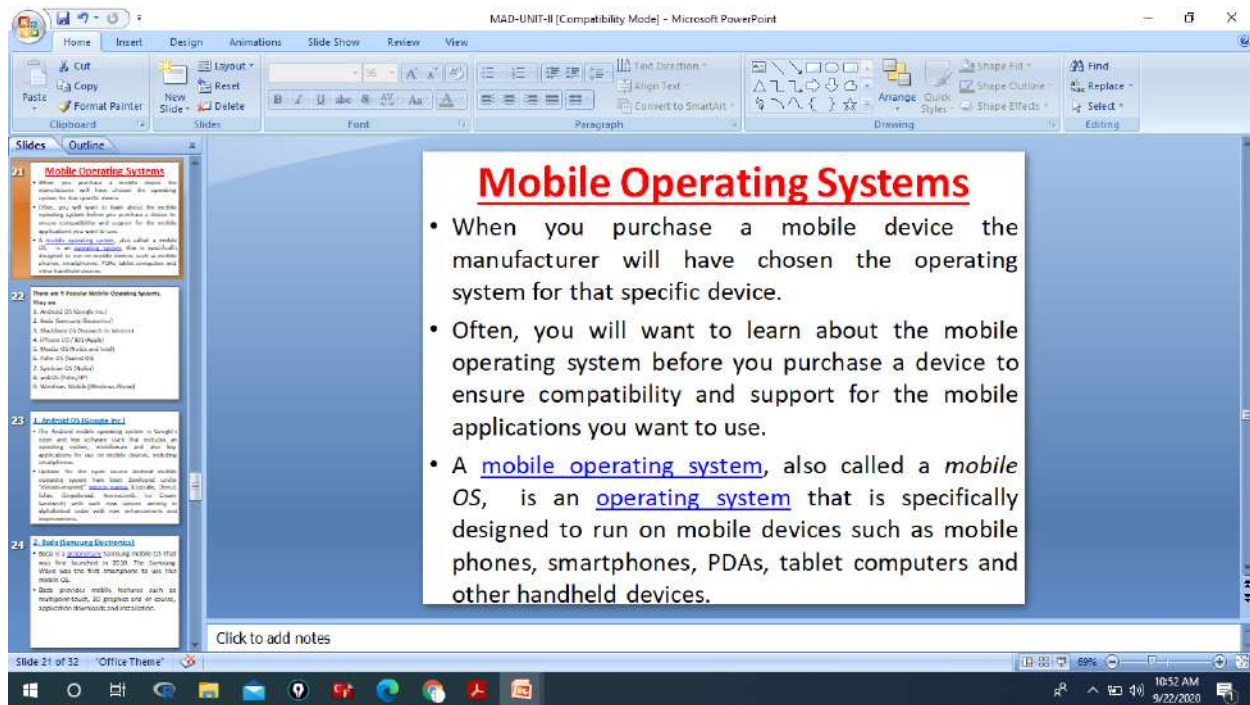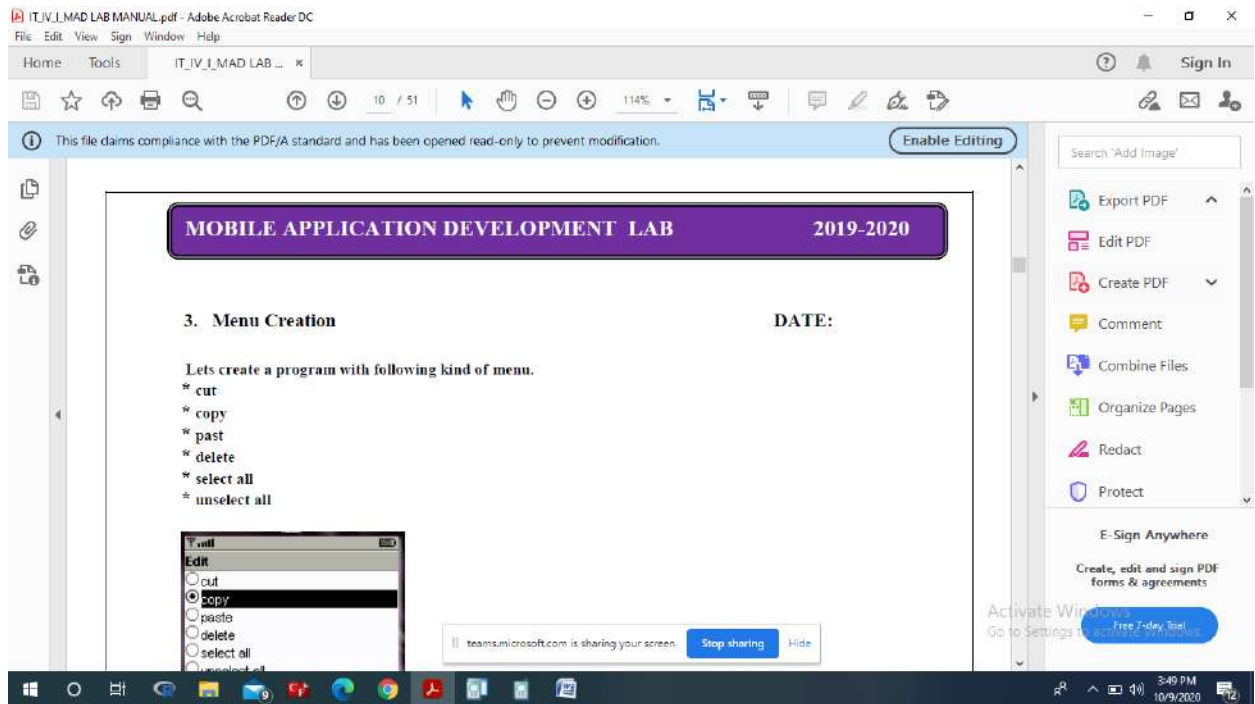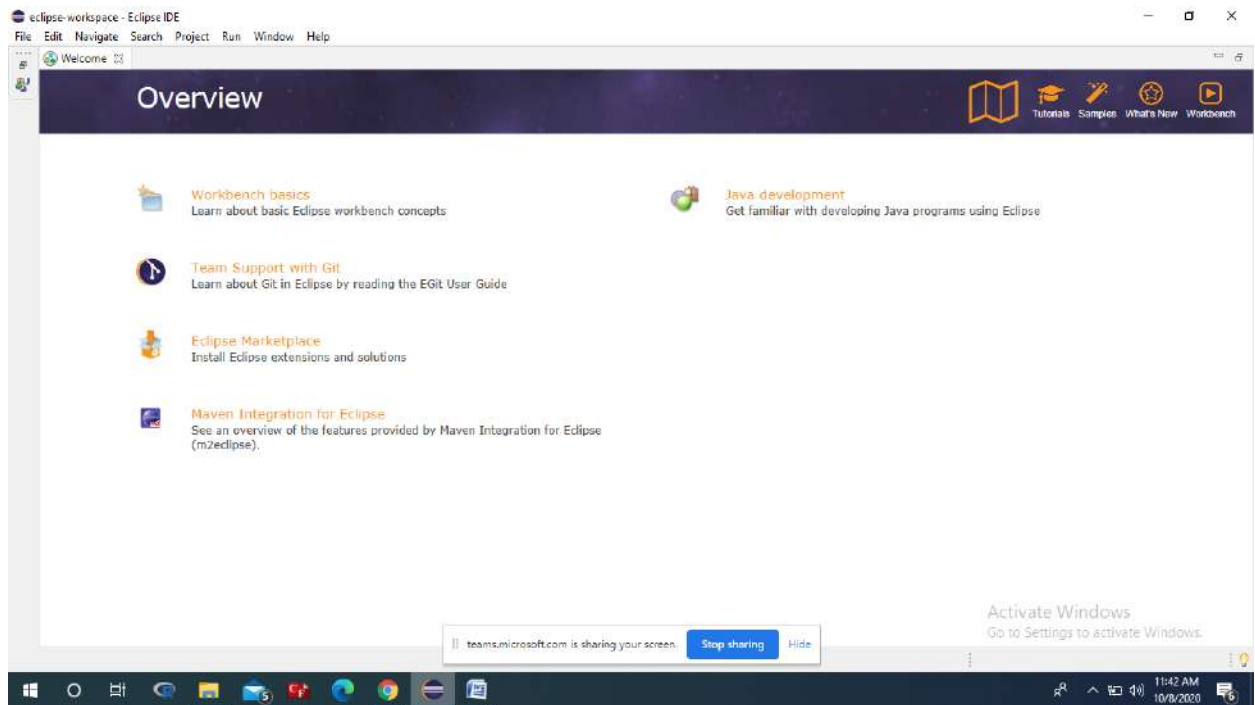
Mentoring

2019-20

CSE

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution,UGC-Govt.of India)

Maisammaguda, Dhulapally (Post via Hakimpet), Secunderabad – 500100

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Incharges and Mentors List for the Academic Year 2019-2020   I-SEM

CLASS	Year Incharge & Mobile Number	Class Incharge & Mobile Number	Mentor-Name & Mobile Number	Roll numbers	Signature
II-CSE-A	Ch.Naveen Kumar Reddy(9848097183)	Nusrath Khan(9948582720)	**Nusrath Khan(9948582720)**	18N31A0501-30	
			Siva Ratna Sai(9948676961)	531-60	
II-CSE-B		G.Ravi(9000325230)	**G.Ravi(9000325230)**	561-90	
			Vijayalakshmi(8466084601)	591-5C0	
II-CSE-C		N Vijay Kumar(9959284574)	**N Vijay Kumar(9959284574)**	5C1-5F0	

			Likitha Reddy(9505051354)	5F1-5J0	
II-CSE-D		Ch.Naveen Kumar Reddy(9848097183)	**Ch.Naveen Kumar Reddy(9848097183)**	5J1-5MO	
			P.Dileep(9885574354)	5M1-Last	
III-CSE-A		K.Srikanth(8886733772)	**K.Srikanth(8886733772)**	17N31A0501-30	
			M.Sandeep (7842686700)	531-60	
III-CSE-B		P.Bikshapathy (8885430148)	**P.Bikshapathy (8885430148)**	561-90	
			M.Venu (9703404156)	591-5C0	
III-CSE-C	P.Bikshapathy (8885430148)	Honey Diana(9390401050)	**Honey Diana(9390401050)**	5C1-5F0	
			V.Suneetha (8125020036)	5F1-5J0	
III-CSE-D		Saleem(7660000933)	**Saleem(7660000933)**	5J1-5MO	
			M.Gayatri (9293559948)	5M1-Last	
IVCSE-A	Dr.M.Jayapal (9703100555)	G.Manoj Kumar (9912387878)	**G.Manoj Kumar (9912387878)**	16N31A0501-530	

