



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**

**(Autonomous)**

(Affiliated to AU, Approved by AICTE & Accredited by NBA)  
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Date: 16<sup>th</sup> November 2017

**CIRCULAR**

Department of ECE is glad to inform you that Tinkerer's Lab of our department is organizing a series of workshops viz. Embedded Systems (IOT) Fundamentals (Phase-1) from January 2<sup>nd</sup> to January 4<sup>th</sup> 2018 and Embedded Systems (IOT) Advanced (Phase-2) from 15<sup>th</sup> February to 17<sup>th</sup> February 2018 in association with APSSDC, Vijayawada and ANITS IETE student forum for III/IV ECE. Registration fee for each workshop is 250/- per candidate. Further details are available in department notice board. Interested students can enroll their names with Mr. N. Srinivasa Naidu, Asst Professor.

Mr. N.Srinivasa Naidu

Incharge, Tinkerer's Lab (TL)

Dr.V.Rajyalaxshmi.

Prof & HOD, Dept of ECE

**Head of the Department**  
**Department of ECE**

Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

**DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING**

**A three day workshop on  
Embedded system (IoT) Fundamentals (Phase 1)  
2<sup>nd</sup> January to – 4<sup>th</sup> January 2018**

**I. Syllabus:**

Phase 1(Fundamentals)	Course content
Day-1	Introduction to Embedded Systems, Introduction to 8051 family, Introduction to Keil- IDE & Proteus 8, Embedded C Programming, LED based Projects.
Day-2	Arduino Programming, Introduction to Digital Pins & Inputs- LED Based Projects. Interfacing of switches with Arduino & LCD Based Projects, Motor Based Projects, Introduction to Analog Pins & Inputs.
Day-3	Interfacing of Seven segment Display with Arduino, Interfacing of sensors with Arduino-LDR, Humidity sensor, Temperature sensor, Ultrasonic sensor& Mini projects

**II. Course Outcomes:**

Students are able to

- I. Program & Interface 8051
- II. Initialize & Program Arduino Uno
- III. Interface various peripherals to Arduino Uno



**Dr.V.Rajya Lakshmi**  
Prof & HOD,ECE  
Head of the Department  
Department of ECE

Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

Day 1

# Embedded Systems (Phase 1)

Venue 2: DSP Lab, Dept of ECE, ANITS

Day & Date: 1 & 2/1/2018 (F.N)

S.No	Reg No	Name	CLASS	Signature
1	315126512094	Prem	3/4 ECE B	M. Premkumar
2	315126512125	Manideepa	3/4 ECE B	P. Manideepa
3	315126512084	Dhamini	3/4 ECE B	L. Dhamini
4	315126512099	Haritha	3/4 ECE B	M. Haritha
5	315126512079	Abhishek	3/4 ECE B	K. Abhishek
6	315126512110	Manoj Kalyan	3/4 ECE B	M. Manoj Kalyan
7	315126512107	Manikanta	3/4 ECE B	M. Manikanta
8	315126512128	Prasanth	3/4 ECE B	P. Prasanth
9	315126512144	Varaprasad	3/4 ECE B	R. Varaprasad
10	315126512143	Eshwar	3/4 ECE B	R. Eshwar
11	315126512091	Sandeep	3/4 ECE B	Sandeep
12	315126512105	Sai Babu	3/4 ECE B	M. Sai Babu
13	315126512097	Vikas H	3/4 ECE B	Vikas H
14	315126512089	Srikar	3/4 ECE B	M. Srikar
15	315126512111	Naveen	3/4 ECE B	N. Naveen
16	315126512088	Praneeth	3/4 ECE B	M. Sai Praneeth
17	315126512135	Durga Srinivas	3/4 ECE B	P. Durgasrinivas
18	315126512133	Sravani	3/4 ECE B	S. Sravani
19	315126512078	Srinivas	3/4 ECE B	S. Srinivas
20	314126512046	Rama Krishna	4/4 ECE A	R. Rama Krishna
21	315126512063	KSS NAVYA	3/4 ECE-A	K. S. Sai Navya
22	315126512013	B. VASANTH	3/4 ECE-A	B. Vasanth
23	315126512022	B. PAVANI	3/4 ECE-A	B. Pavani
24	315126512058	<del>GIRIRAJA KUMARI</del>	3/4 ECE-A	S. Subhanto Venue 1
25	315126512004	A. TEJASWINI	3/4 ECE-A	A. Tejaswini
26	315126512036	C.H. DIVYA SRI	3/4 ECE-A	C. H. Divyasri
27	315126512071	AKHIL	3/4 ECE-A	K. Akhil
28	315126512041	DEEPTI SAI	3/4 ECE-A	E. Deepthi Sai

