



G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY::KURNOOL
(AUTONOMOUS)
ACCREDITED BY NAAC 'A' GRADE OF UGC AND NBA OF AICTE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE: 25-06-2018

TO
The principal,
GPCET,
Kurnool.

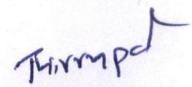
Sir,


Sub: Approval of ADD-ON course for III and IV ECE Students-Regd

The department of ECE requests you to accept the proposal for conducting ADD-ON Course on "Robotics" for the odd semester of III-year I Semester and IV-year I Semester ECE students scheduled for the duration of 48 classes. Kindly accept the proposal.

Thanking you sir,

Yours Sincerely


HOD-ECE


PRINCIPAL
G.Pullaiah College of Engg & Tech.
Nandikotkur Road, VENKAYAPALLI
KURNOOL-518 452 (A.P)



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department Circular –ADD-ON Course

DATE: 25-06-2018

The III year-I Semester and IV-year I Semester ECE Students are informed to enroll their names for the ADD-ON Course on “**Robotics**” with their respective class-in-charges on or before 02-07-2018. The course commences from 09th July and the duration of the course is 48 classes. The course is conducted from 4 pm to 5 pm regularly.

The bus facility is made available soon after the class work.

Thirumala
HOD-ECE

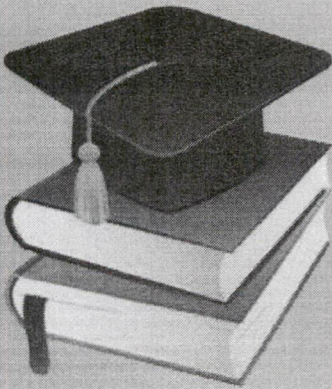
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Nandikotkur Road, VENKAYAPALLI
KURNOOL-518 452 (A.P)



G. PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

Department Of Electronics and Communication Engineering

ADD ON COURSE



Topic : **ROBOTICS**

Target audience : **III & IV Year Students**

Total Course Duration : **48 hrs**

Selection Procedure : **Registration on First
come First serve basis**

FREE

**Register
Now**

Date of commencement of the course : 09 July, 2018.

End of Course : 01 Nov, 2018.

Exam Date: 08 Nov, 2018.

Thimpa

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ROBOTICS

SYLLABUS

UNIT-I

ROBOT BASICS

Robot-Basic concepts, Need, Law, History, Anatomy, specifications. Robot configurations-cartesian, cylinder, polar and articulate. Robot wrist mechanism, Precision and accuracy of robot.

UNIT II

ROBOT ELEMENTS

End effectors-Classification, Types of Mechanical actuation, Gripper design, Robot drive system Types, Position and velocity feedback devices-Robot joints and links-Types, Motion interpolation.

UNIT III

ROBOT KINEMATICS AND CONTROL

Robot kinematics – Basics of direct and inverse kinematics, Robot trajectories, 2D and 3D Transformation-Scaling, Rotation, Translation Homogeneous transformation. Control of robot manipulators – Point to point, Continuous Path Control, Robot programming

UNIT IV

ROBOT SENSORS

Sensors in robot – Touch Sensors-Tactile sensor – Proximity and range sensors. Force sensor-Light sensors, Pressure sensors, Introduction to Machine Vision and Artificial Intelligence.

UNIT V

ROBOT APPLICATIONS

Industrial applications of robots, Medical, Household, Entertainment, Space, Underwater, Defense, Disaster management. Applications, Micro and Nanorobots, Future Applications.

