



# GURU NANAK INSTITUTE OF TECHNOLOGY

City Office: B2, 2<sup>nd</sup> Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.  
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

[www.gnithyd.ac.in](http://www.gnithyd.ac.in)

Campus: Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

## DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

Date: 24/10/2017

### CIRCULAR

All the students of department of ECE are informed to express their interest by enrolling their name for the One week certificate course on 'Embedded Systems using Raspberry Pi' starting from 4/12/2017 to 9/12/2017 .

The detailed syllabus for the course is attached for your information and the enrolled students will be certified accordingly based upon the test conducted at the end of the course.

Concerned Class In charges are instructed to submit the list of the students enrolled within two days to the undersigned. For further information, you can contact the Course Coordinator or the Head of the Department.

HOD ECE

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ECE Department  
Guru Nanak Institute of Technology  
Ibrahimpatnam, R.R. Dist-A.P

Copy to:

- Respected Principal and Vice Principal (for Information)
- Class In charges( for action)
- Notice Board ( for display)



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## DEPARTMENT OF ECE LIST OF STUDENTS ENROLLED FOR EMBEDDED SYSTEMS USING RASPBERRY PI 2017-18

S.No.	H.T.No.	Name of the Student	Year	Dept.
1	15831A0483	PULIPATI BINDU	III	ECE
2	15831A0484	PULIPATI PADMA TEJASWI	III	ECE
3	15831A0485	PULLURI AKHIL	III	ECE
4	15831A0499	SAMA DIVYA	III	ECE
5	15831A04A2	SHAIK NAGASHARIF	III	ECE
6	15831A04B0	THALARI VENU	III	ECE
7	15831A04B1	THOTA SHIREESHA	III	ECE
8	15831A04B2	THUMMALA SRAVANI	III	ECE
9	15831A04B3	T SREEKANTH	III	ECE
10	14831A0425	DASARI SHIRISHA	IV	ECE
11	14831A0426	DEVANAKU SAI RAKSHAK	IV	ECE
12	14831A0427	DHEERAVATH SAI KUMAR	IV	ECE
13	14831A0428	DULCHAND ASHWINI	IV	ECE
14	14831A0429	EERELLI SRIKANTH	IV	ECE
15	14831A0430	GADAM NAVEEN	IV	ECE
16	14831A0431	GAJJALA SOWMYA	IV	ECE
17	14831A0432	GORIGE NAGAMANI	IV	ECE
18	14831A0466	MOHAMMED IKRAMUDDIN	IV	ECE
19	14831A0467	MOTHE HARISH	IV	ECE
20	14831A0468	MOUDH NARESH	IV	ECE
21	14831A0469	MUDIYALA RUSHITHA	IV	ECE
22	14831A0470	MUDRAGADA SAITEJA	IV	ECE
23	14831A0471	MUNAGALA NAGAVARMINI	IV	ECE
24	14831A0472	MUSALI PRASANNA KUMARI	IV	ECE
25	14831A0473	N RAHUL	IV	ECE
26	14831A0425	DASARI SHIRISHA	IV	ECE
27	14831A0426	DEVANAKU SAI RAKSHAK	IV	ECE
28	14831A0427	DHEERAVATH SAI KUMAR	IV	ECE
29	14831A0428	DULCHAND ASHWINI	IV	ECE
30	14831A0429	EERELLI SRIKANTH	IV	ECE
31	14831A0430	GADAM NAVEEN	IV	ECE
32	14831A0431	GAJJALA SOWMYA	IV	ECE
33	14831A0432	GORIGE NAGAMANI	IV	ECE
34	14831A04B0	YEDDU PURNA SAI KUMAR	IV	ECE
35	13831A0493	SIMHARAJU SATHVIK KUMAR	IV	ECE
36	15835A0408	CILIVERU PAVAN KUMAR	IV	ECE



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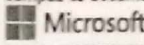
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### ATTENDANCE SHEET FOR EMBEDDED SYSTEM PROGRAMMING USING RASPBERRY PI