			G.Satish(830964369 6)	531-560	
IV- CSE- B		Dr.M.Jayapal (9703100555)	**Dr.M.Jayapal (9703100555)**	561-590	
			M.Sambasivudu (9912677339)	591-5C0	
IV- CSE- C		K.M.Rayudu (9949700566)	**K.M.Rayudu(9949 700566)**	5C1-5F0	
			R.Radha (9959733372)	5F1-5J0	
IV- CSE- D		N.Siva Kumar (9490920500)	**N.Siva Kumar (9490920500)**	5J1-5MO	
			D.Chandra Sekhar Reddy (9948556888)	5M1-Last	

HOD,CSE

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Information Technology
Academic Year: 2019-20:Semester-I
MENTORS LIST

IV YEAR			
S.NO	Roll Nos	Mentor	Mobile Nos
1	16N31A1201 to 221	S.Thirupathi	8919829710
2	16N31A1222 to 241	P.Sampurnima	9553381184
3	16N31A1242 to 260	K. Srilakshmi	8186878677
III YEAR-A SECTION			
S.NO	Roll Nos	Mentor	Mobile Nos
1	17N31A1201 to 220	P.Praveen Kumar	9032627173
2	17N31A1221 to 240	A. Yogananda	9908368636
3	17N31A1241 to 260	I.Uma Maheshwar Rao	8309333812
III YEAR-B SECTION			
S.NO	Roll Nos	Mentor	Mobile Nos
1	17N31A1261 to 280	B.Ramya Sri	9505316642
2	17N31A1281 to 2A1	K. Swetha	9553535392
3	17N31A12A2 to 2C0	T. Kumar Raja	9966659011
III YEAR-C SECTION			
S.NO	Roll Nos	Mentor	Mobile Nos
1	17N31A12C1 to 2E0	Novy Jacob	9490298458
2	17N31A12E1 to 2G0	P. Srinivasa Rao	9958032962
3	17N31A12G1 to 2H9	B.Praveen Kumar	8790850700
II YEAR-A SECTION			
S.NO	Roll Nos	Mentor	Mobile Nos
1	18N31A1201 to 220	M.Vazralu	7337423962
2	18N31A1221 to 240	D.Subba Rao	8179617981

3	18N31A1241 to 260	P.Swetha	7702175595
4	19N35A1201 to 207	B. Pavani	9676116005

II YEAR-B SECTION			
S.NO	**Roll Nos**	**Mentor**	**Mobile Nos**
1	18N31A1261 to 280	B.Aruna Kumari	9989450185
2	18N31A1281 to 2A0	R.Shweta	9553363118
3	18N31A12A1to 2C0	K.Navya	9492729724
4	19N35A1208 to 214	B.Pavani	9676116005

II YEAR-C SECTION			
S.NO	**Roll Nos**	**Mentor**	**Mobile Nos**
1	18N31A12C1 to 2E0	N.Prameela	9490369886
2	18N31A12E1 to 2G0	T.Shilpa	9949568478
3	17N31A12G1 to 2J0	M.Uma Maheshwari	9952188488
4	19N35A1215 to 218	B.Pavani	9676116005
			HOD-IT

ECE

MALLA REDDY COLLEGE OF ENGG & TECHNOLOGY

Maisammguda, Dhulapally Post, Secunderabad 500 100

DEPARTMENT OF ELECTRONICS & COMMUNICATION

ENGINEERING

MENTOR LIST 2019-20

Dt: 4th June, 2019

II ECE (2019-2020)

Section:A

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	T.SRINIVAS	9985670778	18N31A0401-18N31A0420
2	Dr. SASIKANTH	9095769400	18N31A0421-18N31A0440

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
3	O SAIDULU REDDY	8374778420	18N31A0441-18N31A0460 & LE'S

Section:B

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	V.SHIVARAJ	9963563995	18N31A0461-18N31A0480
2	P.RAJIREDDY	9603018848	18N31A0481-18N31A04A0
3	ANIKET TRIVEDI		18N31A04A1-18N31A04C0 & LE'S

Section:C

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	N.SARITHA	9491758072	18N31A04C1-18N31A04E0
2	D. ASHA	9963550207	18N31A04E1-18N31A04G0
3	B.SWATHI	9963550207	18N31A04G1-18N31A04J0 & LE'S

Section:D

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	KLN PRASAD	6281167652	18N31A04J1-18N31A04L0
2	I RAJ SEKHAR	8125291903	18N31A04L1-18N31A04N0
3	B PRAMOD KUMAR	9550513252	18N31A04N1-18N31A04Q0 & LE'S

III ECE (2019-2020)

Section:A

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	P SWETHA	9963550207	17N31A0401-17N31A0420
2	M ANUSHA	9963550207	17N31A0421-17N31A0440

3	K MURALIKRISHNA	9550704547	17N31A0441-17N31A0460

Section:B

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	K SURESH	9553803141	17N31A0461-17N31A0480
2	K NARENDERA REDDY	9502638936	17N31A0481-17N31A04A0
3	K HARSHAVARDHAN	9985218175	17N31A04A1-17N31A04C0

Section:C

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	K BHAVANA	9963550207	17N31A04C1-17N31A04E0
2	P ANITHA	9963550207	17N31A04E1-17N31A04G0
3	G VAIDEHI	9963550207	17N31A04G1-17N31A04J0

Section:D

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	S RAJANI	9963550207	17N31A04J1-17N31A04L0
2	CH VINOD CHARY	9704526202	17N31A04L1-17N31A04N0
3	E MAHENDER REDDY	9908474780	17N31A04N1-17N31A04Q0

Section:E

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	M NAGMA	9963550207	18N35A0401-18N35A0424
2	G ANUSHA	9963550207	18N35A0425-18N35A0448

IV ECE (2019-2020)

Section:A

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.

1	CH KIRAN KUMAR	9550088041	16N31A0401- 16N31A0420
2	Dr. N. SUBASH	9949959943	16N31A0421- 16N31A0440
3	Dr.C.RAVISHANKARREDDY	9182760847	16N31A0441- 16N31A0460 & LE'S

Section:B

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	M SREEDHAR REDDY	9441592391	16N31A0461- 16N31A0484
2	R.KIRAN	9347642580	16N31A0485- 16N31A04A7
3	P SUMAN	9095769400	16N31A04A8- 16N31A04C0 & LE'S

Section:C

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	RENJU PANICKER	9908989804	16N31A04C1- 16N31A04E0
2	Dr. P LAKSHMI DEVI	9705385860	16N31A04E1- 16N31A04G0
3	M .ARUN KUMAR	9849750794	16N31A04G1- 16N31A04J0 & LE'S

Section:D

S.NO.	NAME OF FACULTY	PHONE NOS	ROLL NO.
1	N SURESH	9032695772	16N31A04J1-16N31A04L0
2	M.ANANTH GUPTA	9493849616	16N31A04L1-16N31A04N0
3	NEHA THAKUR	8126466048	16N31A04N1- 16N31A04Q0 & LE'S

DR.S.SRINIVASA RAO

HOD, ECE

Project Work
2019-20
IT

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
IV B.TECH II SEM - MAJOR PROJECT DETAILS (PANTECH)

Project Batch :- 1

S No	Hall ticket no	Student name	Project Title
1	16N31A1237	MYADAM MRUDHULA	Edge Detection In video Streaming Using Canny and Sobel Techniques
2	16N31A1242	R MUKESH REDDY	
3	16N31A1240	PATHURI SRAVAN REDDY	

Project Batch :- 2

S No	Hall ticket no	Student name	Project Title
1	16N31A1232	MAREPALLY SIRI CHANDANA	Keras Leaf Disease Detection of Trained Images Using Open CV
2	16N31A1226	KHETAWAT BHAGIRATH NAIK	
3	16N31A1231	MANUKOLA MANOJ KUMAR	

Project Batch :- 3

S No	Hall ticket no	Student name	Project Title
1	16N31A1247	SANTOLLA DEEPIKA	Smart Attendance Marking System Using Face Feature Recognition
2	16N31A1236	MUSTI NIKHIL	
3	16N31A1215	GADARI ARAVIND	

Project Batch :- 4

S No	Hall ticket no	Student name	Project Title
1	16N31A1222	KARAKA SUCHARITHA	Real Time Object Detection and Tracking Using Deep Learning based on Python Models
2	16N31A1224	KARUPOTHULA RANJEETH GOUD	

| 3 | 16N31A1206 | BEJJENKY RAHUL | |

Project Batch :- 5

S No	Hall ticket no	Student name	Project Title
1	16N31A1258	VIJAY KRISHNA PRADHAN	Deep Learning Based Object Tracking Based On Colour Type Using Open CV
2	16N31A1227	KOTHAKAPU ARAVIND REDDY	
3	16N31A1250	THAMMISETTY NAGA RAJU	

Project Batch :- 6

S No	Hall ticket no	Student name	Project Title
1	16N31A1252	VADLA SWATHI	Number Plate Detection Using Open CV in image Dataset
2	16N31A1210	DANDU ANIRUDH REDDY	
3	16N31A1204	AMGOTH BHARATH	

Project Batch :- 7

S No	Hall ticket no	Student name	Project Title
1	16N31A1230	MALGE ANJALI	Driver Drowsiness Detection Analysing Facial Feature Monitoring based on Machine Learning
2	16N31A1255	VEMPATI HARIKA	
3	16N31A1260	YESALA LIKHITHRAJ	

Project Batch :- 8

S No	Hall ticket no	Student name	Project Title
1	16N31A1238	NEYYAN JISHA	Real Time Emotion Detection Using Tensor Flow Algorithm Using Python
2	16N31A1213	DUBAGUNTA REVANTH	
3	16N31A1220	JUKANTI TARUN KIRAN REDDY	

Project Batch :- 9

S No	Hall ticket no	Student name	Project Title
1	16N31A1254	VELLANKI VINITH	IOT based real Time fire Detection using open Source
2	16N31A1257	VEMURI SREEROOPA	
3	16N31A1202	ABDUL KALEEM	