Learning Resources:

1. Mikell P. Groover, Mitchell Weiss, Roger N Nagel, Nicholas G Odrey, "Industrial Robotics Technology, Programming and Applications", Tata –McGraw Hill Pub. Co., 2008.
2. Deb.S.R and Sankha Deb, "Robotics Technology and Flexible Automation", Tata McGraw Hill Publishing Company Limited, 2010.
3. Klafter.R.D, Chmielewski.T.A, and Noggin's., "Robot Engineering: An Integrated Approach", Prentice Hall of India Pvt. Ltd., 1994.
4. Fu.K.S, Gonzalez.R.C&Lee.C.S.G, "Robotics control, sensing, vision and intelligence", Tata- McGraw Hill Pub. Co., 2008
5. Yu. "Industrial Robotics", MIR Publishers Moscow, 1985.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ROBOTICS

SCHEDULE

Name of the Instructor: Mr. P.Vishnu Kumar

S. No	Content	No. of Hours
Unit-I: ROBOT BASICS		
1.	Robot-Basic concepts, Need, Law, History, Anatomy, specifications	1
2.	Robot configurations-cartesian	1
3.	cylinder, polar and articulate	1
4.	Robot wrist mechanism	1
5.	Precision and accuracy of robot	1
Unit-II: ROBOT ELEMENTS		
6.	End effectors-Classification	2
7.	Types of Mechanical actuation	2
8.	Gripper design, Robot drive system Types	2
9.	Position and velocity feedback devices	2
10.	Robot joints and links-Types	2
11.	Motion interpolation	2
Unit-III: ROBOT KINEMATICS AND CONTROL		
12.	Robot kinematics – Basics of direct and inverse kinematics	2
13.	Robot trajectories, 2D and 3D Transformation-Scaling	2
14.	Rotation, Translation Homogeneous transformation	2
15.	Control of robot manipulators – Point to point	2
16.	Continuous Path Control, Robot programming	2
Unit-IV: ROBOT SENSORS		
17.	Sensors in robot – Touch Sensors-Tactile sensor	2
18.	Proximity and range sensors	2
19.	Force sensor-Light sensors	2
20.	Pressure sensors	2
21.	Introduction to Machine Vision	2
22.	Artificial Intelligence	2
Unit-V: ROBOT APPLICATIONS		
23.	Industrial applications of robots, Medical	1
24.	Household, Entertainment	1
25.	Space, Underwater	1
26.	Defense, Disaster management	1
27.	Applications	1
28.	Micro and Nanorobots	2
29.	Future Applications	2
Total Hours		48

Vishnu
Instructor Sign

Thirupathi
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G PULLAIAH COLLEGE OF ENGINEERING & TECHNOLOGY (AT), KURNOOL

DEPARTMENT OF ECE

ROBOTICS

S.NO.	ROLL NO.	Name of the Student
III ECE		
1	17AT1A0402	IMI ABDULLAH
2	17AT1A0403	CHAKKA AKANKSHA
3	17AT1A0404	G AKHILA
4	17AT1A0405	ADI ALEKYA
5	17AT1A0406	M AMARNATHA REDDY
6	17AT1A0407	SHAIK AMEER BASHA
7	17AT1A0408	JONNALAGADDA ANJALI
8	17AT1A0409	SHAIK ARSHIYA TABASSUM
9	17AT1A0410	V BABU RAJENDRA PRASAD
10	17AT1A0411	P BHANU TEJA
11	17AT1A0412	G BHARANI
12	17AT1A0413	TALARI BHARATH KUMAR
13	17AT1A0414	MADDELA BHARATH
14	17AT1A0415	B BHARGAVI
15	17AT1A0416	MADIREDDY BHARGAVI
16	17AT1A0417	GUTIPALLY BHAVANA
17	17AT1A0418	K BINDU VAISHNAVI
18	17AT1A0419	BATTHULA CHANDRA SEKHARA BHAGAVAN
19	17AT1A0421	VUKKISALA CHENDRESWAR PRASAD
20	17AT1A0423	KOMMERA SIDDU DEEPAK VIJAY KUMAR
21	17AT1A0424	PUJARI DHARANI
22	17AT1A0425	KAMMARI DINESH
23	17AT1A0426	PALUSA DINESH KUMAR GOUD
24	17AT1A0427	P DINESH REDDY
25	17AT1A0428	KANDULA DURGA PRASAD
26	17AT1A0429	CHINTRE ERANNA
27	17AT1A0430	LOKAPALLI FATHIMA BEGUM
28	17AT1A0431	BADIGANCHALA GANESH
29	17AT1A0432	BESTA GANESH
30	17AT1A0433	BANDA GANESWARI
31	17AT1A0434	A GAYATRI
32	17AT1A0435	K GEETHA REDDY
33	17AT1A0436	JANGAM GEETHIKA PRIYA
34	17AT1A0437	Y GOPI KRISHNA
35	17AT1A0438	ANGAJALA GOPI KRISHNA YADAV
36	17AT1A0439	K GOUTHAMI
37	17AT1A0440	VADDE HARI KRISHNA PRASAD
38	17AT1A0441	G HARI PRASAD
39	17AT1A0442	A HARI PRIYA
40	17AT1A0443	MALLARI HARIKUMAR
41	17AT1A0444	PONKALA HARISH KUMAR REDDY
42	17AT1A0445	M HARSHITHA
43	17AT1A0446	SHAIK HASEENA
44	17AT1A0447	G HEMA LATHA

