

Sree Vahini Institute of Science and Technology: Tiruvuru

(Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada)

A Two -Day Work Shop Report

On

“INTERNET OF THINGS”

During

11th & 12th January -2017

Venue: Main Seminar Hall, SVIST

Organized By

**Department of Electrical and Electronics
and Engineering**

Workshop on "INTERNET OF THINGS" presented by BRIMM Techno Solutions. Hyderabad. Internet of Things is a new revolution of the Internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent. A device become a smart device is called IOT. Now a days there are many androids and server-based application. In this system, value of sensor (e.g., temperature sensor, motion sensor, accelerometer sensor etc.) will be shown on web server or android application through wireless communication and device will be controlled automatically.

WORKSHOP CONTENT

Topics:

Day-1 (9.30 AM to 1.00 PM)

1. How to build an IoT product
2. IoT architecture
3. Sensors & Interfacing
4. Applications of IoT in various business sectors
5. Introduction to Internet of Things (IoT)

Practical's (2.00 PM to 5.00 PM)

- a. Outdoor Temperature & Humidity Monitoring

Day-2 (9.30 AM to 1.00 PM)

1. Introduction to Internet of Things (IoT)
2. Applications of IoT in various business sectors
3. Software & Hardware platforms for IoT implementation
4. Introduction to Arduino Hardware & IDE

Practical's (2.00 PM to 5.00 PM)

- a. Motion Detection using PIR sensor

b.



Distance

Measurement using Ultrasonic Sensor



SREE VAHINI
INSTITUTE OF SCIENCE & TECHNOLOGY
Sai Vahini Nagar, NH-30, Tiruvuru-Krishna Dist. A.P

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During 11th- 12th January, 2017

[Registration form](#)

- Name : -----
- Designation : -----
- Organization : -----
- Address : -----
Phone:-----
Email :-----
- Registration Fee Details-----

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SREE VAHINI INSTITUTE OF SCIENCE & TECHNOLOGY ::TIRUVURU							
III B.Tech II sem: Attendance Sheet For A Two -Day Work Shop on "INTERNET OF THINGS"							
Department of Electrical & Electronics Engineering				Date: 11th& 12th January -2017			
S.NO	REGD. NO	NAME OF THE STUDENT	Student Signature	S.NO	REGD. NO.	NAME OF THE STUDENT	Student Signature
1	18MGLA0201	BOLLINENI SUDHARANI	<i>Sudharani</i>	31	18MGLA0231	MALANAGESH	<i>M. Nagesh</i>
2	18MGLA0202	DEVARAPALLI YAMINI	<i>D. Yamini</i>	32	18MGLA0232	MALAVATHI MOHAN DHARMA NAYAK	<i>M. Moha dharma</i>
3	18MGLA0203	GUDIVADA SPANDANA	<i>G. Spandana</i>	33	18MGLA0233	MEESALU SANTHOSH KUMAR	<i>M. Santhosh Kumar</i>
4	18MGLA0204	MADAKAM SAILAJA	<i>M. Sailaja</i>	34	18MGLA0234	MUDIGONDA SAIRAM	<i>M. Sai Ram</i>
5	18MGLA0205	MARAPAKALA V. SUVARNA DEEPIKA	<i>M. Suvarna</i>	35	18MGLA0235	NAREDLA VIJAYA KUMAR	<i>N. vijaya kumar</i>
6	18MGLA0206	NADAKUDI PRANETHA	<i>N. Pranetha</i>	36	18MGLA0236	NUPA VINOD	<i>N. Vinod</i>
7	18MGLA0207	PILLEM MAMATHA	<i>P. mamatha</i>	37	18MGLA0237	PANTHAGANI HARENDRA KALYAN	<i>P. Harendra kalyan</i>
8	18MGLA0208	PUDURU BHARATHI	<i>P. Bharathi</i>	38	18MGLA0239	RAMGALLA OBULESU	<i>R. obulesu</i>
9	18MGLA0209	SANGATI HEPSIBA	<i>S. hepsiba</i>	39	18MGLA0240	RAMPA ABHINASH	<i>R. ABHINASH</i>
10	18MGLA0210	TANAKKI CHINA VENKATESWARAMMA	<i>T. Venkateswaramma</i>	40	18MGLA0241	SUNNAPUNURU DINAKAR	<i>S. Dinakar</i>
11	18MGLA0211	THEMPALLI SRAVYA SRI	<i>T. sravya sri</i>	41	18MGLA0242	VONTIMITTA BALAJI	<i>V. Balaji</i>
12	18MGLA0212	VADAPALLI BALAMMA	<i>V. Balamma</i>	42	18MGLA0243	YESAMALA SHADRAK	<i>v. shadrak</i>
13	18MGLA0213	VANAPARLA RISHITHA	<i>V. Rishitha</i>	43	19MGS0201	MEENUGU SAI KRISHNA	<i>M. Sai Krishna</i>
14	18MGLA0214	AREPALLI MADHU	<i>A. Madhu</i>	44	19MGS0202	SHAIK BAJI	<i>SK. Baji</i>
15	18MGLA0215	BARIPOGU PEDDA MADDILETI	<i>B. P. maddileti</i>	45	19MGS0203	GANGADHARI RAMADEVI	<i>G. Ramadevi</i>
16	18MGLA0216	BEHARA VIDYASAGAR	<i>B. vidya sagar</i>	46	19MGS0204	MALLELA NEERAJA	<i>N. neeraja</i>
17	18MGLA0217	BHIMAVARAPU NAGA SESHU	<i>B. Nagafesha</i>	47	19MGS0205	MEDAVARAPU HARUKA	<i>M. Haruka</i>
18	18MGLA0218	BOLLEPOGU RAMESH	<i>B. Ramesh</i>	48	19MGS0206	MODUGU KALYANI	<i>M. Kalyani</i>
19	18MGLA0219	BUSEPOGU PAVAN KUMAR	<i>B. pavan kumar</i>	49	19MGS0207	MUCHINTALA ANAMBIKA	<i>M. Anambika</i>
20	18MGLA0220	DORA SURESH KUMAR	<i>D. Suresh Kumar</i>	50	19MGS0208	VELPULA SUPRIYA	<i>V. Supriya</i>
21	18MGLA0221	GANDRA ARAVIND KUMAR	<i>G. Aravind Kumar</i>	51	19MGS0210	PATHAN AMEER SOHEL	<i>P. A. sohel</i>
22	18MGLA0222	GORAM RAMESH	<i>G. Ramesh</i>				
23	18MGLA0223	JUGUNTLA GOVARDHAN	<i>J. Govardhan</i>				
24	18MGLA0224	KANDUKURI ABHISEKH	<i>K. Abhishek</i>				
25	18MGLA0225	KANGARI KRISHNA	<i>K. Krishna</i>				
26	18MGLA0226	KODURU ROHITH KUMAR	<i>R. Rohith Kumar</i>				
27	18MGLA0227	KOMMU GANESH	<i>K. Ganesh</i>				
28	18MGLA0228	KOTLA ANAND REDDY	<i>A. Anand</i>				
29	18MGLA0229	KUNJA LENIN	<i>K. Lenin</i>				
30	18MGLA0230	MADHU VENKATA SIVA KRISHNA	<i>M. Venkatasiva Krishna</i>				