Project Batch :- 1

S No	Hall ticket no	Student name	Project Title

S No	Hall ticket no	Student name	Project Title
1	16N31A1225	KATIREDDY SAIPRASANNA	Rich Short Text Conversion Using Semantic Key Controlled Sequence Generation
2	16N31A1251	V LAXMI NAGA RAMYA	
3	16N31A1212	DEVUNURI PAVAN KALYAN	

Project Batch :- 2

S No	Hall ticket no	Student name	Project Title
1	16N31A1259	VUTHOORU SAMATHA	Characterizing and Predicting early reviewers for Effective Product Marketing on E-Commerce Websites
2	16N31A1216	GAREPALLY SAI KUMAR	
3	16N31A1205	B PRASAD	

Project Batch :- 3

S No	Hall ticket no	Student name	Project Title
1	16N31A1228	KOTHURU TEJASWINI	Semi-supervised machine learning approach for ddos detection
2	16N31A1203	ALETI BHASKAR	
3	16N31A1217	GODALLA VANITHA	

Project Batch :- 4

S No	Hall ticket no	Student name	Project Title
1	16N31A1219	JAKKMPUDI SAI USHA SREE	Data Analytics Approach to the Cybercrime Underground Economy
2	16N31A1244	R CHANDRA SHEKAR	
3	16N31A1201	ABDAS DEVI VARA PRASAD	

Project Batch :- 5

S No	Hall ticket no	Student name	Project Title
1	16N31A1253	VARANASI SAI SRI	Robust Malware Detection for Internet of (Battlefield) Things Devices Using Deep Eigenspace Learning
2	16N31A1233	MOHAMMED YAWARUDDIN KHALED	
3	16N31A1211	DANDU HARI HARAN	

Project Batch :- 6

S No	Hall ticket no	Student name	Project Title

S No	Hall ticket no	Student name	Project Title
1	16N31A1246	S.VISHNUVARDHAN	A User-centric machine learning framework for cyber security operations center
2	16N31A1207	BHEEMA SAI SINDHUI	
3	16N31A1241	PULICAL LAHARI RAJASEKHAR	

Project Batch :- 7

S No	Hall ticket no	Student name	Project Title
1	16N31A1218	GORANTLA SHRAVYA	A DataMining Based Model for Detection of Fraudulent Behaviour in water Consumption
2	16N31A1249	SHREYAS M HUILGOL	
3	16N31A1208	BODA KARANLAL	

Project Batch :- 8

S No	Hall ticket no	Student name	Project Title
1	16N31A1243	R. AKHIL REDDY	Analysis of the Logistic Model for Accident Severity on Urban Road Environment
2	16N31A1229	MADHUR VYAS	
3	16N31A1256	VEMULA AMALESWARI GOUD	

Project Batch :- 9

S No	Hall ticket no	Student name	Project Title
1	16N31A1234	MOHD AZHAR ALI	Prediction of Heart Disease Using Machine Learning Algorithms
2	16N31A1239	PAGADALA ALEKYA	
3	16N31A1221	KANCHERLA MANIKANTA	

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MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
IV - A PROJECT SCHEDULE 2019-2020
Total no of students:57

Batch	Roll No.s	Team	Title	Guide Name
A1	16N31A0503	Aili Sai Kumar	String Similarity Search	
	16N31A0555	Elliyshetty Nithin Raghava		
	16N31A0509	Ananthoju		Mr.M.V.Kamal

		Mounith		
A2	16N31A0511	A Nikhitha	A Bi-objective Hyper-Heuristic Support Vector Machines for Big Data Cyber-Security	Mr.P.Bikshapathy
	16N31A0556	G Sravani		
	16N31A0517	Ashutosh Mehta		
A3	16N31A0513	Anuri Pratima	Cloud-based multimedia content protection system	Mrs. W Nirmala
	16N31A0543	D. Vinuthna		
	16N31A0502	Adimulam sai kumar		
A4	16N31A0519	B Sirisha	Credit card fraud detection Using Machine Learning	Mr.A.Syam Prasad
	16N31A0515	Arigela Aswanth		
	16N31A0546	Devunla Madhavi		
A5	16N31A0522	Bairaboina Karthik Sairaj	Valuation of house prices using Predictive techniques	Mr.G.Ravi
	16N31A0523	Bandaru Vinod		
	16N31A0510	Ankireddypalli Praneeth Reddy		
	16N31A0528	Buchammagari Nithish Reddy		
A6	16N31A0524	Bandoju Sai Surya	Robust Malware Detection of Internet Of Things Devices Using Deep Eigenspace Learning	Mrs.M.Gayatri
	16N31A0542	Dandu Ankith		
	16N31A0507	Aluru Somasekhar		
A7	16N31A0525	BASA VARSHITH RAJ(Internship)	Driver Drowsiness monitoring system using visual behavior and machine learning	Mrs.D Radha
	16N31A0554	Edara Sphurthi		
	16N31A0539	chinthala srikanth		
A8	16N31A0532	Chakilam Harika	Text classification in newsgroup using machine learning	Mr. D.Chandra Shekar Reddy
	16N31A0514	Arepally Ramya Sahithi		
	16N31A0538	Chindam Shresta		
A9	16N31A0537	Chiluvuri Sathvik	CRIME DATA ANALYSIS	Mr.M.Jayapal
	16N31A0505	Akkala Jagath Chandra		

	16N31A0553	Eadara Maruthi Kumar		
A10	16N31A0550	Ravula Manaswini	Prediction of Heart Disease Using Machine Learning Algorithms	
	16N31A0536	Chilukurthi Sai Likhith(Internship)		
	16N31A0549	Dontha Prabhu Kumar		Dr.D.Sujatha
A11	16N31A0559	Tummapudi Meghaana	How Data-Driven Entrepreneur Analyzes Imperfect Information for Business Opportunity Evaluation	
	16N31A0552	Eity Harismitha		
	16N31A0504	Aitha Rahul		Mr. K. Srikanth
A12	16N31A0560	Shruty Suman	Predicting the Top-N Popular Videos via a Cross-Domain Hybrid Model	
	16N31A0557	Garikipati Venkata Viswanath		
	16N31A0521	Yerra Sai Hamsa Lekha		Mr.P.Dileep
A13	16N31A0527	Botla Charan Kumar	Assessing the effectiveness of riparian restoration projects using land set and precipitation data from the cloud-computing	
	16N31A0516	Ashutosh jena		
	16N31A0518	B Siddharth(Internship)		
	16N31A0544	Dasari Deepthi		Mr. M.Sandeep
A14	16N31A0535	Cheruku Abhinava Krishna	Personalized affective feedback to address students' frustration in ITS	
	16N31A0520	B Varun Kumar		Mr.M Sambasivudu
	16N31A0501	A.Dinesh		
A15	16N31A0529	Buddhi Jyoshna Priya	A user-centric machine learning framework for cyber security operations center	
	16N31A0547	Dharmavaram Shivakrishna		Mr. Manoj Kumar Gottimukkala
	16N31A0506	Alle Sai Kiran		
A16	16N31A0530	Burri Venkatanarasimha Reddy	Analysis of the Logistic Model for Accident Severity on Urban Road Environment	
	16N31A0531	Chadagonda Bharathsimhareddy		Mrs. J Arthi Jaya Kumari
	16N31A0551	Durgam Saiteja		

Batch	Roll No.s	Team	Title	
A17	16N31A0533	Chattu Rakesh	Market Basket Analysis	
	16N31A0534	Chennuri Indu		
	16N31A0548	Dharmesh Gidwani		Mr.M.Venu
A18	16N31A0540	Chinthamani Vaishnavi	Multi-Traffic Scene Perception Based using Supervised Learning	
	16N31A0541	Dareddy Akshayreddy		
	16N31A0545	Devara Srilatha		Mrs.Nirosha
A19	16N31A0558	Surampudi Naga Vijaya Sravani(Internship)	MICRO SERVICES FOR BANKING API USING SPRING CLOUD (INTERNSHIP AT VIRTUASA)	Dr.D.Sujatha

Batch	Roll No.s	Team	Title
B - 1	16N31A0574	GOTTA SOUJANYA	Video-based abnormal Driving Behaviour detection via deep learning Fusions
	16N31A0565	GADIPELLY SANTHOSH	
	16N31A0561	GADDALA KEERTHI	
	16N31A0597	KETHAVATH AKASH	
B - 2	16N31A05A3	KOTA PRANEETHA	Urban Street Cleanliness using Deep Learning and mobile edge computing
	16N31A0567	GANGARAPU HARISH	
	16N31A05B6	MADAS SAKETH	
B - 3	16N31A0589	K SAI SINDHU	Data Analytics approach to the Cybercrime underground economy
	16N31A0562	GADDAM AKHIL	
	16N31A0573	GORULA SUMANTH	
B - 4	16N31A05A4	KOTHA SAMAIKYA	Review of the Use of AI Techniques in Serious Games:Decision-Making and Machine Learning
	16N31A0583	GUDIBANDI MONEESH REDDY	
	16N31A0576	GUDURU SAM JAYANTH REDDY	
B - 5	16N31A0596	KASOJU UDAY KARTHIK	Currency recognition system using image processing
	16N31A0591	KALAKONDA TEJA	

	16N31A0577	GUGLAVATH SAIKIRAN	
B - 6	16N31A05B4	MADABUSHINI VYSHNAVI	Sentiment analysis system to improve teaching and Learning
	16N31A0578	RAMANCHA SNEHA PRIYA	
	16N31A0571	GOLRILLA PRAGNYA DEVI	
	16N31A05A9	LEKKALA SHIVA PRASAD REDDY	
B - 7	16N31A0590	K SUPRIYA DEVI	Recolored Image Detection via a Deep Discriminative Model
	16N31A0572	GOPU SAI RANADEEP REDDY	
	16N31A0585	JOGOLLA KEERTHI	
B - 8	16N31A05B2	M SANDEEP REDDY	Semi-supervised machine learning approach for Ddos Detection
	16N31A0598	KILLADA CHANDRIKA VENU	
	16N31A05A1	KOMMU SAI ARAVIND	
B - 9	16N31A0569	GARA SAI KIRAN	Finding trustworthy service provider in a trusted network
	16N31A0592	KANCHERLA HANUMALLIKA	
	16N31A0594	KARNEKANTI SUHAS	
B - 10	16N31A05A6	KURAPATI VIDYA CHANDANA	Automatic E-government services with Artificial Intelligence.
	16N31A0564	GADIPELLI DURGA MOUNISHA	
	16N31A05A0	KOLLABATHULA SUNIL	
B - 11	16N31A05B0	LODE MADHAN GOUD	Deep learning application's in medical image analysis- Brain tumor
	16N31A0588	K SAI NITHIN	
	16N31A0587	K MAHESH	
B - 12	16N31A0581	JAKKULA TEJASWINI	Captcha Recognition using Deep Learning Technique.
	16N31A05B9	PENEMETSA SAI SARANYA	
	16N31A05A7	KURUKUNTLA NAVEEN KUMAR	
B - 13	16N31A0563	GADDAM RUPESH REDDY	Multifactor opinion mining and intention analysis for Business intelligence