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45	17AT1A0448	KURUVA HEMA LATHA
46	17AT1A0449	Y HEMANTH KUMAR
47	17AT1A0451	VAKKALA HIRANMAYI
48	17AT1A0452	SHAIK IMRAN BASHA
49	17AT1A0453	B INDU SHREE
50	17AT1A0455	KALAVALA JAYA VARDHAN REDDY
51	17AT1A0456	M JAYANTH KUMAR
52	17AT1A0457	GODDETI JAYASREE
53	17AT1A0458	P JELAN BASHA
54	17AT1A0459	THOGATA MADAM JHANSI
55	17AT1A0460	MOHAMMED JUNAID AHMED
56	17AT1A0461	GONEGUNTLA JYOSHNA
57	17AT1A0462	BANTUPALLI KAVITHA
58	17AT1A0463	BANDHA LAKSHMI BHAVANI
59	17AT1A0464	P LAKSHMI SAINATHA REDDY
60	17AT1A0465	YASAM LAKSHMI SUNITHA
61	17AT1A0466	BOYA GAJJALAMMAGARI MADHU
62	17AT1A0467	SHAVALA MADHU SEKHAR
63	17AT1A0468	BOYA MADHURI
64	17AT1A0469	SRIRANGAPURAM MAHENDRA
65	17AT1A0470	POOSALAPATI MAHESHBABU
66	17AT1A0471	DALU MAHESWARI
67	17AT1A0472	SHAIK MANSOOR BASHA
68	17AT1A0473	S MD ABBAS
69	17AT1A0474	MULLA MEHARUN
IV ECE		
70	16AT1A0401	SHAIK ABDUL MUSADDIF
71	16AT1A0403	Y AKASH
72	16AT1A0404	PULUGUJU AKHIL KUMAR
73	16AT1A0405	DUDEKONDA AMBIKA DEVI
74	16AT1A0406	DUDEKULA AMEENA
75	16AT1A0408	MUNTHALA ANITHA
76	16AT1A0409	VALAMAKIL ANJUM
77	16AT1A0410	K ANUSHA
78	16AT1A0411	POLDASU ANUSHA
79	16AT1A0412	C ARCHANA
80	16AT1A0414	PARACOT BHAVANI
81	16AT1A0415	ANKADALA BHAVYA
82	16AT1A0416	K BHEEMESH
83	16AT1A0417	N CHAITANYA JYOTHI
84	16AT1A0418	BOGGULA CHAMANTHI
85	16AT1A0419	KASTHURI CHANDANA
86	16AT1A0420	KURUVA CHANDRA SEKHAR
87	16AT1A0421	D CHINNAYA SURI
88	16AT1A0423	GUNDAM DHANUSH REDDY
89	16AT1A0424	A DHARANI SRINIVAS
90	16AT1A0425	C DIVYA
91	16AT1A0426	MIDDE FARHANA
92	16AT1A0427	SHAIK FARHEEN
93	16AT1A0428	SHAIK FARHEENA BEGUM

