



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
((approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada)
NAAC Accredited Institute

An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Certified Institute

NH-5, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

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Anakapalle,
Dt: 29-01-2018

From,
Mr.B.N.Srinivas Rao
HOD - ECE,
Dadi Institute of Engineering & Technology.

(Through Proper Channel)

To,

The Principal,
Dadi Institute of Engineering & Technology.

Sub: Permission for Conduction of on three day workshop on **Embedded Systems & IoT**
(Internet of Things) for Final Year ECE students from 5th -7th February 2018- Reg

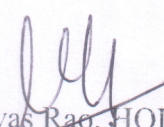
Sir,

With due respect, hereby stating that, I, on behalf of ECE Department, request you to give us approval to conduct a Three day Workshop on **Embedded Systems & IoT in association with Andhra Skill Development and Corporation** for our final year ECE students from February 5th to 7th 2018. Shri M.Uma Maheshwara Rao is chosen as resource person to deliver the lecture. Arrangements are done without disturbing the regular classwork schedule.

We, therefore, hope that you would be kind enough to permit us to conduct the workshop. Kindly grant us the permission. Waiting anxiously for your reply.

Thanking you Sir,

Yours Sincerely,


Mr.B.N.Srinivas Rao, HOD-ECE, DIET
Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech.
Anakapalle 531 002


PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002



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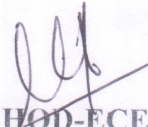
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03/02/2018

This is to inform all the Students, Teaching & Technical Staff of Dadi Institute of Engineering and Technology that the Department of ECE is Conducting a Three Day Workshop on **Embedded Systems & IoT in association with Andhra Skill Development and Corporation** in the Institute from 5th to 7th February 2018. Students, Teaching & Technical staff are requested to attend the workshop .

Date & Time: 3rd to 7th February

Venue: Lab -1


HOD-ECE
Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech
Anakapalle 531 002



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Andhra Pradesh State Skill Development Corporation

(Department of Skill Development, Entrepreneurship & Innovation, Govt. of Andhra Pradesh)



Embedded Systems & IoT Workshop
(5th - 7th Feb 2018)

Organized by

Department of Electronics & Communication Engineering
In Association with Andhra Pradesh State Skill Development Corporation

Report on the Three Day Embedded Systems & IoT Workshop

About Workshop:

Dadi Institute of Engineering & Technology
Approved by AICTE & Affiliated to JNTUK
NAAC Accredited Institute & Inclusion u/s 2(f) & 12(B) of the UGC Act
Visakhapatnam-531002, Andhra Pradesh, diet.edu.in

**A THREE DAY WORKSHOP ON
EMBEDDED SYSTEMS & IOT**

**in association with
APSSDC**

Date : 5/2/2018 to 7/2/2018
Time : 9-4pm

Resource Person
Sri . Uma Maheshwara Rao & Sri. D. Kalyan Kumar

Mr.B N Srinivas Rao
HODECE

Dr. Ch.Prabhakar Rao
Principal

Sri Dadi Ratnakar
Chairman, DIET

Fig.1 Poster for Three Day Workshop on Embedded Systems & IoT in association with APSSDC

In its pursuit of excellence in technical education Dadi Institute of Engineering & Technology, Visakhapatnam in association with Andhra Pradesh State Skill Development Corporation organized a three day Workshop for the Final Year BTech ECE Students of Department of Electronics & Communication Engineering on **Embedded Systems & IoT** (Internet of Things) during **5th - 7th Feb 2018**. The Workshop aims to enhance and strengthen the skills among the students in the Embedded System IOT. So we would like to give basic knowledge on Arduino Processors with Hardware Equipment. As we all know that IOT is the latest technology which is in full demand and there is a lot of study work and project work going on with this concept. Our students have a good scope of developing in such a field. Our students were very much satisfied with the workshop such as Embedded System IOT.