29	315126512002	JAYA KUMAR	3/4 ECE-A	A. Jaykumar
30	315126512037	SOWMYA KRISHNA	3/4 ECE-A	D. Sowmya Krishna
31	315126512179	NAGAMANI	3/4 ECE-C	A. N. Nagamani
32	315126512163	T. MOSES	3/4 ECE-C	T. Moses
33	315126512157	T. VIJAYA KUMAR	3/4 ECE-C	← Absent →
34	315126512169	V. RAMESH	3/4 ECE-C	V. Ramesh
35	315126512175	Y. SUNANDA DEVI	3/4 ECE-C	Y. Sunanda Devi
36	315126512167	U. RAJESH NAIDU	3/4 ECE-C	Rajesh
37	315126512154	SAMEER REHAMAN	3/4 ECE-C	S. Sameer Rehaman
38	315126512159	T. ANJANA	3/4 ECE-C	T. Anjana
39	315126512170	V. RAJESH	3/4 ECE-C	V. Rajesh
40	315126512014	B SREE SAI RAM	3/4 ECE-A	B. Sree Sai Ram
41	315126512017	B SAI VAMSI	3/4 ECE-A	B. Sai Vamsi
42	315126512065	K SAROJINI ANURADHA	3/4 ECE-A	K. Sarojini Anuradha
43	315126512045	G NIKHIL SAI	3/4 ECE-A	Nikhil
44	315126512044	KEERTHIKAR	3/4 ECE-A	Keerthi Kar
45	315126512028	CH KIRANKUMAR	3/4 ECE-A	Ch. Kirankumar
46	315126512162	PREETHAM	3/4 ECE-C	P. Preetham
47	315126512212	HARSHA RB	3/4 ECE-C	R. Harsha
48	315126512188	K KUMAR	3/4 ECE-C	K. Kumar
49	315126512177	Y KRISHNA TEJA	3/4 ECE-C	Y. Krishna Teja
50	315126512189	P JOHN SARIKA	3/4 ECE-C	P. John Sarika
51	315126512108	LOKESH	3/4 ECE B	L. Lokesh
52	315126512134	REVANTH	3/4 ECE B	P. Revanth
53	315126512116	SATISH	3/4 ECE B	Satish
54	314126512134	NAVEEN	4/4 ECE B	S. Naveen
55	314126512019	SRUJAN	4/4 ECE A	B. Srujan
56	315126512199	A.S. Ravichandra	3/4 ECE C	A. S. Ravichandra
57	315126514157	T. Rachana	3/4 ECE C	T. Rachana
49	315126512201	K. Ramesh	3/4 ECE C	K. Ramesh

## 56 Students Present  
01 Student Absent

Milu  
2/1/2018

Microcontrollers

## Embedded Systems (Phase 1)

Venue 1: Simulation Lab, Dept of ECE, ANITS

Day 2

Day & Date: 2 & 3/1/18 (A.N)

