

**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) advanced (Phase-2)**

15<sup>th</sup> February to 17th February 2018

**I. Syllabus:**

Phase 2(Advanced) Day Wise schedule	Course content
Day-1	Introduction to IOT, Interfacing of Wired connectivity (Ethernet Shield) with Arduino. Interfacing of Wireless connectivity(RFID, Bluetooth, WIFI module) with Arduino
Day-2	Introduction of Raspberry pi. (Different models in Raspberry pi).Raspberry pi board explanation, Formatting SD Card and Installing Operating System& How to install operating system and get the pi booted up. Controlling of GPIO pins& Control LEDs with Buttons on GPIO Pins
Day-3	Interfacing of sensors (PIR, Ultrasonic& Humidity sensor) with Raspberry pi, Interfacing of Wire& Wireless connectivity (RFID,Bluetooth,WIFI module))with Raspberry Pi & Mini project.

**II. Course Outcomes:**

Students are able to

- I. Interface RFID, Bluetooth and Wi-Fi module to Arduino
- II. Initialize & Program Raspberry Pi
- III. Interface sensors, RFID, Bluetooth and Wi-Fi module to Raspberry Pi



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

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Students interfacing Motor to Raspberry Pi, initializing Amazon Web Services, controlling Things using Socket Communication (Clockwise)



Resource persons, faculty Coordinators along with Dr. Rajya Lakshmi, HOD.

Day - 1

Venue: DSP Lab

## Embedded systems: Phase-2

Batch No.	REG.NO	STUDENT NAME	Signature
	315126512002	ABOTULA JAYA KUMAR	A. Jaya Kumar
IOT-1	315126512004	ALAPATI TEJASWINI	A. Tejagini
	315126512005	ALLAMSETTI VENKATANAVYA	A.V. Navya
	315126512006	ALLURI NAGA DURGA SASI TEJA	Sasi Teja
IOT-2	315126512009	ARASAVILLI PRIYANKA	Priyanka
	315126512014	BALANAGU SRI SAIRAM	Sai Ram
	315126512016	BANDARU HAREESHA	B. Hareesha
IOT-3	315126512021	BORA NAVEEN	Naveen
	315126512022	BOTCHA PAVANI	B. Pavani
	315126512027	CHATTUMALA PREETHAM	Ch. Preetham
IOT-4	315126512034	DATTI SAI KISHORE	Datti Sai
	315126512035	DESINEEDI SAI NAGA SURYA ADITYA	Aditya
	315126512037	DODDAPANENI SOWMYA KRISHNA	D. Sowmya Krishna
IOT-5	315126512039	DONDAPATI SWARNA BHARATHI	Swarna
	315126512041	ETHAKOTA DEEPTHI SAI	E. Deepthi Sai
	315126512043	GEDALA SUJATHA	Sujatha
IOT-6	315126512045	GOLAGANI NIKHIL SAI	Nikhil Sai
	315126512048	GUMPINA RAMA KRISHNA CHAITANYA	Chaitanya
	315126512051	INKULU LAKSHMAN	Lakshman
IOT-7	315126512055	JAYA SATYANARAYANA KADA	K. J. S. Narayana
	315126512056	KALIGI BHARGAV	Bhargav
	315126512057	KALLEPALLI BALASAGAR	Balasagar
IOT-8	315126512058	KALLEPALLI GIRIJA KUMARI	Girija Kumari
	315126512063	KASIBHATLA SITA SIRI NAVYA	Siri Navya
	315126512064	KASINA SAI MAHESH	Mahesh
IOT-9	315126512065	KOLLURU SAROJINI ANURADHA	Sarojini Anuradha
	315126512069	KORIBILLI KOKILA RANI	K. Kokila Rani
	315126512070	KORNANA LALITH KUMAR YADAV	Lalith Kumar
IOT-10	315126512071	KORUPOLU AKHIL	Akhil
	315126512144	REDDY VARAPRASAD	R. Varaprasad
	315126512073	KOTHANURATHI	