Thirup

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94	16AT1A0429	MD FAYAZ SHAREEF
95	16AT1A0430	SHAIK FEROZ BASHA
96	16AT1A0431	SHAIK FEROZRAHEMAN
97	16AT1A0432	SHAIK FIROZ AHMED
98	16AT1A0433	NARREDDULA GEETHA REDDY
99	16AT1A0434	Y GEETHIKA SASHI
100	16AT1A0435	G GNANA SAI KRISHNA
101	16AT1A0437	MYLA HARIKRISHNA
102	16AT1A0438	B HARINATH
103	16AT1A0439	JERADODDI HARIPRIYA
104	16AT1A0440	KALLURI HARISA SULTHANA
105	16AT1A0441	SIMMANI HARISH
106	16AT1A0443	BASIREDDY HARSHINI
107	16AT1A0444	GATTU SHAIK HIDAYATHULLAH
108	16AT1A0445	MOLLA HUMERA
109	16AT1A0446	DUDEKULA IMRAN
110	16AT1A0447	B JAGADEESH BABU
111	16AT1A0448	SHAIK JAVEED HUSSAIN
112	16AT1A0449	HATTY JAYANTH MAHADEV
113	16AT1A0450	AKKALADEVI JINTHI PRIYA
114	16AT1A0451	S KALYAN KUMAR
115	16AT1A0453	VEERAMREDDYGARI KARTHIK
116	16AT1A0454	V KAVYA JANAKI
117	16AT1A0455	VALLAMKONDA KEERTHI
118	16AT1A0456	DINDUKURTI KIRAN KUMAR
119	16AT1A0457	BOYAPALLI LIKHITHA
120	16AT1A0458	SHAIK MASTAN VALI
121	16AT1A0459	S MD ANEED
122	16AT1A0460	SYED MEER AFRIDI
123	16AT1A0461	CHITTOJU MEGHANA
124	16AT1A0462	A MOUNIKA
125	16AT1A0463	GUNDUBOINA MOUNIKA
126	16AT1A0464	SHAIK MUHAMMED ABDULLAH
127	16AT1A0465	MD MUJEEB UR REHMAAN
128	16AT1A0466	M MURALI
129	16AT1A0468	SHAIK MUSEAB AHMED
130	16AT1A0469	ATTULURU NAGA AKHIL
131	16AT1A0470	C NAGA ANUSHA
132	16AT1A0471	CHINTHA NAGA PADMAJA
133	16AT1A0472	K NAGA SAI SWATHI
134	16AT1A0473	PERAPOGU NAGARANI
135	16AT1A0474	GUNDA NAGARJUNA
136	16AT1A0475	JUPURU NAGASAI SUJITH
137	16AT1A0476	T NAGENDRA YADAV
138	16AT1A0477	U NAMRATHA
139	16AT1A0478	GORAGOUNDLA NAVEEN GOUD
140	16AT1A0479	SHAIK OMAR FAROOQ
141	16AT1A0481	BASTIPATI PAVANI
142	16AT1A0482	TAMADAPALLE PAVANKUMAR
143	16AT1A0483	PEDDI PRAVEENA

Thirumpe

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144	16AT1A0484	EDIGA PRUDHVI GOUD
145	16AT1A0485	DIPADA PUJITHA VIDHATRI
146	16AT1A0486	B RACHANA
147	16AT1A0487	KOLIPAKULA RACHANA
148	16AT1A0488	P RAFIIQ AHMED
149	16AT1A0489	KOMMERLA RAGHU RAMI REDDY
150	16AT1A0490	NAGETI RAHUL
151	22AT5A0425	PALURU KOWSI PRIYA
152	22AT5A0427	POTTURU RANGANATH
153	22AT5A0428	REDDY MAHESH REDDY
154	22AT5A0429	RAMIREDDY REDDY MALLESWARI
155	22AT5A0430	SHAIK SADAQ VALLI
156	22AT5A0431	SAGILI RAAJ MEKAR
157	22AT5A0432	SANDYAPOGU SHANKAR
158	22AT5A0433	SHAIK ABDUS SUBHAN
159	22AT5A0434	SHAIK ABDUL ZUNAHID
160	22AT5A0435	SHAIK KOUSAR BHANU
161	22AT5A0436	SHAIK ABDUL UMAR
162	22AT5A0437	SHAIK ESMAIL
163	22AT5A0438	SOMU PAVAN KUMAR REDDY
164	22AT5A0439	TELUGU GANGADHAR
165	22AT5A0440	TATI REDDY PRATHYUSHA


