

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DATE: 25/04/2016

CIRCULAR

All the students of EEE department are impressed to express their interest by enrolling their names for the “INTERNET OF THINGS (IoT)” starting from 20.06.2016 to 02.07.2016.

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 students enrolled within two days to the undersigned. For further information, you can contact the course coordinator or the Head of the Department.



HOD EEE

Copy to

Respected Principal and Vice Principal (for information)

Class in charges (for action)

Notice Board(for display)

SYLLABUS FOR INTERNET ON THINGS:

SNO.	TOPIC COVERED	DURATION(in hours)
1	Introduction to IOT	3
2	Sensing, Actuation	3
3	Basics of Networking	3
4	Communication Protocols	3
5	Sensor Networks	3
6	Machine-to-Machine Communications	3
7	Interoperability in IoT	3
8	Introduction to Arduino Programming	3
9	Integration of Sensors and Actuators with Arduino	3
10	Introduction to Raspberry Pi	3
11	Implementation of IoT with Raspberry Pi	3



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INTERNET OF THINGS

QUESTION PAPER

Duration: 120 min

4 x5=20 marks

Answer the following all questions. Each question carries 5 marks

1. Explain internet protocol version 4?
2. Explain characteristics requirement of wireless sensor Network?
3. Explain sensor node Hardware components?
4. Explain in detail about Raspberry Pi?


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LIST OF STUDENTS REGISTERED FOR IOT

2016-17

S.NO	ROLL NO.	NAME OF THE STUDENT	MARKS	P/F
1	13831A0201	A SAI KIRAN	19	p
2	13831A0202	A YAMINI	16	p
3	13831A0203	AKKALA GOUTHAM VARMA	15	p
4	13831A0204	ANAPURAM VAMSHI	10	p
5	13831A0205	BANNAN DEEPAK	12	p
6	13831A0206	BATHULA SUBRAHMANYAM	6	f
7	13831A0207	BODDUPALLI MURALI KRISHNA	15	p
8	13831A0208	CHERUPALLY V ROHAN SAI BHARGAV	14	p
9	13831A0209	CHILUKURI SURYA PRATHAP REDDY	19	p
10	13831A0210	DEGA ABHISHEK	20	p
11	13831A0211	DENAKANNI PRASANA LAKSHMI	19	p
12	13831A0212	DESHABOINA VENKATANARAYANA	16	p
13	13831A0213	GADAPA LAVANYA	15	p
14	13831A0214	GADDAM NARENDER REDDY	18	p
15	13831A0215	GANGA DEVI KIRAN	13	p
16	13831A0216	GUGULOTH NARENDER	7	f
17	13831A0217	HEMAVAR HANUMANTH	13	p
18	13831A0218	ISLAVATH CHANIKYA	20	p
19	13831A0219	JADA MOUNIKA	15	p
20	13831A0220	JAKULA SAI PRAKASH	12	p
21	13831A0222	KALLURI MANASA	18	p
22	13831A0223	KANDAGATLA SHIVAJI	17	p
23	13831A0224	KANDUKURI ARUN KUMAR	16	p
24	13831A0225	KANIGIRI BALA VENKATA RAVITEJA	16	p
25	13831A0226	KANTEM TEJASWINI	16	p
26	13831A0227	KATUKURI NAVEEN	18	p
27	13831A0228	KUNDURU SWETHA	18	p
28	13831A0229	KUNUKU SINDHUJA	19	p
29	13831A0230	M USHASREE	9	p
30	13831A0231	MD MUBASHIR HUSSAIN	12	p
31	13831A0232	MOHAMMED MUZAFFORUDDIN	10	p
32	13831A0233	MUDEM GOPAL REDDY	11	p
33	13831A0234	MUKKAMULA RAMBABU	14	p

S.NO	ROLL NO.	NAME OF THE STUDENT	MARKS	P/F
34	13831A0235	MUNDLA NISHANTH SAI	15	p
35	13831A0236	NAIDI SAIKRISHNA	16	p
36	13831A0237	NANDYALA KARHIK REDDY	11	p
37	13831A0238	PAPPULA MANOJ KUMAR	12	p
38	13831A0239	PAYYAMPALLY AKHILA SABU	15	p
39	13831A0240	PERUMALLA BALAKRISHNA	18	p
40	13831A0241	PORANDLA RAJESH	19	p
41	13831A0242	PUBBA ABHIJEET	19	p
42	13831A0243	PULIKANTI MAHARSHI	19	p
43	13831A0245	SAINDLA MAHESH	19	p
44	13831A0246	SANTOSH KARTHIK	18	p
45	13831A0247	SHAIK BISMILLA	15	p
46	13831A0248	SINGIREDDY HARSHAVARDHAN REDDY	16	p
47	13831A0249	SRIRAMA CHANDRAKANTH	12	p



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SUMMARY REPORT OF INTERNET OF THINGS(IoT)

GNIT is conducting certificate course on Internet of Things from 20/06/2016 to 02/07/2016. IoT (Internet of Things) is an advanced automation and analytics system which exploits networking, sensing, big data, and artificial intelligence technology to deliver complete systems for a product or service. These systems allow greater transparency, control, and performance when applied to any industry or system.

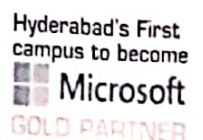
IOT training main aim is to train all students from the Basic Level of Training where all the basic concepts are learned by students to make students thorough with all the Basics to the advanced level. All these training is undergone not only theoretically but also are executed on the real-time basis.

In this internet of things training course, students will learn IOT introduction, building your own IOT devices, sensors, IOT communication, and security. This IOT training will help you be a part of the IOT revolution underway around the globe.

This training is useful to students for the following different aspects.

- Higher education
- Project work
- To get jobs in Industries


HOD-EEE





IMPARTA
Training Academy

Certificate of Course Completion

This certificate is presented to S. MAHESH
of GNIT, who has successfully completed technical training course
on *INTERNET OF THINGS(IoT)* held from 20/06/2016 to
02/07/2016 and found the student performance to be excellent.

ILYAS ALI

CEO of imparta training academy



IMPARTA
Training Academy

Certificate of Course Completion

This certificate is presented to A. SAI KIRAN
of GNIT, who has successfully completed technical training course
on **INTERNET OF THINGS(IoT)** held from 20/06/2016 to
02/07/2016 and found the student performance to be excellent.

ILYAS ALI

CEO of imparta training academy