Batch	Roll No.s	Team	Title
	16N31A0595	KASIREDDY AMARANTH REDDY	
	16N31A0584	JARPULA SHANMUKHA SAI	
B - 14	16N31A0580	JAKKULA MOUNIKA	Density based smart traffic control system
	16N31A05B5	MADAMANCHI RAVI CHANDRA	
	16N31A05B1	M MANISH YADAV	
B - 15	16N31A05A5	KURAKULA NAGALAXMI	Facial expression recognition based scoring system using open cv
	16N31A0599	KODI HARSHAVARDHAN REDDY	
	16N31A0566	G NAGA VENKATA HEMANTH VARMA	
B - 16	16N31A0570	GHATADI RACHANA	Prognosis of liver disease using SVM and Naïve Bayes
	16N31A0582	JANGAM KEERTHANA	
	16N31A05B7	MADHARLA NAGATEJA	
B - 17	16N31A05A2	KONDURU SHARMILA	Handwriting digit recognition using machine learning Approaches
	16N31A0593	KANKANALA SRI SAI KOUSHIK	
	16N31A05B8	BANDAMEEDI SRAVAN	
Internship	16N31A05A8	LATTUPALLY SAI MAHANTH	Location Tracking Generic Component

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IV - C PROJECT SCHEDULE 2019 -2020

No of Students : 53

Batch	Roll No.s	Team	Title	Guide Name

C1	16N31A05E8	MYNAM SAI DHANUSH	Real Time Emotion Detection Using Tensor Flow and Opencv in Python	N.Vijay Kumar
	16N31A05G0	PABBA PAVAN KUMAR		
	16N31A05C1	MADU RAKESH		
	16N31A05F7	NERELLA RAMAKRISHNA		
C2	16N31A05C6	MALOTH DIVYA	Hand Gesture Recognition using HAAR CASCADE Algorithm	Ms. Vijaya Lakshmi
	16N31A05C7	MALOTH HEMANTH NAYAK		
	16N31A05C8	MAMIDALA SAIKIRAN		
	16N31A05H6	RAJASEKHAR REDDY		
C3	16N31A05H8	GUNJAN TOMAR	Using NLP approach Predicting an automated answer Chatbot technique	Dr.V.Chandr asekar
	16N31A05H4	R.G.GOKUL		
	16N31A05H3	POTHUNURI KRANTHI KUMAR		
	16N31A05H5	RACHAGIRI NIKHIL		
C4	16N31A05G3	PALAKONDA SAMATHA	Extracting Phishing Website Features in URL and Prediction using Machine Learning	Mrs. Bala
	16N31A05G5	PAMIDIKONDA SAI NISHITH		
	16N31A05D2	MEKALABOINA ARUN GOPICHAND		
C5	16N31A05H1	Podduturi Arul	Face Detection and Recognition for Digital Forensics and Information Security	Mrs. Nirosha
	16N31A05D7	MOHAMMED SAJID KHAN		
	16N31A05E7	MURABOINA MANOJ		
C6	16N31A05C9	MANASI JOSHI	Real-time machine learning application for heart disease detection using big data approach	Mr.M.V.Kam al
	16N31A05D8	P.V. MOHAMMED ROSHAN		
	16N31A05C3	SAI KRISHNA CHAITANYA MALAPAKA		
C7	16N31A05H0	PILLALA BHAVANI	Keras Leaf Disease Detection Of Trained Images Using Open CV	Mr.P.Bikshap athy
	16N31A05E6	MUPPALANENI HIMAJA		
	16N31A05C4	REDDYBATTULA MEGHANA		
C8	16N31A05F5	NEELA RUPA	Object Tracking Based On Color	Mrs. W

		M.SWAROOPA RANI	Using Open CV in Python	Nirmala
	16N31A05D0	M.SWAROOPA RANI		
	16N31A05F6	NEMALI SIVAREDDY		
C9	16N31A05G2	PABBA VAISHNAVI	Credit Card Fraud Detection using SVM Algorithm	Mr.A.Syam Prasad
	16N31A05G9	PEDDALA BHAVANI		
	16N31A05J0	RAYALA NAVEEN		
C10	16N31A05F8	NIKITHA .R.K	Classification of Fashion Article pictures victimization in Machine Learning using Deep Learning Algorithm	
	16N31A05D1	MEDAGANI SUJALA		
	16N31A05F0	N.JHANSI		
	16N31A05F4	NAYINI VASANTHA		Mr.G.Ravi
C11	16N31A05C5	MALLEMPATI.KEERTHI	Timeseries Analysis of Stock market prediction using Machine learning	
	16N31A05E3	MULI JAGANMOHANREDDY		
	16N31A05G4	PALEVELA TEJASWI		Mrs.M.Gayatri
C12	16N31A05H7	R.GANGA KRISHNAN	Drug-Disease Association Prediction Based on Neighborhood Information Aggregation in Neural Networks	
	16N31A05C2	MAKUTAM SRUJANA REDDY		
	16N31A05F2	NAMBURI SAI VARUN KUMAR		Mrs.D Radha
C13	16N31A05E4	MUNAGANTI VENKAT PAVAN	Text Summarization using Natural Language Processing	Mr. D.Chandra Shekar Reddy
	16N31A05D6	MOHAMMED MUSADIQ REHMAN		
	16N31A05F9	NUKATHATI SIDDHARTHA RAO		
C14	16N31A05F1	NALLAPARAJU SNEHITH VARMA	Scalable Prediction of Global Online Media News Virility and Predicting Fake News Using NLP and Machine Learning	
	16N31A05E1	M.RAVI SHANKER		
	16N31A05F3	NARASAPURAM SAI SINDHUJA		Mr.M.Jayapal
C15	16N31A05E0	MUDHINELLA TEJA	Road Sign Recognition Using Anaconda Navigator	
	16N31A05E2	MUHAMMAD NEHAL NAZIM		
	16N31A05D3	MENGANI NIKHIL		Mr. K. Srikanth
C16	16N31A05E5	MUPPALA VENKATA SAI NITYA ABHAY	Android Malware Detection Using Genetic Algorithm based Optimized Feature Selection and	Mr.P.Dileep

Batch	Roll No.s	Team	Title	Guide Name
	16N31A05G7	PARAKALA PRUDHVI RAJ	Machine Learning	
	16N31A05D5	MITTAPALLY SAI ARAVIND		
C-17	16N31A05H2	POLISETTY PRATYUSHA	BANK MANAGEMENT SYSTEM USING ANGULARJS SPRING MVC and HIBERNATE	Dr.Nagendra Prabhu

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
IV - D PROJECT SCHEDULE
Total No of students:59 2019-2020

Batch	Roll No.s	Team	Title	Guide Name
D1	16N31A05K1	SAMBARU VAMSHIKRISHNA(T)	Loan Approval Prediction based on Machine Learning	Mr. M.Sandeep
	16N31A05J7	SAGAR KAUSHIK		
	15N31A0544	CHAPA VISHAL		
D2	16N31A05J3	RONANKI KALPANA(T)	Eye Ball Cursor Movement using Open CV	Mr.M Sambasivudu
	16N31A05L3	SRAVANAM DASARADH		
	16N31A05K3	SANGANA RAVINDRA REDDY		
D3	16N31A05M1	TANNIRU ARUNA(T)	Intrusion Detection Model using Machine Learning on Big Data Environment	Mr. Manoj Kumar Gottimukkala
	16N31A05L4	SRIPADA KOTA CHARY		
	17N35A0502	BARUPATLA SRIKANTH		
D4	16N31A05M8	THATI ROHITH(T)	Machine Learning based Regression Model for Prediction Soil Humidity	Mrs. J Arthi Jaya Kumari
	16N31A05K0	SAI PRIYA THOTA		
	16N31A05N7	VALLAPU PUSHPALATH		

		A		
D5	16N31A05L5	SUDHA HANISHA(T)	Smart Attendance Marking System Using Facial Recognition	
	16N31A05M0	TALEDA ADARSH		
	16N31A05P3	VITHANALA HARISH		Mr.M.Venu
D6	16N31A05J2	R RADHA VENKATA LAVANYA(T)	Real Time Object Detection and Tracking Using Deep Learning based on python models	
	16N31A05M4	THALLAPELLY SAITEJA		
	17N35A0506	MEDIKONDA THARUN		Mrs. S.Bala
D7	16N31A05K8	SHAIK ARSHAD PARVEZ	Human Activity in Patterns Prediction system for Health Care Appliances	
	16N31A05N6	V KAVERI(T)		
	16N31A05P4	VIVEKANANDA K		Mrs. V Suneetha
D8	17N35A0503	JAKKA SHRAVANI(T)	Digital Drawing With RGB colors and Yellow Using Open CV And deep learning	
	17N35A0504	KANDIMALLA VENKAT SAI		
	16N35A0507	M ANJALI		Mrs. P Honey Diana
D9	16N31A05K2	SANDHELA SHARANYA(T)	Understanding and clustering hash tags according to their word distribution using NLP in machine learning	Mrs.R.Sujatha
	16N31A05M7	THAPPETA VINEETH MARTIN		
	16N31A05P0	VINAY GANGARABOINA		
D10	16N31A05M2	TELLAKULA JYOTHSNA(T)	AI Based Car Speed Control Using Hand gesture	
	16N31A05K5	SARANU SARVANI		
	17N35A0505	KUMMARI SRIKANTH		Mr.N Siva Kumar
D11	16N31A05Q1	PRAJWAL(T)	Hate Speech on Twitter:A programmatic approach to collect	Mr. Ch.Naveen Kumar Reddy