F-11	315126512073	KOTHA SRINATH	K. Srinath
	315126512075	KUCHAMPUDI HEMANTH KUMAR VARMA	K. Hemantha
	315126512076	KUNA RAJYA LAKSHMI	K. Rajya Lakshmi
IOT-12	315126512078	KUPPALA SRI SAI SRINIVAS	K. Srilu
	315126512080	KURUMBUMKATU SURESH VIDYA	S. Suresh
	315126512081	L PUJITA REDDY	L. Pujita Reddy
IOT-13	315126512082	LAGUDU UHA	L. Uha
	315126512084	LEKKALA DHAMANI DEVI	L. Dhamani Devi
	315126512087	MANAPURAM HARIKA	Harika
IOT-14	315126512088	MANAPURAM SAI PRANEETH	M. S. Praneeth
	315126512089	MANCHAMBHATLA SRIKAR	M. Srikar
	315126512091	MANNEPALLY SANDEEP	Sandeep
IOT-15	315126512092	MANTRIPRAGADA SAI PAVAN KUMAR	Sai Pavan
	315126512094	MARRI PREMKUMAR	M. Premkumar
	315126512095	MASABATTULA MANASA ROJA	← Shifted to SL →
IOT-16	315126512096	MATTA VYSAKHI LAKSHMI PADMA PRIYA	← Shifted to SL →
	315126512097	MEDIBOINA VIKASH	← Shifted to SL →
	315126512098	MENDA VENKATA LAVANYA	H. Venkata
IOT-17	315126512099	METTA HARITHA	M. Haritha
	315126512102	MOIDA HARI VAMSI	M. Hari Vamsi
	315126512104	MULPURU GAYATHRI SAI RAJITHA	M. G. S. Rajitha
IOT-18	315126512105	MUMMAREDDY SATYA SAI BABU	Saibabu
	315126512106	MUVVALA KAVYA SAI	Kavya
	315126512107	MYGAPULA NAGA MANIKANTA	Manikanta
IOT-19	315126512108	NAGABATHULA LOKESH MRUDHUL	N. Lokesh Mrudhul
	315126512113	NATRA CHAITANYA SAI SAI	N. Chaitanya Sai
	315126512118	PADALA KAVYA	P. Kavya

IOTB : 315126512011 Avugadda Rama Lavanya

A. Rama Lavanya

Total: 55

Present: 55

Absc: 00

M.L.

102/18

Venue: Simulation Lab

Day-1

Afternoon

Batch No.	Roll No	Name	Signature
IOT-20	315126512122	PALEPU VENKATA KRISHNA GOWTHAM ✓	Gowtham
	315126512123	PALLI ANIRUDH ✓	P. Anirudh
	315126512124	PAMARTHI VENKATA NAGA SAI ✓	P. Anirudh
IOT-21	315126512126	PATANA VINITA ✓	P. Vinita
	315126512127	PATNALA DEEPAK ✓	P. Anirudh
	315126512129	PEBBILI VENKATA SURYA MEGHANA ✓	P.V.S. Meghana
IOT-22	315126512130	PECHETTI DIVYASRI ✓	P. Divya Sri
	315126512131	PENTAKOTA NAVYA TEJA ✓	P. Navya Teja
	315126512132	PILLI JEEVANPRIYATHAM ✓	P. Jeevan
IOT-23	315126512134	PILLA REVANTH SAI PRASAD ✓	P. Revanth
	315126512135	PINDI DURGA SRINIVAS ✓	P. Durgasrinivas
	315126512136	PONNADA MUKESH ✓	P. Mukesh
IOT-24	315126512140	LAKSHMI YOGITHA PUPPALA ✓	Yogitha
	315126512142	RATNALA VINAY ✓	R. Vinay
	315126512143	REDDI ESWAR ✓	R. Eswar
IOT-25	315126512145	SAGINA TEJASWI ✓	Tejaswi
	315126512148	SANA ABHISHEK ✓	Abhishek
	315126512151	SHAIK KALEEM ✓	Shaik Kaleem
IOT-26	315126512158	THAMMISSETTY LAKSHMI PRIYANKA ✓	Lakshmi Priyanka
	315126512159	THANGUTURI ANJANA ✓	Anjana
	315126512162	THOKALA RAJ PREETHAM ✓	R. Preetham
IOT-27	315126512164	TIRUMALA RAJU ARAVIND VARMA ✓	T. Aravind
	315126512166	UGGINA MOUNICA DEVI ✓	Mounica
	315126512167	UNDIPALLI RAJESH NAIDU ✓	U. Rajesh
IOT-28	315126512170	VASAPALLI RAJESH ✓	V. Rajesh
	315126512175	YANDRA SUNANDA DEVI ✓	Y. Sunanda Devi
	315126512177	YARASURI KRISHNA TEJA ✓	Y. Krishna Teja
IOT-29	315126512179	NAGAMANI ANUPOJU ✓	N. Anupouju
	315126512181	MADDALA RASI ✓	M. Rasi
	315126512185	NEELI NITISH ✓	N. Nitish
IOT-30	315126512188	KALEPU JANA VEERABHADRA KUMAR *	
	315126512189	PALAGADDA JANA VEERABHADRA KUMAR *	