Andhra Pradesh State Skill Development Corporation:

Andhra Pradesh State Soft Skills Development provides specialized training to the Students of Polytechnic, Engineering colleges etc., in various Disciplines in different courses by conducting three day Workshop.

Course Content:

Day Wise schedule	Course content
Day-1	Introduction of Embedded IOT Systems, Basic structure of Embedded Systems, specifications of ARDUINO Processor & Pin diagram of ARDUINO Processor.
Day-2	By using ARDUINO Software developing the following modules 1. LED blinking with push pull button 2. Displaying input on serial monitor 3. Blinking of LED when inserting character/string 4. LDR automatic on/off 5. IR sensor object detection 6. LED glowing using IR & LDR.
Day-3	1.LCD display interface 2.servo motor 3. RGB LED glowing 4. Ultrasonic distance calculation 5. Online exam on IOT 6. Taken feedback from students

Inauguration:

The inauguration of the Workshop was Scheduled on 5th Feb at 9.30 AM in Seminar Hall-1 (AC), DIET Campus..with lighting of the lamp. The dignitaries of the Inaugural Function included Prof. Dr. Ch. Prabhakara Rao, I/C Principal, Prof. Dr. E.S. Eswara Rao, Vice Principal, Sri B.N. Srinivasa Rao, HoD, ECE, Resource Persons from APSSDC - Sri Uma Maheshwara Rao & Sri D. Kalyan Kumar & Sri D. Kalyan Kumar, Staff and Students .



Fig. 2 Resource person Shri M.Uma Maheshwara Rao, Inaugurating the three day IOT workshop by Lighting the Lamp.



Fig. 3 In-charge Principal Prof. Dr. C.H. Prabhakar Rao addressing the gathering at the Inauguration.

Embedded Systems & IoT Workshop Valedictory - 7th Feb 2018

Sri M. Srinivasa Rao, I.R.S., Commissioner, Income Tax Department, is the Chief Guest, Sri Dadi Veerabhadra Rao, Hon'ble Chairman, is the Special Guest, for the Valedictory Function. Sri Dadi Ratnakar, Correspondent, Prof. Dr. Ch. Prabhakara Rao, I/C Principal, Prof. Dr. E.S. Eswara Rao, Vice Principal, Sri B.N. Srinivasa Rao, HoD, ECE, Resource Persons from APSSDC - Sri Uma Maheshwara Rao & Sri D. Kalyan Kumar, Staff and Students participated in the Valedictory Event conducted on 7th Feb 2018 at 3:00 PM in Seminar Hall-1 (AC), DIET Campus.



Fig. 3 Chief Guest, Sri M. Srinivasa Rao, I.R.S., Commissioner, Income Tax Department



Fig. 4 Hon'ble Secretary & Correspondent Sri Dadi Ratnakar garu giving the token of remembrance to the Chief Guest, Sri M. Srinivasa Rao, I.R.S., Commissioner, Income Tax Department.



Fig. 5 Chief Guest, Sri M. Srinivasa Rao, I.R.S interacting with students

List of participants

S.NO	HT NO	NAME
1	15U41A0402	A.KALYAN SAI NARYANA
2	15U41A0403	ALLA LOCHAN NARAYANA
3	15U41A0404	BANDARU LAXMIDEVI
4	15U41A0405	CHELLARAPU MALATHI
5	15U41A0406	CHITTILLA V S SOWMYA
6	15U41A0407	DHARMIREDDY ROHINI
7	15U41A0408	DODDI SUGUNA
8	15U41A0410	GONITHA JAGADEESH
9	15U41A0411	GORANTLA VAISHNAVI
10	15U41A0412	KADIMI KIRANMAYI
11	15U41A0413	KANDUBUKTHA KRISHNA VENI
12	15U41A0414	KANNURU REVATHI
13	15U41A0415	KANUMURI SOWMYA
14	15U41A0416	KARRI RENUKA