	16N31A05Q2	RUPAK	Hateful and offensive expression in Machine Learning	
	16N31A05P1	VINEET RAGHAV		
D12	16N31A05N8	VANDANA DUBEY(T)	Number Plate Detection Using Open CV In Image Dataset	Mrs. Sirisha
	16N31A05J5	S VEERENDRA		
	17N35A0501	BANDA PRANITHA		
D13	16N31A05L6	T ALEKHYA	PREDICTING ALZHEIMERS DISEASE USING MACHINE LEARNING	
	16N31A05L2	SIRISALA NIKHIL(T)		
	16N31A05K6	SEELAM JYOTHI PRAVEEN		Mr.Saleem
D14	16N31A05M3	THAKUR AKSHITHA(T)	Soil moisture retrieval using ground water dataset using Machine Learning	
	16N31A05N5	UPPUTURI SUDHAKAR		
	16N31A05J8	SAI CHANDAN REDDY NIMMA		Mr.K.M.Rayudu
D15	16N31A05K9	SHAIK AZARUDDIN(T)	FIRE DETECTION THROUGH PYTHON USING HAAR CASCADE FILES AND OPEN CV	
	16N31A05M9	THEERTHALA SRIRAM		
	16N31A05L1	SIMRAN SAXENA		Mrs. B Pavani
D16	16N31A05N3	UDAYAGIRI LAKSHMI SIVANI(T)	Brain Tumor image classification using CNN perception model	
	16N31A05N2	TUMULA SAI MANOHAR		
	16N31A05P5	YAMA VARUN		Dr.Thayyaba Khatoon
D17	16N31A05J1	MALLA GANGA BHAVANI(T)	Intelligent Traffic Light Management System	Dr.Ravi Kiran

	16N31A05L8	TAGARAM SUSHMITHA			
	16N31A05J9	SAI PRASAD SHENMALI			
D18	16N31A05L9	TALAMADLA DEEPIKA(T)	DRIVER ASSISTANCE SYSTEM BASED ON DEEP LEARNING		
	16N31A05P7	YELMA KRISHNA REDDY			
	16N31A05N1	THULLURU RAGHAVA		Mr.Satish	
D19	16N31A05J6	S VINAY(I)(T)	Data Science Process Pipeline for solving employee Attrition and their Job Performance and Predicting With AI		
	16N31A05P9	VANKA HARIJANRADHAN(I)			
	16N31A05N0	THOTA MANIKANTA NAGA HANUMAN(I)		Mr. T.Siva Ratna Sai	
D20	16N31A05J4	RUKSANA BEGUM	Automation Testing for ERP Applications using Selenium	Dr.Thayyaba Khatoon	
D21	16N31A05P2	VISHWAKSEN REDDY	Mobile Game using Artificial Intelligence	Dr.D.Sujatha	

ECE

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY					
Dept.Of Electronics & Communication Engineering					
IV ECE Major Project Details for the Academic Year: 2019-20					
S.NO	BATCH.No	ROLL NO	NAME OF THE STUDENT	PROJECT TITLE	NAME OF THE GUIDE
1	A1	16N31A0404	R POOJITHA	Automatic Bus Ticketing Using RFID with Seat Vacancy	Ms. D. Asha
2		16N31A0406	AASHRITHA NEELI		
3		16N31A0410	AKULA RAMESH TARINI		
4	A2	16N31A0405	A SREE BHAVANARAYANA SUDHIR	Women's Safety Panic	Mr. E. Mahendar Reddy

5		16N31A0456	DOMALA MANOJKUMAR	Button	
6		17N35A0403	DASARI SUMANTH		
7		16N31A0402	A NIHARIKA REDDY	Design and Implementation of ALU using Zedboard	Mr.M.Arun Kumar
8	A3	16N31A0416	ARRABOLU CHANDRA SHEKAR REDDY		
9		16N31A0428	BHASKARLA SUDHA ARCHANA		
10		16N31A0401	A DEEKSHITH	Greenhouse Monitoring and Automatic Controlling Using NODMCU	Mrs. S. Rajani
11		16N31A0449	DASARI SAICHAND		
12	A4	16N31A0451	DEVARANENI ANIL		
13		16N31A0408	AKASH TAH	Design and Implementation of Smart Helmet	Mr.M.Arun Kumar
14	A5	16N31A0459	RISHU KUMAR		
15		16N31A0460	GUDUR MANISWARAN REDDY		
16		16N31A0414	APOORVA NITHIN KUMAR	Design and Implementation of a Wearable Sensor Network System for IoT	Mrs.P.Swetha
17		16N31A0418	AURADKAR APOORVA		
18	A6	16N31A0433	BOINI PRAGATHE		
19		16N31A0417	ASKANI JEEVITHA	Road Sign Recognition System for Automatic Vehicles	Dr.V.M.Senthil Kumar
20	A7	16N31A0420	MADIKONDA JESLIN ANGEL		
21		16N31A0427	BETHI REDDY RAHUL		
22		16N31A0441	CHANDRANI RUDRAKOTI MANISH SAI KRISHNA	High level Security systems using Raspberry Pi using OpenCV and CNN	Mr.KLN.Prasad
23	A8	16N31A0455	DHUMANTARAO VARENYU		
24		16N31A0419	AVILAPAKA SRILEKHA		
25		16N31A0431	BHUPATI RAJULAKSHMI SAI PRUDHVI RAJU		
26		17N35A0405	GAJULA SANDEEP	Raspberry Pi based RFID Fastag for Highway Toll Plaza	Dr.S.Sasikanth
27		17N35A0406	GOSKULA ANIL		
28	A9	16N31A0432	BODUKURALAM PAVAN KUMAR		
29		I5N31A0414	B ANIL BABU		
30		16N31A0434	BOMMISETTY VISHNU HEMANTH	An Improved Version of Student Attendance	Mr.V.Kiran Kumar
31	A10	16N31A0437	BYROJU YASHASHREE		
32		16N31A0458	A VAMSHI KRISHNA		

				Management System using RFID and IoT	
33	**A11**	16N31A0412	ANGIREKULA POOJITHA	Green Leaf Disease Detection using Raspberry pi	Mr.N.Suresh
34		16N31A0426	BEJJAM PRAMEELA		
35		16N31A0452	DEVARAYA SANDYA		
36	**A12**	16N31A0429	BHEEMA TEJASWI	Live Video Streaming for She Cabs for Women Security	Mr.CH. Kiran Kumar
37		16N31A0430	BHIMANADHAM SAI PRANASYA		
38		16N31A0436	BUJAGOUNI VAISHNAVI GOUD		
39	**A13**	16N31A0411	ALLU SANDEEP KUMAR REDDY	Gender, Age and Face Recognition using OpenCV	Dr.S.Srinivasa Rao
40		16N31A0423	BANDARU SUMANTH		
41		16N31A0454	DHESHOJU KALYAN KUMAR		
42	**A14**	16N31A0413	ANNANGI ANIL KUMAR	Public Bus Tracking System	Dr.S.Sasikanth
43		16N31A0425	BEEREDDY PRANITHA		
44		16N31A0450	DEPA RAJASHEKAR REDDY		
45	**A15**	16N31A0440	CHANDARLAPATI SAI LOHIT	Driver Drowsiness Detection using Image Processing	Mr.K.Suresh
46		16N31A0444	CHIRASAMBAR SHIVANI		
47		17N35A0401	ABHINAV S NANCHARI		
48	**A16**	16N31A0442	CHETTIPALLY SHIVANI SHRI AMULYA	A Supervised Intrusion Detection System for Smart Home IoT Devices	Dr.C.Ravishankar Reddy
49		16N31A0446	D SAI HARIKA		
50		16N31A0447	DACHEPALLI LEKHAN GURU SAI		
51	**A17**	16N31A0415	ARAVIND RATHOD	Healthcare Monitoring System and Transforming Monitored Data into Real Time Clinical Feedback based on IoT using Raspberry Pi	Dr.Sucharitha Manikandan
52		16N31A0443	CHINTALAPATI JAYARAM		
53		16N31A0448	DAMARLA PANDURANGA NARENDRA SAI		
54	**A18**	16N31A0407	ABHINAY KANAPARTHI	Amazon Alexa based home	Dr.S.Sasikanth
55		16N31A0409	AKULA PRASAD GOUD		

56		16N31A0422	BANDAMULA NAVANEETHA	appliances control and weather forecast using Raspberry Pi	
57	A19	16N31A0439	CHANDALURU NIMESH REDDY	Voice Based Electronic Device Surveillance	Dr.S.Sasikanth
58		16N31A0453	DEVULAPALLY KIRAN KUMAR		
59		17N35A0402	BEJJANKI SANGEETHA RANI		
60		17N35A0404	GADARI PRAVEEN		
61	B1	16N31A0461	DUBBA SWAGHATH	Wireless Sensor System for Traffic Density Measurment, Control and its Clearence	Mrs.G.Vaidehi
62		16N31A0475	GOLLA ROHITH		
63		16N31A0479	GUGULOTH RAJESH		
64		16N31A04A7	KATTA HARIKRISHNA		
65	B2	16N31A0462	DUDAM SUMANA	Warfield Spying Robot with Night Vision Camera for Survellance along with Landmine Detection	Dr. B.Jyothi
66		16N31A0477	GUDURU SOWMYA REDDY		
67		16N31A0487	J SRI SAI ARUN SHARMA		
68	B3	16N31A0463	ELIPE SUSHMITHA	Automatic Recognition of Facial Expressions Using Machine Learning	Mr. T. Srinivas
69		16N31A0464	G NISHWANTH SAI KUMAR		
70		16N31A0468	GADASU NAMRUTH		
71		16N31A0493	K AVINASH		
72	B4	16N31A0465	G PUSHPA PRIYANKA	Smart Waste Collection monitoning and alert System via IOT	M/s. N. Saritha
73		16N31A0497	K N AKHILA VAISHNAVI		
74		16N31A0499	KAKDE SUSHANTH		
75	B5	16N31A0466	G SAHITYA	Air Quality Monitoring with in the Campus using Wireless Sensor Netwoks	M/s.Renju Panicker
76		16N31A04A8	KOLIPAKA AKHIL		
77		16N31A04B3	KORRA MANIKANTH NAIK		
78	B6	16N31A0471	GADIPARTHI VASANTHI	Fire	Prof.P. Sanjeeva