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ROBOTICS
ASSESSMENT TEST

1. What does PID stand for in robotics?
 - A) Proportional Integral Derivative
 - B) Position Input Detection
 - C) Programmable Integrated Drive
 - D) Precision Indexing Device

2. Which of the following is NOT a type of robotic arm configuration?
 - A) Cartesian
 - B) Polar
 - C) Cylindrical
 - D) Atomic

3. What is the purpose of a gripper in robotics?
 - A) To provide mobility
 - B) To process sensory data
 - C) To manipulate objects
 - D) To generate power

4. What does SLAM stand for in robotics?
 - A) Simultaneous Location and Mapping
 - B) Sensor Localization and Mapping
 - C) Spatial Localization and Mapping
 - D) Sensory Logic and Measurement

5. Which type of robot is typically used for tasks in hazardous environments such as bomb disposal?
 - A) Humanoid
 - B) Industrial
 - C) Unmanned Aerial Vehicle (UAV)
 - D) Remote-controlled

6. What is the primary function of a robot's end effector?
 - A) To provide sensory feedback
 - B) To perform calculations
 - C) To interact with the environment
 - D) To generate power

7. Which programming language is commonly used for programming industrial robots?
 - A) Java
 - B) Python
 - C) C++
 - D) Robot Programming Language (RPL)

R. Prasad

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8. What does ROS stand for in the field of robotics?
 - A) Robot Operating System
 - B) Robotic Object Sensing
 - C) Remote Observation System
 - D) Robotic Operating Scheme

9. Which type of sensor is commonly used for detecting proximity in robotics?
 - A) LiDAR
 - B) Radar
 - C) Sonar
 - D) Gyroscope

10. Which of the following is NOT a component of a typical robot control system?
 - A) Actuator
 - B) Sensor
 - C) Processor
 - D) Battery

11. Which of the following is an example of a collaborative robot (cobot) application?
 - A) Automated assembly line
 - B) Surgical assistant in hospitals
 - C) Unmanned aerial vehicle (UAV)
 - D) Autonomous vacuum cleaner

12. What is the main advantage of using modular robots?
 - A) Increased speed
 - B) Higher payload capacity
 - C) Flexibility in configuration
 - D) Greater precision

13. What is the purpose of inverse kinematics in robotics?
 - A) To calculate the position of the robot's end effector
 - B) To simulate human-like movements
 - C) To optimize energy consumption
 - D) To generate random motion patterns

14. Which type of robot locomotion is inspired by the movement of snakes?
 - A) Bipedal
 - B) Quadrupedal
 - C) Serpentine
 - D) Wheeled

15. What is the function of a vision system in robotics?
 - A) To control robot locomotion
 - B) To detect and recognize objects
 - C) To generate power
 - D) To provide tactile feedback

Thirumala

16. Which of the following is a type of mobile robot commonly used for vacuuming floors?
 - A) Hexapod
 - B) Segway
 - C) UAV
 - D) Roomba
17. What does AI stand for in the context of robotics?
 - A) Autonomous Intelligence
 - B) Artificial Integration
 - C) Artificial Intelligence
 - D) Automated Interpretation
18. Which of the following is an example of a non-industrial robot application?
 - A) Robotic welding
 - B) Automated warehouse logistics
 - C) Personal assistant robot
 - D) Automotive assembly
19. Which of the following is NOT a method for robot localization?
 - A) GPS
 - B) Visual odometry
 - C) Particle filtering
 - D) Spectroscopy
20. Which type of robot is designed to resemble and mimic human-like movements?
 - A) Industrial robot
 - B) Humanoid robot
 - C) Autonomous robot
 - D) Wheeled robot
21. What is the purpose of haptic feedback in robotics?
 - A) To simulate touch sensations
 - B) To navigate obstacles
 - C) To detect collisions
 - D) To process visual information
22. Which type of sensor is commonly used for measuring distance in robotics?
 - A) Infrared
 - B) Ultrasonic
 - C) Microwave
 - D) Electromagnetic
23. What does SLAM stand for in robotics?
 - A) Simultaneous Localization and Mapping
 - B) Sensory Logic and Measurement
 - C) Spatial Localization and Mapping
 - D) Sensor Localization and Mapping
24. Which of the following is an example of a humanoid robot?
 - A) Boston Dynamics' Spot
 - B) DJI Phantom drone
 - C) iRobot Roomba
 - D) Honda's ASIMO