S.No	Reg No	Name	CLASS	Signature
1	315126512094	Prem	3/4 ECE B	M. Prem Kumar
2	315126512125	Manideepa	3/4 ECE B	<del>ABSENT</del> → Manideepa
3	315126512084	Dhamani Devi	3/4 ECE B	L. Dhamani Devi
4	315126512099	Haritha	3/4 ECE B	Haritha
5	315126512079	Abhishek	3/4 ECE B	K. Abhishek
6	315126512110	Manoj Kalyan	3/4 ECE B	N.M.K Kalyan
7	315126512107	M.N.Manikanta	3/4 ECE B	M.N. Manikanta
8	315126512128	Prasanth	3/4 ECE B	Prasanth
9	315126512144	R.Varaprasad	3/4 ECE B	R. Varaprasad
10	315126512143	Eswar	3/4 ECE B	Eswar
11	315126512091	M.Sandeep	3/4 ECE B	M. Sandeep
12	315126512105	Sai Babu	3/4 ECE B	M. S. Saibabu
13	315126512097	M.Vikash	3/4 ECE B	M. Vikash
14	315126512089	Srikar	3/4 ECE B	Srikar
15	315126512111	Naveen.N.N	3/4 ECE B	Naveen
16	315126512088	Praneeth	3/4 ECE B	Praneeth
17	315126512135	Durga Srinivas	3/4 ECE B	Durga
18	315126512133	Sravani	3/4 ECE B	Sravani
19	315126512078	Srinivas	3/4 ECE B	Srinivas
20	314126512046	Rama Krishna	4/4 ECE A	R. Parashikha
21	315126512063	K.S.Siri NAVYA	3/4 ECE-A	K.S. Siri Navya
22	315126512013	B.VASANTHA	3/4 ECE-A	<del>ABSENT</del> →
23	315126512022	B.PAVANI	3/4 ECE-A	B. Pavani
24	315126512004	A. TEJASWINI	3/4 ECE-A	A. Tejaswini
25	315126512036	C.H.DIVYA SAI	3/4 ECE-A	<del>ABSENT</del> →
26	315126512071	AKHIL	3/4 ECE-A	K. Akhil
27	315126512041	DEEPTI SAI	3/4 ECE-A	E. Deepthi Sai
28	315126512002	A.JAYA KUMAR	3/4 ECE-A	A. Jaya Kumar

29	315126512037	SOWMYA KRISHNA	3/4 ECE-A	Asking
30	315126512179	NAGAMANI.A	3/4 ECE-C	A. Nalamani
31	315126512163	T.MOSES	3/4 ECE-C	T. moses
32	315126512157	T.VIJAYA KUMAR	3/4 ECE-C	
33	315126512169	V.RAMESH	3/4 ECE-C	V. Ramesh
34	315126512175	Y.SUNANDA DEVI	3/4 ECE-C	Y. Sunanda
35	315126512167	U.RAJESH NAIDU	3/4 ECE-C	U. Rajesh
36	315126512154	SAMEER REHAMAN	3/4 ECE-C	S. Sameer
37	315126512159	T.ANJANA	3/4 ECE-C	T. Anjana
38	315126512170	V.RAJESH	3/4 ECE-C	V. Rajesh
39	315126512014	B SRI SAI RAM	3/4 ECE-C	B Sri Sai Ram
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42	315126512045	G NIKHIL SAI	3/4 ECE-A	G Nikhil Sai
43	315126512044	G. KIRTHIKAR	3/4 ECE-A	G. Kirthikar
44	315126512028	CH KIRANKUMAR	3/4 ECE-A	Ch Kirankumar
45	315126512162	T. RAJ PREETHAM	3/4 ECE-A	T. Raj Preetham
46	315126512212	HARSHA NATARAJ . B	3/4 ECE-C	Harsha Nataraj
47	315126512188	K KUMAR	3/4 ECE-C	K Kumar
48	315126512177	Y KRISHNA TEJA	3/4 ECE-C	Y Krishna Teja
49	315126512189	P JOHN SARIKA	3/4 ECE-C	P John Sarika
50	315126512108	LOKESH MRUDHUL. N	3/4 ECE-C	Lokesh Mrudhul
51	315126512134	P.REVANTH SAI PRASAD	3/4 ECE B	P. Revanth Sai Prasad
52	315126512116	SATISH	3/4 ECE B	Satish
53	314126512134	NAVEEN	3/4 ECE B	Naveen
54	314126512019	SRUJAN	4/4 ECE B	Srujan
55	315126512199	A.S.Ravichandra	4/4 ECE A	A.S. Ravichandra
56	315126514157	T.Rachana	3/4 ECE-C	T. Rachana
57	314126512201	K.Ramesh	3/4 EEE-C	K. Ramesh
			4/4 ECE-C	

Total: 57

Present: 51 + 1 = 52

ABSENT: 06 - 1 = 05

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