IOT-31	315126512190	BOVUROTHU SANTOSH NAIDU ✓	Devi R. maheswari K. Aswini
	315126512191	RAVADA MAHESWARI ✓	
	315126512197	KOVVADA ASHWINI ✓	
IOT-32	315126512199	ADAVIPALLI SAI RAVI CHANDRA ✓	A. Ravi Chandra M. Jaya Lakshmi
	315126512200	MADISI JAYA LAXMI ✓	
	315126512201	CHINTADA VIKAS ✓	
IOT-33	315126512202	GORUPUTI YAMUNA ✓	G. Yamuna M. Karikunna Srinivas
	315126512203	MADIREDDY RAVI KUMAR ✓	
	315126512205	PUKKALLA DIWAKAR ✓	
IOT-34	315126512206	BOJANKI MOWNIKA ✓	B. Mounika D. Hemant K. Murali
	315126512207	DANDUPATI HEMANTH SAIVENKATESH ✓	
	315126512208	KOLA MURALI ✓	
IOT-35	315126512209	KODA HARSHITHA ✓	Chelsey Harshitha T. Rachana
	315126512212	BUDIDHA HARSHA NATARAJ ✓	
	315126514157	THUTA RACHANA ✓	
IOT-36	314126512180	PAPPALA BHAGYA LAKSHMI ✓	P. Bhagya K.P. Prasanna S.K. Jaseena
	314126512195	KOTIPALLI PADMA PRASANNA ✓	
	314126512197	SHAIK JAREENA ✓	
IOT-37	314126512166	YEPUGANTI SRI RAM KUMAR ✓	Y. Sri Ram Kumar V. Jayalakshmi P. Devi
	314126512184	VEMPADAPU JAYA LAKSHMI ✓	
	314126512193	PULAKALA DASU ✓	
IOT-38	315126512137	P. ROHIT ✓	Chusai Teja Rajani
	315126512187	C.VENKATA SAI TEJA ✓	
	315126512083	LANDA SAI CHANDANA RAJINI ✓	
IOT-39	315126512117	NUNNA.SANDEEP ✓	N. Sandeep M.V.K. Kalyan
	315126512093	MARADANA.VAMSI KRISHNA ✓	
	315126512090	MAGU VENKATA KRISHNA KALYAN ✓	

IOT-40 315126514161 VANGAPANDU PRADEEP ✓  
 315126514213 SINGAMEEDI VENKATA ✓ Su. Surya

IOT-15 315126512095 M. Manasaraja Manasaraja. M  
 315126512096 M. Padma Priya Padmapriya. M  
 315126512097 M. Vikash Vikash. M  
 Total: 64  
 P: 64  
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