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25. What does ROS stand for in robotics?
- A) Robot Operating System
 - B) Remote Observation System
 - C) Robotic Object Sensing
 - D) Robotic Operating Scheme


Instructor Sign


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G PULLAIAH COLLEGE OF ENGINEERING & TECHNOLOGY (AT), KURNOOL

DEPARTMENT OF ECE

Computer Networking & System Security

S.NO.	ROLL NO.	ROLL NO.	Marks (50M)
III ECE			
1	17AT1A0402	IMI ABDULLAH	50
2	17AT1A0403	CHAKKA AKANKSHA	33
3	17AT1A0404	G AKHILA	35
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5	17AT1A0406	M AMARNATHA REDDY	33
6	17AT1A0407	SHAIK AMEER BASHA	50
7	17AT1A0408	JONNALAGADDA ANJALI	45
8	17AT1A0409	SHAIK ARSHIYA TABASSUM	50
9	17AT1A0410	V BABU RAJENDRA PRASAD	50
10	17AT1A0411	P BHANU TEJA	50
11	17AT1A0412	G BHARANI	50
12	17AT1A0413	TALARI BHARATH KUMAR	14
13	17AT1A0414	MADDELA BHARATH	50
14	17AT1A0415	B BHARGAVI	50
15	17AT1A0416	MADIREDDY BHARGAVI	48
16	17AT1A0417	GUTIPALLY BHAVANA	44
17	17AT1A0418	K BINDU VAISHNAVI	50
18	17AT1A0419	BATTHULA CHANDRA SEKHARA BHAGAVAN	49
19	17AT1A0421	VUKKISALA CHENDRESWAR PRASAD	41
20	17AT1A0423	KOMMERA SIDDU DEEPAK VIJAY KUMAR	11
21	17AT1A0424	PUJARI DHARANI	50
22	17AT1A0425	KAMMARI DINESH	50
23	17AT1A0426	PALUSA DINESH KUMAR GOUD	50
24	17AT1A0427	P DINESH REDDY	46
25	17AT1A0428	KANDULA DURGA PRASAD	45
26	17AT1A0429	CHINTRE ERANNA	50
27	17AT1A0430	LOKAPALLI FATHIMA BEGUM	50
28	17AT1A0431	BADIGANCHALA GANESH	15
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30	17AT1A0433	BANDA GANESWARI	45
31	17AT1A0434	A GAYATRI	49
32	17AT1A0435	K GEETHA REDDY	50
33	17AT1A0436	JANGAM GEETHIKA PRIYA	50
34	17AT1A0437	Y GOPI KRISHNA	44
35	17AT1A0438	ANGAJALA GOPI KRISHNA YADAV	49
36	17AT1A0439	K GOUTHAMI	43
37	17AT1A0440	VADDE HARI KRISHNA PRASAD	50
38	17AT1A0441	G HARI PRASAD	12
39	17AT1A0442	A HARI PRIYA	50
40	17AT1A0443	MALLARI HARIKUMAR	48
41	17AT1A0444	PONKALA HARISH KUMAR REDDY	50
42	17AT1A0445	M HARSHITHA	48
43	17AT1A0446	SHAIK HASEENA	50
44	17AT1A0447	G HEMA LATHA	50

Principals

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G Pullaiah College of Engg & Tech.
Nandikotkur Road, VENKAYAPALLI
KURNOOL-518 452 (A.P)