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2	17MGLA0202	BOGGULA ARUNAKUMARI	<i>Aruna kumar</i>	32	18MGS0202	T CHENNAKESAVA RAO	<i>T. Chennakesava</i>
3	17MGLA0204	BOODANI SAMBHAVIPRASANTHI	<i>S. Sambhavi</i>	33	18MGS0203	E SRIHARI	<i>E. Srihari</i>
4	17MGLA0205	KACHELA PAVITHRA	<i>P. Pavithra</i>	34	18MGS0204	G VAMSI	<i>G. Vamsi</i>
5	17MGLA0206	KALUM DURGA BHAVANI	<i>K. Bhavani</i>	35	18MGS0205	J NAGARAJU	<i>J. Nagaraju</i>
6	17MGLA0207	KARATAM VENKATA LAKSHMI	<i>K. Venkata Lakshmi</i>	36	18MGS0206	K SATISH	<i>K. Satish</i>
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8	17MGLA0209	KOLLI INDU	<i>K. Indu</i>	38	18MGS0208	M SIVA KISHORE	<i>M. Siva Kishore</i>
9	17MGLA0211	KORSAM PUJA	<i>K. Puja</i>	39	18MGS0209	M RAM GANESH SAI	<i>M. Ram Ganesh Sai</i>
10	17MGLA0212	MALLU KAVYASREE	<i>Kavya Sree</i>	40	18MGS0210	M VENKATESH	<i>M. Venkatesh</i>
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12	17MGLA0214	NAKKA PRIYANKA	<i>P. Priyanka</i>	42	18MGS0212	Sd ANWAR BASHA	<i>Sd. Anwar Basha</i>
13	17MGLA0215	NANDIPATI SINDHUJA	<i>N. Sindhuja</i>	43	18MGS0213	SK IMRAN	<i>SK. Imran</i>
14	17MGLA0216	TATI MAHIMA JYOTHI	<i>T. Mahima</i>	44	18MGS0214	S PAVAN	<i>S. Pavan</i>
15	17MGLA0217	VIJAY SWARAJYAM	<i>V. Swarajyam</i>	45	18MGS0215	V ASHOK	<i>V. Ashok</i>
16	17MGLA0218	AVULURI VIJAY	<i>V. Vijay</i>	46	18MGS0216	V NAVEEN	<i>V. Naveen</i>
17	17MGLA0219	BOTTA SAKRISHNA	<i>B. Sakrishna</i>	47	18MGS0217	CH LAKSHMI THIRUPATHAMMA	<i>Ch. Lakshmi Thirupathamma</i>
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27	17MGLA0229	MODUGU AKASH	<i>M. Akash</i>				
28	17MGLA0230	MODUGU RAVI TEJA	<i>R. Teja</i>				
29	17MGLA0231	PENUBALLI BHASKAR	<i>P. Bhaskar</i>				
30	17MGLA0232	PILLAI ANIL KUMAR	<i>P. Anil Kumar</i>				



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