S.no	Hallticket no	Name of the student	Year	Branch	04-12-2017	05-12-2017	06-12-2017	07-12-2017	08-12-2017	09-12-2017	total
1	15831A0483	PULIPATI BINDU	III	ECE	1	1	1	1	1	1	6
2	15831A0484	PULIPATI PADMA TEJASWI	III	ECE	1	1	1	0	1	1	5
3	15831A0485	PULLURI AKHIL	III	ECE	0	1	1	1	1	1	5
4	15831A0499	SAMA DIVYA	III	ECE	1	1	1	1	1	1	6
5	15831A04A2	SHAIK NAGASHARIF	III	ECE	1	1	1	1	1	1	6
6	15831A04B0	THALARI VENU	III	ECE	1	1	0	1	1	1	5
7	15831A04B1	THOTA SHIREESHA	III	ECE	1	1	1	1	0	1	5
8	15831A04B2	THUMMALA SRAVANI	III	ECE	1	1	1	1	1	1	6
9	15831A04B3	THUMMALAPALLI SREEKANTH	III	ECE	1	1	1	1	1	0	5
10	14831A0425	DASARI SHIRISHA	IV	ECE	1	1	1	1	1	1	6
11	14831A0426	DEVANAKU SAI RAKSHAK	IV	ECE	1	1	1	1	1	1	6
12	14831A0427	DHEERAVATH SAI KUMAR	IV	ECE	1	1	1	1	1	1	6
13	14831A0428	DULCHAND ASHWINI	IV	ECE	1	1	1	1	1	1	6
14	14831A0429	EERELLI SRIKANTH	IV	ECE	1	1	1	1	1	1	6
15	14831A0430	GADAM NAVEEN	IV	ECE	1	1	1	0	1	1	5
16	14831A0431	GAJJALA SOWMYA	IV	ECE	1	1	1	1	1	1	6
17	14831A0432	GORIGE NAGAMANI	IV	ECE	0	1	1	1	1	1	5
18	14831A0466	MOHAMMED IKRAMUDDIN	IV	ECE	1	1	1	1	1	1	6
19	14831A0467	MOTHE HARISH	IV	ECE	1	1	0	1	1	1	5
20	14831A0468	MOUDH NARESH	IV	ECE	1	1	1	1	1	1	6
21	14831A0469	MUDIYALA RUSHITHA	IV	ECE	1	1	1	1	1	0	5
22	14831A0470	MUDRAGADA SAITEJA	IV	ECE	1	1	1	1	1	1	6
23	14831A0471	MUNAGALA NAGAVARMINI	IV	ECE	1	1	1	1	1	1	6
24	14831A0472	MUSALI PRASANNA KUMARI	IV	ECE	1	1	1	1	1	1	6
25	14831A0473	N RAHUL	IV	ECE	1	1	1	0	1	1	5
26	14831A0425	DASARI SHIRISHA	IV	ECE	1	1	1	1	1	1	6
27	14831A0426	DEVANAKU SAI RAKSHAK	IV	ECE	1	1	0	1	1	1	5
28	14831A0427	DHEERAVATH SAI KUMAR	IV	ECE	1	1	1	1	1	0	5
29	14831A0428	DULCHAND ASHWINI	IV	ECE	1	1	1	1	1	1	6
30	14831A0429	EERELLI SRIKANTH	IV	ECE	1	1	1	1	1	1	6
31	14831A0430	GADAM NAVEEN	IV	ECE	1	1	1	1	1	1	6



32	14831A0431	GAJJALA SOWMYA	IV	ECE	0	1	1	1	1	1	5
33	14831A0432	GORIGE NAGAMANI	IV	ECE	1	1	1	1	1	1	6
34	14831A04B0	YEDDU PURNA SAI KUMAR	IV	ECE	1	1	1	1	1	1	6
35	13831A0493	SIMHARAJU SATHVIK KUMAR	IV	ECE	1	1	1	1	1	1	6
36	15835A0408	CILIVERU PAVAN KUMAR	IV	ECE	1	1	1	1	1	1	6