45	17AT1A0448	KURUVA HEMA LATHA	49
46	17AT1A0449	Y HEMANTH KUMAR	50
47	17AT1A0451	VAKKALA HIRANMAYI	50
48	17AT1A0452	SHAIK IMRAN BASHA	35
49	17AT1A0453	B INDU SHREE	30
50	17AT1A0455	KALAVALA JAYA VARDHAN REDDY	13
51	17AT1A0456	M JAYANTH KUMAR	50
52	17AT1A0457	GODDETI JAYASREE	50
53	17AT1A0458	P JELAN BASHA	46
54	17AT1A0459	THOGATA MADAM JHANSI	48
55	17AT1A0460	MOHAMMED JUNAID AHMED	50
56	17AT1A0461	GONEGUNTLA JYOSHNA	14
57	17AT1A0462	BANTUPALLI KAVITHA	49
58	17AT1A0463	BANDHA LAKSHMI BHAVANI	49
59	17AT1A0464	P LAKSHMI SAINATHA REDDY	47
60	17AT1A0465	YASAM LAKSHMI SUNITHA	50
61	17AT1A0466	BOYA GAJJALAMMAGARI MADHU	49
62	17AT1A0467	SHAVALA MADHU SEKHAR	47
63	17AT1A0468	BOYA MADHURI	49
64	17AT1A0469	SRIRANGAPURAM MAHENDRA	50
65	17AT1A0470	POOSALAPATI MAHESHBABU	44
66	17AT1A0471	DALU MAHESWARI	50
67	17AT1A0472	SHAIK MANSOOR BASHA	50
68	17AT1A0473	S MD ABBAS	14
69	17AT1A0474	MULLA MEHARUN	50
IV ECE			
70	16AT1A0401	SHAIK ABDUL MUSADDIF	50
71	16AT1A0403	Y AKASH	33
72	16AT1A0404	PULUGUJU AKHIL KUMAR	35
73	16AT1A0405	DUDEKONDA AMBIKA DEVI	50
74	16AT1A0406	DUDEKULA AMEENA	33
75	16AT1A0408	MUNTHALA ANITHA	50
76	16AT1A0409	VALAMAKIL ANJUM	45
77	16AT1A0410	K ANUSHA	50
78	16AT1A0411	POLDASU ANUSHA	50
79	16AT1A0412	C ARCHANA	50
80	16AT1A0414	PARACOT BHAVANI	50
81	16AT1A0415	ANKADALA BHAVYA	25
82	16AT1A0416	K BHEEMESH	15
83	16AT1A0417	N CHAITANYA JYOTHI	50
84	16AT1A0418	BOGGULA CHAMANTHI	48
85	16AT1A0419	KASTHURI CHANDANA	45
86	16AT1A0420	KURUVA CHANDRA SEKHAR	50
87	16AT1A0421	D CHINNAYA SURI	49
88	16AT1A0423	GUNDAM DHANUSH REDDY	41
89	16AT1A0424	A DHARANI SRINIVAS	36
90	16AT1A0425	C DIVYA	50
91	16AT1A0426	MIDDE FARHANA	50
92	16AT1A0427	SHAIK FARHEEN	50
93	16AT1A0428	SHAIK FARHEENA BEGUM	46