79		16N31A0488	JANGA JEEVANA JYOTHI	Monitoring and Extinguishing Robot	Reddy
80		16N31A04A9	KOLLURI VEERABRAMHAM		
81	B7	16N31A0480	GUNDLA PRANATHI	LIFI Based Underground Vehicle Navigation	Mr. KDK Ajay
82		16N31A0482	H SAI KRISHNA REDDY		
83		16N31A04B6	K UMESH CHANDRA		
84	B8	16N31A0470	GADI PRAKASH RAJ	Automatic Object Detection for Blind People with Voice Feedback Using Raspberry pi	Mrs.S.Rajani
85		16N31A0484	J N S PAVANI		
86		16N31A04B5	KRITIKA GOYAL		
87	B9	16N31A0472	G MAHESH KUMAR	IOT Based Smart Energy Meter Monitoring and Theft Detection	Mr. K. Mallikarjuna Lingam
88		16N31A0473	G BALACHANDER		
89		16N31A0481	GUTHA AMARNATH		
90	B10	16N31A0478	GUGULOTH LOKESH NAIK	Emergency Service for Smart Home System Using GSM	Mr. G.S. Naveen Kumar
91		16N31A0A3	K. SAI VAMSI		
92		16N31A0483	HATKAR ANIL		
93		16N31A04A6	KASTURI PRANAY		
94	B11	16N31A0489	JANGAM SHIVAPRASAD	Smart Health Monitoring System	Mr. V. Shivaraj
95		16N31A0496	K SURYA KRISHNA		
96		16N31A04B1	KONDLE SAI		
97	B12	16N31A0494	K RAKESH KUMAR	Google Assistant Based Home/Industries Loads Control Using Node MCU	Mr. R. Chinna Rao
98		16N31A04A0	KALLU SAI SUJAN REDDY		
99		16N31A04B4	KOTRA SHIVA SHANKAR		
100	B13	16N31A0498	KAITHOJU SAI KRISHNA	Diverse IoT Based Gadgets to Update Modern Conditions of Farmers in India	Dr. N. Subash
101		16N31A04B0	K ASWIN KUMAR		
102		16N31A04B2	KORIVISHETTI RAJU		

103		16N31A04A2	K ABHIRAMI AISHWARYA	Intillegent Shopping Cart Using Bolt ESP 8266 based on IoT	Dr. C. Ravi Shankar Reddy
104	B14	16N31A04A4	KANDUNURI SHIVANI		
105		16N31A04B7	KUMARAM ROJA		
106		17N35A0407	GUJJE PRASHANTH	Prevention of Alcohol using Raspberry pi	MR.M.Sreedhar Reddy
107	B15	16N31A04B8	MOHAMMED SHAHID		
108		17N35A0411	KAKI PAVAN KUMAR		
109		17N35A0412	KASIRE RAJESHWAR		
110		16N31A0492	J ARACHANA	Autonomous Obstacle Avoidance Vehicle Using Arduino	Mr. Ch. Kiran
111	B16	16N31A0485	J ANUDEEP		
112		16N31A0486	J UMAMAHESHWAR REDY		
113		16N31A04C0	K VAMSI KRISHNA		
114		16N31A0490	J.SARVANI	Reliable Image Notifications for Smart Home Security Using Raspberry pi	Mr.KLN Prasad
115	B17	16N31A0495	K.SHAILAJA		
116		16N31A04B9	M.VAISHNAVI		
117		17N35A0408	J.SWATHI	NODEMCU BASED WEATHER MONITORING AND AGRICULTURE SUPPORTING SYSTEM	M.RAMANJANEYULU
118	B18	17N35A0409	J.SHIVAGANESH		
119		17N35A0410	K.MADHU		
120		16N31A04C1	KURA MANIKANTH	RAILWAY TRACK SECURITY SYSTEM	Mrs.N.SARITHA
121	C1	16N31A04D2	MAMINDLA VISHAL		
122		16N31A04G7	P LAXMIPATHY DHAMAN		
123		16N31A04C3	M KARTHIK	TRAFFIC CONGESTION CONTROL WITH ATOMATIC SIGNAL CLEARENCE FOR EMERGENCY VEHICLES	Dr.S.SASIKANTH
124		16N31A04C8	MADEL SAI DIVYA		
125	C2	16N31A04G3	P SRI CHANDANA		
126	C3	16N31A04C4	M SWAGATH REDDY		Mrs.G.VAIDEHI

127		16N31A04G5	P SAKALI RADHAKRISHNA	AN IOT BASED FIRE AUTHENTICATION AND ALARMING FOR WARE HOUSE USING RASPBERRY PI0	
128		17N35A0415	MANNE RAVEEN		
129	C4	16N31A04C5	M NARESH REDDY	AUTOMATIC BREAK SYSTEM FOR AUTOMOBILES	Mr.ANANTHAGUPTHA
130		16N31A04G4	PANDIRLA ARUN		
131		16N31A04H0	PARUPATI SNEHITH REDDY		
132	C5	16N31A04C6	MACHARLA HASINI	GEOLOCATION TRACKER USING RASPBERRY PI	Mr.V.KIRAN KUMAR
133		16N31A04E4	MOHAMMED AZHAR UDDIN		
134		16N31A04G2	P JASHWANTH REDDY		
135	C6	16N31A04C7	MADDURI MANASA	FUSION OF MRI AND SPECT IMAGES USING GUIDED IMAGE FILTER AND IMAGE STATISTICS	Dr.N.SUBASH
136		16N31A04F2	MYADAM MEENAKSHI		
137		16N31A04F4	NAKKA PRATHYUSHA		
138	C7	16N31A04C9	M SRIKANTH	SMART AGRICULTURE USING IOT	Mr.M.RAMANJANEYULU
139		16N31A04D6	MANGISHETTI RAKESH		
140		16N31A04F3	N MANASA CHIMATA		
141	C8	16N31A04D0	MALLEKEDI SAIKARTHIK	SMART SHOPPING TROLLEY IN SUPER MARKETS	Mr.M.ARUN KUMAR
142		16N31A04F0	MUTHINENI NIKHIL TEJA		
143		17N35A0418	R VINAY KUMAR		
144	C9	16N31A04D1	MALLU SRINIDHI	LORA IOT BASED AGRICULTURAL MONITORING SYSTEMS (InHouse)	Mrs.P.SWETHA
145		16N31A04H4	PINDI JAYA TEJA		
146		16N31A04H5	POLASA SUSHMA		
147	C10	16N31A04D3	MANDALA SAI GANESH REDDY	IOT BASED URBAN CLIMATE MONITORING USING RASPBERRY PI	Mrs.S.RAJANI
148		16N31A04D5	MANDULA KALYAN		
149		16N31A04H1	PASHAM JAYANTHKUMAR		
150	C11	16N31A04D4	MANDHA ARCHANA	AUTOMATED LIGHTING AND	Mrs.RENJU PANICKER
151		16N31A04E6	MOTHE ARYAN HRUSHIK		

152		16N31A04F9	NUDURUPATI BHAVANA	WATER PUMPING SYSTEM	
153	C12	16N31A04D7	MD FARAAZ HUSSAIN	IOT BASED INDUSTRIAL MONITORING SYSTEM	Mr.ANIKETH
154		16N31A04E3	MD AMJAD PASHA		
155		16N31A04E5	MOHAMMED SAILANI		
156	C13	16N31A04D8	MEHTA SHUBHAM JAIN	LUNG CANCER DETECTION AND CLASSIFICATION USING DEEP LEARNING	Mr.T.SRINIVAS
157		16N31A04D9	MENI SAKETH RAM		
158		16N31A04G1	OWAIS KHAN		
159	C14	16N31A04E0	MERGU KALYAN	IMPLEMENTATION OF WIRELESS INTERCOM USIN ASTERISK	Mr.R.CHINNA RAO
160		16N31A04H3	PELLURI V S S N ANVESH		
161		16N31A04H8	PRATHIK MAHAGOWLI		
162	C15	16N31A04E2	MITTAPALLI SESHIDHAR	RASPBERRY PI BASED ATTENDANCE MANAGEMENT SYSTEM	Mrs.M.ANUSHA
163		16N31A04E8	MUPPU NARESH		
164		16N31A04G0	N SHIVA RAMA KRISHNA		
165		16N31A04H2	PEDDINTI SANDEEP		
166	C16	16N31A04G8	P SUMITH REDDY	FACE RECOGNITION BASED DOOR ACCESS SYSTEM	Dr.B.JYOTHI
167		16N31A04F8	NETHINTI NAVEEN		
168		16N31A04G6	PANUGANTI BHARATH		
169	C17	16N31A04E9	MUSTHYALA SHRAVYA	DISEASE DETECTION AND CLASSIFICATION IN COTTON PLANTS USING IMAGE SEGMENTATION AND FEATURE EXTRACTION APPROACH	Mrs.NAGMA
170		16N31A04F5	NAKKA PRATHYUSHA		
171		16N31A04H7	POTHU PRAMADHA		
172	C18	16N31A04F6	NARLA DAMODAR	IOT BASED PARKING MANAGER	Ms.ASHA
173		16N31A04F7	NELLURI RAKHIL KUMAR		
174		16N31A04H9	SOMAWAR SAIKIRAN		
175	C19	16N31A04G9	P PRAVALIKA	ELECTRONIC PROTECTION FOR EXAM PAPER	Mr.V.SHIVA RAJ KUMAR
176		16N31A04H6	PONNA ANUSHA		
177		16N31A04J0	SADULA MOUNIKA		

				LEAKAGE	
178		17N35A0413	KONTHAM GANESH	CONSIDERATI	
179		17N35A0416	ODELA JEEVAN	ON TOWARDS	
	C20		PADITHEM ANUSHA	PRIVACY AND SECURITY IN IOT BASED E- HEALTH	Mr.K.D.K.AJAY
180		17N35A0417		APPLICATION	
181		16N31A04M0	SURUVU SHARANYA	IOT BASED STOLEN	
182	D1	16N31A04M6	TAMMINEEDI JYOSHNA	VEHICLE DETECTION &	Dr.K.Mallikarjuna Lingam
183		17N35A0419	SATRI SAMUEL MANOHAR RAJ	AMBULANCE CLEARENCE	
184		17N35A0422	VALLAPU REDDY SUNITHA	SYSTEM	
185		16N31A04J4	R SRIKANTH REDDY	IOT BASED	
186	D2	16N31A04M2	SYED JAVEED HUSSAIN	GARBAGE MONITORING	Mr.M.Sreedhar Reddy
187		16N31A04M8	THOTA NEERAJ	SYSTEM WITH EMAIL ALERT	
188		16N31A04P9	VEMULA SHASHIDHAR		
189		16N31A04K2	S S SANJEEV KOUSHIK	DESIGN OF	
190		16N31A04K0	RYAKALA SAITEJA	OLED DISPLAY	
191	D3	16N31A04P4	YENUMULA NAGA SAI	USING ZED	Mr.M.Anantha Guptha
192		16N315A0401	ANNAM NARENDAR	BOARD	
193		16N31A04P6	VAIBHAV KUMAR SHUKLA	SPY ROBOT	
194		16N31A04Q1	SANTHOSH DHAKAL	FOR	
195	D4	16N31A04K1	SHAGA JOSHITHA	SURVEILLANCE	Dr.Sucharitha Manikandan
196		16N31A04M4	RAVEENA TEEGALA	SYSTEM	
197		16N31A04L2	SHASTRI ADITYA	VEHICLE	
198	D5	16N31A04M3	SYED MUZEMILL	STARTER USING FACE	Dr.N.Subash
199		16N31A04N8	VENKATA SAI RAM NADAKUDATI	DETECTION	
200		16N31A04L4	SOMU AKHIL	FINGER PRINT	
201	D6	16N31A04N9	VINUKONDA SAI KIRAN	BASED ATM SECURITY	Mrs.Renju Panicker
202		17N35A0420	THIPPANAGARI VAMSHIKRISHNA GOUD	SYSTEM	
203		16N31A04K6	SANDAPETA SAI KIRAN	ROBOT ARM	
204		16N31A04L1	SHAIK SHOAIB YASEEN	FOR PICK AND PLACE AND	
	D7			CONTROL THROUGH	Dr.N.Subash
205		15N31A0417	B MANIDEEP YADAV	WEBPAGE	