15	15U41A0417	K VENKATA LAKSHMI DEVI
16	15U41A0418	KODUKULA VENKATA SAI RAVI TEJA
17	15U41A0419	KORIBILLI BHARGAVI
18	15U41A0420	KOTHA PRUDHVI RAJ
19	15U41A0422	KURAPATI PREM KUMAR
20	15U41A0423	MADETI LATA SRI
21	15U41A0424	MALASALA GOWTHAMI
22	15U41A0425	MALLA JYQTHI
23	15U41A0426	MALLA PRAVALLIKA
24	15U41A0427	MAMIDI KASIVISWANADHAM
25	15U41A0428	MARLAPUDI MOSES LIVINGSTON
26	15U41A0429	MATHA BHARATHI
27	15U41A0430	MOKA SAICHARAN
28	15U41A0431	M SHYAMALA NOOKESHWARI
29	15U41A0432	P SANTOSH KUMAR
30	15U41A0433	P SUSHMITA
31	15U41A0435	PENUPOTHULA SNEHA
32	15U41A0438	POTHU TARUN KUMAR
33	15U41A0439	RUTTHALA YASODHA VANAJA
34	15U41A0440	SALAPU PRIYANKA
35	15U41A0441	SANKARLA SAI DEEPU
36	15U41A0442	SEEMANAPALLI VARAHALU
37	15U41A0443	SREERAM MARTEENA KEZIA
38	15U41A0444	VADAMODALU SHIVA KUMAR
39	15U41A0445	VEGI JAYA CHANDRIKA
40	15U41A0447	VIYYAPU GOVINDARAJU
41	15U41A0448	YENNETI SRILATHA
42	15U41A0449	YERAMSETTI HEPSIBA
43	15U41A0450	S SURYA VENKATA CHIRANJEEVI
44	15U41A0451	GALLA SRI RAMYA

45	15U41A0452	BHUPINDER KOUR
46	16U45A0401	AATHAVA DURGA PRASAD
47	16U45A0402	ALLU SWATHI
48	16U45A0403	BARATAM RAMU
49	16U45A0404	CHAVALLA JHANSI
50	16U45A0405	DODDI HEMALATHA
51	16U45A0406	DODDI NVS NOOKA RAJU
52	16U45A0407	GANDEPALLI VANI
53	16U45A0408	JERRIPOTHULA NARSINGARAO
54	16U45A0409	JERRIPOTHULA SUNITHA
55	16U45A0410	KAKKALAVA SIVA
56	16U45A0411	K. LOKESH
57	16U45A0412	KINTADA LOVA GANGAMANI
58	16U45A0413	KOLIDCHINA BHARGAVI
59	16U45A0414	KONATHALA SOWMYA
60	16U45A0415	KORASALA RAAGADEEPIKA
61	16U45A0416	LANKA SAI KUMAR
62	16U45A0417	MALLA HARISH
63	16U45A0418	NAKKA TVS NARAYANA
64	16U45A0419	PALLELA PARAMESWARA RAO
65	16U45A0420	PANGA SRAVANI
66	16U45A0421	PEELA HARI KSND SANTOSH
67	16U45A0422	PENTAKOTA VISWA TEJA
68	16U45A0423	POLIMERA JAYASREE
69	16U45A0424	RAGETI JHANSI RANI
70	16U45A0425	MOLLI ANUSHA
71	16U45A0426	SANAPATI VASU DILIP
72	16U45A0428	VACHALAPU VASUDEV
73	16U45A0429	YAJJALA ANUSHA
74	16U45A0430	BOTLA DEEPIKA
75	16U45A0431	KARAMPUDI SHANMUKH SAI
76	16U45A0432	KANDREGULA RAJASEKHAR
77	16U45A0433	KORUKONDA. D.NAGAMANI
78	16U45A0434	DULLA ARUNA
79	16U45A0435	BESETTI JYOTHSNA
80	16U45A0436	MALLA KARUNA LAVANYA
81	16U45A0438	KARRI SHYAM GANESH