Thirupathi

94	16AT1A0429	MD FAYAZ SHAREEF	45
95	16AT1A0430	SHAIK FEROZ BASHA	50
96	16AT1A0431	SHAIK FEROZRAHEMAN	50
97	16AT1A0432	SHAIK FIROZ AHMED	12
98	16AT1A0433	NARREDDULA GEETHA REDDY	46
99	16AT1A0434	Y GEETHIKA SASHI	45
100	16AT1A0435	G GNANA SAI KRISHNA	49
101	16AT1A0437	MYLA HARIKRISHNA	50
102	16AT1A0438	B HARINATH	50
103	16AT1A0439	JERADODDI HARIPRIYA	48
104	16AT1A0440	KALLURI HARISA SULTHANA	49
105	16AT1A0441	SIMMANI HARISH	43
106	16AT1A0443	BASIREDDY HARSHINI	50
107	16AT1A0444	GATTU SHAIK HIDAYATHULLAH	34
108	16AT1A0445	MOLLA HUMERA	50
109	16AT1A0446	DUDEKULA IMRAN	48
110	16AT1A0447	B JAGADEESH BABU	50
111	16AT1A0448	SHAIK JAVEED HUSSAIN	48
112	16AT1A0449	HATTY JAYANTH MAHADEV	50
113	16AT1A0450	AKKALADEVI JINTHI PRIYA	50
114	16AT1A0451	S KALYAN KUMAR	49
115	16AT1A0453	VEERAMREDDYGARI KARTHIK	50
116	16AT1A0454	V KAVYA JANAKI	50
117	16AT1A0455	VALLAMKONDA KEERTHI	50
118	16AT1A0456	DINDUKURTI KIRAN KUMAR	13
119	16AT1A0457	BOYAPALLI LIKHITHA	45
120	16AT1A0458	SHAIK MASTAN VALI	46
121	16AT1A0459	S MD ANEED	50
122	16AT1A0460	SYED MEER AFRIDI	46
123	16AT1A0461	CHITTOJU MEGHANA	48
124	16AT1A0462	A MOUNIKA	50
125	16AT1A0463	GUNDUBOINA MOUNIKA	48
126	16AT1A0464	SHAIK MUHAMMED ABDULLAH	49
127	16AT1A0465	MD MUJEEB UR REHMAAN	49
128	16AT1A0466	M MURALI	47
129	16AT1A0468	SHAIK MUSEAB AHMED	50
130	16AT1A0469	ATTULURU NAGA AKHIL	50
131	16AT1A0470	C NAGA ANUSHA	47
132	16AT1A0471	CHINTHA NAGA PADMAJA	49
133	16AT1A0472	K NAGA SAI SWATHI	50
134	16AT1A0473	PERAPOGU NAGARANI	49
135	16AT1A0474	GUNDA NAGARJUNA	50
136	16AT1A0475	JUPURU NAGASAI SUJITH	50
137	16AT1A0476	T NAGENDRA YADAV	14
138	16AT1A0477	U NAMRATHA	50
139	16AT1A0478	GORAGOUNDLA NAVEEN GOUD	50
140	16AT1A0479	SHAIK OMAR FAROOQ	14
141	16AT1A0481	BASTIPATI PAVANI	35
142	16AT1A0482	TAMADAPALLE PAVANKUMAR	50
143	16AT1A0483	PEDDI PRAVEENA	33

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144	16AT1A0484	EDIGA PRUDHVI GOUD	50
145	16AT1A0485	DIPADA PUJITHA VIDHATRI	45
146	16AT1A0486	B RACHANA	50
147	16AT1A0487	KOLIPAKULA RACHANA	50
148	16AT1A0488	P RAFIIQ AHMED	50
149	16AT1A0489	KOMMERLA RAGHU RAMI REDDY	50
150	16AT1A0490	NAGETI RAHUL	25
151	22AT5A0425	PALURU KOWSI PRIYA	32
152	22AT5A0427	POTTURU RANGANATH	50
153	22AT5A0428	REDDY MAHESH REDDY	48
154	22AT5A0429	RAMIREDDY REDDY MALLESWARI	44
155	22AT5A0430	SHAIK SADAQ VALLI	50
156	22AT5A0431	SAGILI RAAJ MEKAR	49
157	22AT5A0432	SANDYAPOGU SHANKAR	41
158	22AT5A0433	SHAIK ABDUS SUBHAN	36
159	22AT5A0434	SHAIK ABDUL ZUNAHID	50
160	22AT5A0435	SHAIK KOUSAR BHANU	50
161	22AT5A0436	SHAIK ABDUL UMAR	50
162	22AT5A0437	SHAIK ESMAIL	46
163	22AT5A0438	SOMU PAVAN KUMAR REDDY	45
164	22AT5A0439	TELUGU GANGADHAR	50
165	22AT5A0440	TATI REDDY PRATHYUSHA	50

[Handwritten Signature]

Instructor Sign

[Handwritten Signature]

HOD-ECE

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