				AND VOICE	
206		16N31A04L6	SOULLA ABHINAV	SEGMENTATIO N OF METASIS BRAIN IMAGES WITH UNIFIED ITERATIVE PARTITIONED CLUSTERING ALGORITHM.	Mrs.P.Anitha
207	D8	16N31A04P0	YEDDU RAJ KUMAR		
208		16N31A04P5	YERUVA BALA NIHARSH REDDY		
209		16N31A04J5	RAMISETTI RAJINI	IMPLEMENTAT ION OF REAL TIME COMMUNICAT ION SYSTEM FOR DEAF PEOPLE USING INTERNET OF THINGS	Dr.G.S.Naveen kumar
210	D9	16N31A04J7	RASAPUTRA POOJA		
211		16N31A04M 9	UTADA NEELIMA DEVI		
212		16N31A04K5	SAGROLIKAR AVADHOOT SHAILESH RAO	VEHICLE OVERSPEED DETECTION USING IOT	Mrs.M.Anusha
213	D10	16N31A04L0	SHAIK IMRAN		
214		17N35A0423	YEKKALA BHARGAV SAI KRISHNA		
215		16N31A04N1	V.VISHNU	DESIGN WIRELESS SENSOR NETWORK FOR SYSTEM BASED ON COAL MINES FOR MONITORING SYSTEM	Dr.V.M.Senthilkum ar
216		16N315A040 6	B LAVAN KUMAR		
217	D11	16N315A041 0	CHELLA RAHUL REDDY		
218		16N31A04P7	SHAIK MOHAMMED MOINUDDIN		
219		16N31A04L5	SOUDARAPELLY VIVEK KUMAR	IOT BASED ENVIRNMENT AL MONITORING AND SMS ALERT SYSTEM	Dr.V.M.Senthilkum ar
220	D12	16N31A04L7	SRUJAN THOTA		
221		16N31A04N3	VANGALA HARIKA SAI SRIDEVI		
222		16N31A04N7	VEMULA SRIRAM		
223		16N31A04K8	SANGANI HARSHITHA	ARDUINO BASED SOLAR TRACKING SYSTEM	Mr.N.Suresh
224	D13	16N31A04K9	SEELAM SAI PALLAVI		
225		16N31A04L3	SIDDHA PAVANKALYAN		
226		16N31A04L8	SUNCHU CHANDU		
227		16N31A04N0	V KAVYA REDDY	RASPBERRY PI BASED ROBOT CONTROLLING USING WEB PAGE, VOICE	Mrs.Renju Panicker
228	D14	16N31A04P1	YELISETTY AISHWARYA		
229		16N31A04P3	YEMME PRASANNA		

				AND GUESTURES	
230		16N31A04J9	K SAI KUMAR	FINGER PRINT BASED AUTHENTICATION SYSTEM IN EXAMS	Dr.V.M.Senthilkumar
231	D15	16N31A04L9	SUNDARAGIRI AJAY KALYAN		
232		16N31A04N5	VEDAVALLI BHAVANISHANKAR		
233		16N31A04J2	PUPPALA KARTHIK	CONTENT BASED IMAGE RETRIEVAL USING DEEP LEARNING CONVOLUTIONAL NEURAL NETWORKS	Prof.P.Sanjeeva Reddy
234		16N31A04J8	RATHOD CHAJULAL		
235	D16	16N31A04P8	R.SINDHU URMA		
236		16N31A04K3	S SAI ADITYA		
237		16N31A04J6	R.SIVA SAI	IOT BASED SMART ENERGY METER IN SMART CITIES	Dr.V.M.Senthilkumar
238		16N31A04J3	P.DILEEP KUMAR		
239	D17	16N31A04M1	S.MANIKANTA		
240		17N35A0421	U.HARI KRISHNA		

Tutorials

2019-20

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
COURSE STRUCTURE

I Year B. Tech – I Semester

S.No	Subject Code	SUBJECT	L	T	P	C	MAX. MARKS INT	MAX. MARKS EXT
1	R20A0001	English	2	0	0	2	30	70
2	R20A0021	Mathematics – I	3	1	0	4	30	70
3	R20A0201	Basic Electrical Engineering	3	0	0	3	30	70
4	R20A0302	Computer Aided Engineering Graphics	2	0	2	3	30	70
5	R20A0501	Programming for Problem Solving	3	0	0	3	30	70
6	R20A0081	English Language Communication Skills Lab	-	0	2	1	30	70
7	R20A0281	Basic Electrical Engineering Lab	-	0	3	1.5	30	70
8	R20A0581	Programming for Problem Solving Lab	-	0	3	1.5	30	70
9	R20A0003	Human Values and Professional Ethics	1	0	0	1	100	-
		Total	14	1	10	20	340	560

I Year B. Tech – II Semester

S.No	Subject Code	SUBJECT	L	T	P	C	MAX. MARKS INT	MAX. MARKS EXT
1	R20A0002	Professional English	2	0	0	2	30	70
2	R20A0022	Mathematics – II	3	1	0	4	30	70
3	R20A0011	Applied Physics	3	0	0	3	30	70
4	R20A0401	Analog and Digital Electronics	3	0	0	3	30	70
5	R20A0502	Python Programming	3	0	0	3	30	70
6	R20A0082	Applied Physics Lab	-	0	3	1.5	30	70
7	R20A0582	Python Programming Lab	-	0	3	1.5	30	70
8	R20A0083	Engineering and IT Workshop	-	0	2	1	30	70
9	R20A0014	Financial Institutions, Markets and Services	1	-	-	1	100	-
		Total	15	1	8	20	340	560

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY

I Year B. TECH - I- SEM   **L/T/P/C**
                                                                   3/1/-/4

(R20A0021) MATHEMATICS –I

COURSE OBJECTIVES:

To learn

1. The concept of a Rank of the matrix and applying the concept to know the consistency and solving the system of linear equations.
2. The concept of Eigen values, Eigen vectors and Diagonalization.
3. The maxima and minima of functions of several variables.
4. The Applications of first order ordinary differential equations and methods to solve higher order differential equations.
5. The properties of Laplace Transform, Inverse Laplace Transform and Convolution theorem.

UNIT I: Matrices

Introduction, Rank of a matrix - Echelon form, Normal form, Consistency of system of linear equations (Homogeneous and Non-Homogeneous)-Gauss-Siedel method, Linear dependence and independence of vectors, Eigen values and Eigen vectors and their properties (without proof), Cayley-Hamilton theorem (without proof), Diagonalization of a matrix.

UNIT II: Multi Variable Calculus (Differentiation)

Functions of two variables, Limit, Continuity, Partial derivatives, Total differential and differentiability, Derivatives of composite and implicit functions, Jacobian-functional dependence and independence, Maxima and minima and saddle points, Method of Lagrange multipliers, Taylors theorem for two variables.

UNIT III:First Order Ordinary Differential Equations

Exact, Equations reducible to exact form, Applications of first order differential equations - Newton's law of cooling, Law of natural growth and decay, Equations not of first degree-Equations solvable for p, equations solvable for y, equations solvable for x and Clairaut's type.

UNIT IV: Differential Equations of Higher Order

Linear differential equations of second and higher order with constant coefficients: Non-homogeneous term of the type $f(x) = e^{ax}$, sinax, cosax, x^n, e^{ax} V and x^n V - Method of variation of parameters, Equations reducible to linear ODE with constant coefficients-Cauchy's Euler equation and Legendre's equation.

UNIT V: Laplace Transforms

Definition of Laplace transform, domain of the function and Kernel for the Laplace transforms, Existence of Laplace transform, Laplace transform of standard functions, first shifting Theorem, Laplace transform of functions when they are multiplied and divided by "t", Laplace transforms of derivatives and integrals of functions, Unit step function, Periodic function.

Inverse Laplace transform by Partial fractions, Inverse Laplace transform of functions when they are multiplied and divided by" s", Inverse Laplace Transforms of derivatives and integrals of functions, Convolution theorem, Solving ordinary differential equations by Laplace transform.

TEXT BOOKS

1. Higher Engineering Mathematics by B V Ramana., Tata McGraw Hill.
2. Higher Engineering Mathematics by B.S. Grewal, Khanna Publishers.
3. Advanced Engineering Mathematics by Kreyszig, JohnWiley &Sons.

REFERENCE BOOKS

1. Advanced Engineering Mathematics by R.K Jain & S R K Iyenger, Narosa Publishers.
2. Ordinary and Partial Differential Equations by M.D. Raisinghania, S.Chand Publishers
3. Engineering Mathematics by N.P Bali and Manish Goyal.

COURSE OUTCOMES:

After learning, the concepts of this paper the student will be able to

1. Analyze the solutions of the system of linear equations and find the Eigen values and Eigen vectors of a matrix, which are used to analyze the long-term behavior of any system.
2. Find the extreme values of functions of two variables with / without constraints.
3. Solve first order, first degree differential equations and their applications.
4. Form a differential equation for typical engineering problems and hence can solve those higher order differential equations.
5. Solve differential equations with initial conditions using Laplace Transformation.

MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
COURSE STRUCTURE

I Year B. Tech (IT) – I Semester

S.NO	SUBJECT CODE	SUBJECT	L	T	P	C	MAX. MARKS	
							INT	EXT
1	R18A0001	English	2	-	-	2	30	70
2	R18A0021	Mathematics – I	3	1	-	4	30	70
3	R18A0013	Applied Physics	3	-	-	3	30	70
4	R18A0301	Engineering Graphics	1	-	4	3	30	70
5	R18A0501	Programming For Problem Solving	3	-	-	3	30	70
6	R18A0082	Engineering/IT Workshop	-	-	4	2	30	70
7	R18A0581	Programming For Problem Solving Lab	-	-	3	1.5	30	70
8	R18A0081	English Language Communication Skills Lab	-	-	3	1.5	30	70
TOTAL			12	01	14	20	240	560

I Year B. Tech (IT) – II Semester

S.NO	SUBJECT CODE	SUBJECT	L	T	P	C	MAX. MARKS	
							INT	EXT
1	R18A0002	Professional English	2	-	-	2	30	70
2	R18A0022	Mathematics – II	3	1	-	4	30	70
3	R18A0012	Engineering Chemistry	3	-	-	3	30	70
4	R18A0502	Object Oriented Programming	3	-	-	3	30	70
5	R18A0201	Basic Electrical Engineering	3	-	-	3	30	70
6	R18A0083	Engineering Physics/Chemistry Lab	-	-	4	2	30	70
7	R18A0582	Object Oriented Programming Lab	-	-	3	1.5	30	70
8	R18A0281	Basic Electrical Engineering Lab	-	-	3	1.5	30	70
9*	R18A0003	Human Values & Societal Perspectives	2	-	-	0	100	-
TOTAL			16	01	10	20	340	560

*Mandatory course: Non-credit course, 50% of scoring is required for the award of the degree

II Year B.Tech (IT) - I Semester

S.NO	SUBJECT CODE	SUBJECT	L	T	P	C	MAX MARKS	
							INT	EXT
1	R18A1201	Computer Organization and Architecture	3	0	0	3	30	70
2	R18A0503	Data Structures	3	0	0	3	30	70
3	R18A0504	Operating Systems	3	0	0	3	30	70
4	R18A0506	Discrete Mathematics	3	0	0	3	30	70
5	R18A0024	Probability and Statistics	3	0	0	3	30	70
6	R18A0461	Analog and Digital Electronics	3	0	0	3	30	70
7	R18A0583	Operating Systems Lab	0	0	3	1.5	30	70
8	R18A0584	Data Structures Lab	0	0	3	1.5	30	70
9*	R18A0004	Foreign Languages : French	2	0	0	-	100	-
TOTAL			20	0	06	21	340	560

*Mandatory course: Non-credit course, 50% of scoring is required for the award of the degree

II Year B.Tech (IT) - II Semester

S.NO	SUBJECT CODE	SUBJECT	L	T	P	C	MAX MARKS	
							INT	EXT
1	R18A0511	Software Engineering	3	0	0	3	30	70
2	R18A1202	Automata and compiler design	3	0	0	3	30	70
3	R18A0509	Java Programming	3	0	0	3	30	70
4	R18A0510	Database Management Systems	3	0	0	3	30	70
5	****	Open Elective - 1	3	0	0	3	30	70
6	R18A0061	Managerial Economics and Financial Analysis	3	0	0	3	30	70
7	R18A0585	Java Programming Lab	0	0	3	1.5	30	70
8	R18A0586	Database Management Systems Lab	0	0	3	1.5	30	70
9	R18A0014	Environmental Sciences	2	0	0	-	100	-
TOTAL			20	0	06	21	340	560

*Mandatory course: Non-credit course, 50% of scoring is required for the award of the degree

IV Year B.Tech (IT) - I Semester

S.NO	SUBJECT CODE	SUBJECT	L	T	P	C	MAX MARKS	
							INT	EXT
1	R18A1206	Programming for Application Development	3	0	0	3	30	70
2	R18A1207	Mobile Application Development	3	0	0	3	30	70
3	R18A0523	Cloud Computing	3	0	0	3	30	70
4	R18A1208	Business Data Analytics	3	0	0	3	30	70
6	R18A0526 R18A0531 R18A0522	Professional Elective 3: 1. Machine Learning 2. Internet of Things 3. Software Testing Methodologies	3	0	0	3	30	70
6	R18A1282	Programming for Application Development Lab	0	0	3	1.5	30	70
7	R18A1283	Mobile Application Development Lab	0	0	3	1.5	30	70
8	R18A1285	Project-1	0	0	6	3	30	70
TOTAL			15	0	12	21	240	560

IV Year B.Tech (IT) - II Semester

S.NO	SUBJECT CODE	SUBJECT	L	T	P	C	MAX MARKS	
							INT	EXT
1	R18A1209	Tools and Techniques of Data Sciences	3	0	0	3	30	70
2	R18A0535 R18A1210 R18A0528	Professional Elective 4: 1. Image Processing 2. Adhoc and Sensor Networks 3.Service Oriented Architecture	3	0	0	3	30	70
3	R18A1211 R18A0534 R18A1212	Professional Elective 5: 1. Advanced Databases 2. Block Chain Technology 3. Middleware Technologies	3	0	0	3	30	70
4	R18A1286	Project - 2	0	0	12	6	60	140
TOTAL			09	0	12	15	150	350

III   Year B.Tech (IT) - I Semester

S.NO	SUBJECT CODE	SUBJECT	L	T	P	C	MAX MARKS	
							INT	EXT
1	R18A0507	Design and Analysis of Algorithms	3	0	0	3	30	70
2	R18A0513	Python Programming	3	0	0	3	30	70
3	R18A0517	Web Technologies	3	0	0	3	30	70
4	R18A0464	Embedded Systems	3	0	0	3	30	70
5	R18A1203 R18A0519 R18A1205	Professional Elective 1: 1. Knowledge Management 2. Computer Graphics 3. Artificial Intelligence	3	0	0	3	30	70
6		Open Elective - 2	3	0	0	3	30	70
7	R18A0588	Python Programming Lab	0	0	3	1.5	30	70
8	R18A0589	Web Technologies Lab	0	0	3	1.5	30	70
9*	R18A0006	Technical Communication and Soft Skills	2	0	0	-	100	-
TOTAL			**20**	**0**	**06**	**21**	**340**	**560**

*Mandatory course: Non-credit course, 50% of scoring is required for the award of the degree

III Year B.Tech (IT) - II Semester

S.NO	SUBJECT CODE	SUBJECT	L	T	P	C	MAX MARKS	
							INT	EXT
1	R18A0518	Computer Networks	3	0	0	3	30	70
2	R18A0524	Data Warehousing and Data Mining	3	0	0	3	30	70
3	R18A0525	Linux Programming	3	0	0	3	30	70
4	R18A0520 R18A0521 R18A0527	Professional Elective 2: 1.Distributed Systems 2.Cyber Security 3. Mobile Computing	3	0	0	3	30	70
5		Open Elective - 3	3	0	0	3	30	70
6	R18A1284	Mini Project	0	0	6	3	30	70
7	R18A1281	Data Warehousing and Data Mining Lab	0	0	3	1.5	30	70
8	R18A0590	Linux Programming Lab	0	0	3	1.5	30	70
9*	R18A0007	Constitution of India	2	-	-	0	100	-
TOTAL			**17**	**0**	**12**	**21**	**340**	**560**

*Mandatory course: Non-credit course, 50% of scoring is required for the award of the degree

OPEN ELECTIVE – 1

S.NO	SUBJECT CODE	SUBJECT
1	R18A0451	DIGITAL ELECTRONICS
2	R18A0551	DATA BASE SYSTEMS
3	R18A0553	DATA STRUCTURES USING PYTHON
4	R18A0351	INTELLECTUAL PROPERTY RIGHTS
5	R18A0352	GREEN ENERGY SYSTEMS
6	R18A0555	DATA VISUALIZATION

OPEN ELECTIVE – 2

S.NO	SUBJECT CODE	SUBJECT
1	R18A1251	MANAGEMENT INFORMATION SYSTEMS
2	R18A0552	INTRODUCTION TO JAVA PROGRAMMING
3	R18A1252	SOFTWARE PROJECT MANAGEMENT
4	R18A0353	ENTERPRISE RESOURCE PLANNING
5	R18A0354	NANO TECHNOLOGY

OPEN ELECTIVE – 3

S.NO	SUBJECT CODE	SUBJECT
1	R18A0452	ROBOTICS & AUTOMATION
2	R18A0453	INTERNET OF THINGS & ITS APPLICATIONS
3	R18A1253	SOFTWARE TESTING TECHNIQUES
4	R18A0355	TOTAL QUALITY MANAGEMENT
5	R18A0251	ELECTRICAL SYSTEMS & APPLICATIONS
6	R18A0554	OPERATING SYSTEM CONCEPTS

Faculty Development Programs for Faculty

2019-20

CSE

S.NO	NAME OF THE EVENT	DATE
1	Two days Faculty Development Programme on "Big Data Analysis"	19th to 20th April 2019
2	One week Faculty Development Programme on "Machine learning and Deep learning"	29th April to 5th May 2019
	ECE	

1	FDP THROUGH NKN SUMMER COURSE-2019 EMBEDDED SYSTEMS AND INTERFACING HANDS-ON UNDER E & ICT ACADEMY, NIT PATNA.	10-14 JUNE 2019
EEE		
1	Fdp Through Nkn Winter Course-2019 on VLSI Chip Design Hands –On Using Open Source EDA Tools	16-20 December 2019
2	Fdp Through Nkn Winter Course-2019 on PYTHON PROGRAMMINGWITH INDURSTY PERSPECTIVE	2-6 December 2019

IT

1. K.Swetha , attended the Two day FDP on AI/ML techniques at CMR college
2. Faculties of Information technology attended the Extensive learning in "Python Programming with Industry Perspective from 02-06 December, 2019 - Winter workshop - 2019-20 through NKN mode E & ICT Academy, NIT Patna organized by Department of Information Technology, at MRCET.
3. Mr.Kumar Raja has attended AICTE Faculty Development Programmae on Problem solving a Pedagogical Approach in C from 22-7-2019 to 26-7-2019.

AERO

S.NO	NAME OF THE EVENT	DATE
1	FDP on Interdisciplinary Approach to Engineering Applications	11-13 Dec
2	Aeromodelling Workshop	27 Jan - 1 Feb
3	Two Weeks online Training on Python Programming	13-25 April
4	Seminar on helicopter aerodynamics BY Martin Fiddler staffordshire university	02-Feb