Feedback Forms:

Feedback Questions	Strongly Agree	Agree	Disagree
1.The content met my expectations			
2.Time was adequate to cover the topic			
3.Reource person answered your queries			
4.Session was organized well			

Certificates Distribution to the participants



Fig. 6 Students receiving certificates after successful completion of workshop



Fig. 7 Students receiving certificates after successful completion of workshop

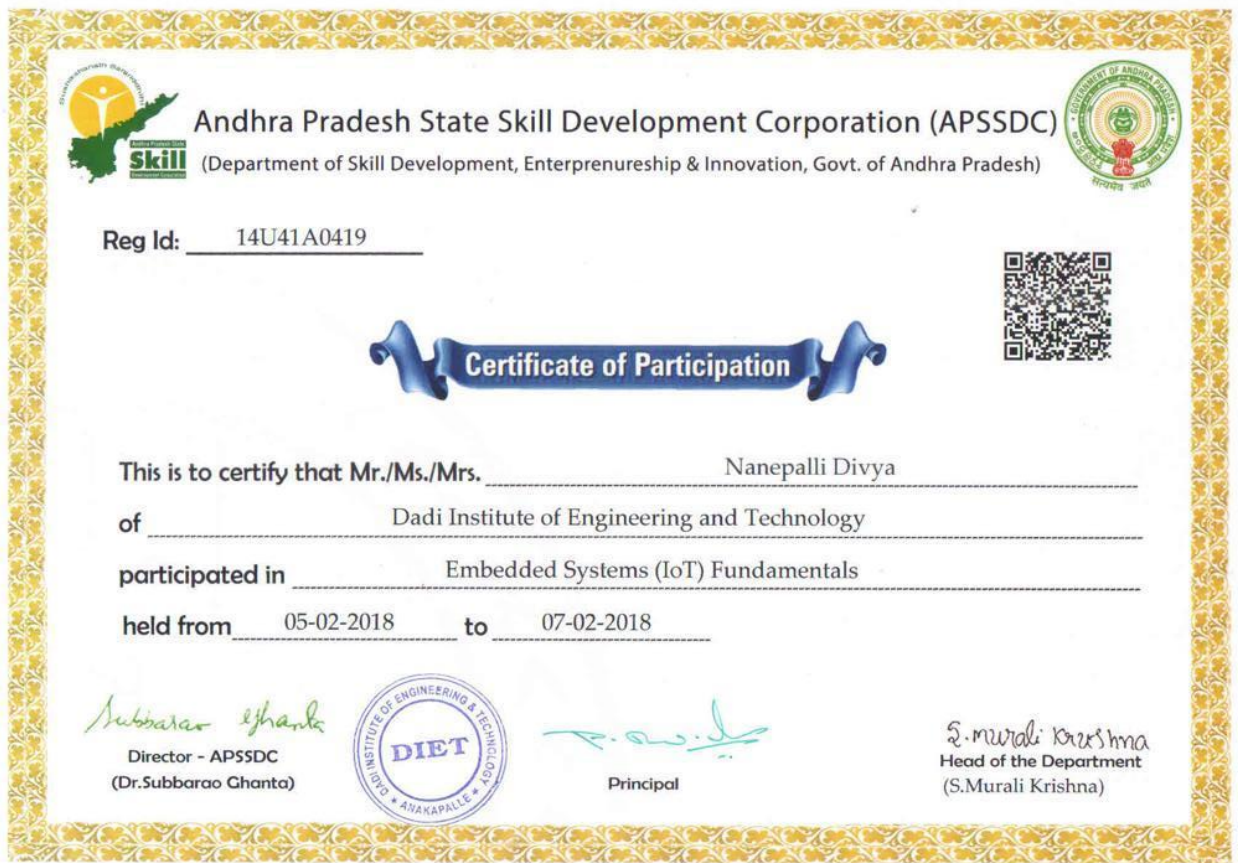


Fig. 8 Sample Certificate