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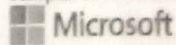
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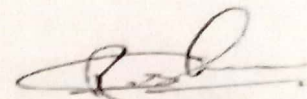
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### MARKS FOR EMBEDDED SYSTEM PROGRAMMING USING RASPBERRY PI

S.no	Hallticket no	Name of the student	Year	Branch	Marks
1	15831A0483	PULIPATI BINDU	III	ECE	10
2	15831A0484	PULIPATI PADMA TEJASWI	III	ECE	9
3	15831A0485	PULLURI AKHIL	III	ECE	9
4	15831A0499	SAMA DIVYA	III	ECE	10
5	15831A04A2	SHAIK NAGASHARIF	III	ECE	10
6	15831A04B0	THALARI VENU	III	ECE	9
7	15831A04B1	THOTA SHIREESHA	III	ECE	9
8	15831A04B2	THUMMALA SRAVANI	III	ECE	10
9	15831A04B3	THUMMALAPALLI SREEKANTH	III	ECE	9
10	14831A0425	DASARI SHIRISHA	IV	ECE	10
11	14831A0426	DEVANAKU SAI RAKSHAK	IV	ECE	10
12	14831A0427	DHEERAVATH SAI KUMAR	IV	ECE	10
13	14831A0428	DULCHAND ASHWINI	IV	ECE	10
14	14831A0429	EERELLI SRIKANTH	IV	ECE	10
15	14831A0430	GADAM NAVEEN	IV	ECE	9
16	14831A0431	GAJJALA SOWMYA	IV	ECE	10
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35	13831A0493	SIMHARAJU SATHVIK KUMAR	IV	ECE	10
36	15835A0408	CILIVERU PAVAN KUMAR	IV	ECE	10



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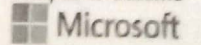
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

### REPORT ON ONE WEEK CERTIFICATE COURSE ON 'EMBEDDED SYSTEMS USING RASPBERRY PI'

Date: 14/12/2017

The Course entitled One week certificate course on 'Embedded Systems using Raspberry Pi' has been successfully conducted from 04/12/2017 to 09/12/2017 in the department of ECE, GNIT. The total number of students who have successfully completed the course are 36 .

After the successful completion of the course, the students are able to achieve the following outcomes:

- learn the basics of Internet of Things and its applications
- build your computer using Raspberry Pi platform
- work with DHT sensors to detect humidity and temperature
- setup IoT connectivity using a remote desktop
- understand Raspbian OS, Python programming, SMTP and API
- develop and test an IoT weather monitoring station

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# **GNT GURU NANAK INSTITUTE OF TECHNOLOGY**

(Approved by AICTE New Delhi, Accredited by NBA & Affiliated to JNTU Hyderabad) Campus: Ibrahimpatnam, R. R. District – 501 506

## **Department of Electronics & Communication Engineering**

### **ONE WEEK CERTIFICATE COURSE ON**

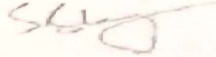
### **"EMBEDDED SYSTEMS USING RASPBERRY PI"**

**(04-12-2017 to 09-12-2017)**

### **CERTIFICATE**

This is to certify that Ms. Govilge Nagamani of IV ECE  
GNIT has successfully completed the  
One Week Certificate course on " EMBEDDED SYSTEMS USING RASPBERRY PI "  
at Guru Nanak Institute of Technology, Hyderabad.

Dr Ravi Shankar Mishra  
HOD-ECE

  
Dr S Sreenatha Reddy  
Principal

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- School of Management Studies
- School of Computer Applications
- School of Pharmacy

##### **Panineeeya Institute of Dental Science & Hospital**

Guru Nanak Institute of Engineering & Technology (Nagpur)  
Guru Nanak Institute of Engineering & Management (Nagpur)