



**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS)**

Affiliated to JNTUA, Anantapur & Approved by AICTE, New Delhi
Recognised Research Center
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World Bank funded Institute
Recognised by UGC under the sections 2(f) and 12(B) of the UGC act 1956
Recognised as Scientific & Industrial Research Organization by DSIR of DST

Circular Dated: 26-03-2017

All the students of B. Tech - CSE Branch are here by informed that the department is conducting a career guidance program on “Building a Career in Embedded Systems Domain” on 28th March 2017.


PRINCIPAL
Madanapalle Institute of Technology & Science
Pudumuru Road, Kotha Red J, Angaluru
MADANAPALLE-517 325, A.P

- Copy to: 1. All the B-Tech CSE Class rooms.
2. Circular to Notice Board

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
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Report on
Guest Lecture on Building a Career in Embedded Systems Domain
Organized by Dept. of ECE - MITS
Under TEQIP II
28 March 2017



Report Submitted by: Mr J T Pramod, Asst Professor, Dept of Electronics & Communication Engineering, MITS

No. of Students participated-122

Resource Person: Mr Chetan R P, Director-ERT Tech. Services, Bangalore.

The session started at 10:20AM.

The guest lecture by the resource person was about the importance of embedded systems in the present-day world and the job opportunities for the people who have skill in embedded systems. The discussion started with introduction to embedded systems and the applications of embedded systems in the present scenario like in laptops, mobile phones, projectors etc. He also explained the importance of microcontrollers in embedded systems and the advantage of using microcontrollers in embedded systems. He also gave details about the problems faced while using the different sensors in the embedded systems. For example, the environmental changes (lightning, radiations, etc.) may affect the functioning of the sensors and they may not work properly which spoils the entire usage of the device.

Brief information on 8051, PIC, ARM7 and Cortex-M microcontrollers was given. The importance of 8051 microcontrollers and its wide usage in many industrial applications because of its simple architecture and ease of operation was discussed. The other powerful microcontrollers like PIC, ARM 7(32-bit), Cortex-m and how they are currently replacing the 8051 microcontrollers was explained. The kind of projects which can be done using these microcontrollers like digital clock, IC tester was explained. There was a brief talk on the software like EAGLE, AUTODESK, KEIL, etc. There was a brief discussion about the protocols used by different companies like protocol used by Philips in TVs etc., and CAN protocol used by BOSCH.

He concluded the lecture at 11:30 AM by giving a key note on the type of job opportunities for the people with skills in microcontroller design and firmware programmers in the present-day world and the kind of projects to choose to get a job opportunity in the core companies.



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P.B. No:14, Angallu (Village), MADANAPALLE - 517 325. (A.P)

Website: www.mits.ac.in

Department of Electronics and Communication Engineering

Subject: Guest Lecture on "Building a Career in Embedded Systems Domain"

Resource Person : Mr Chetan R P, Director-ERT Tech. Services, Bangalore

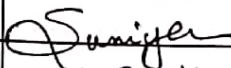
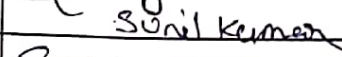
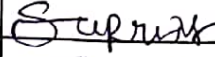
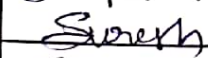
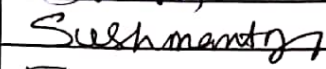
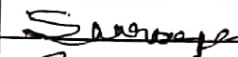
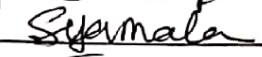
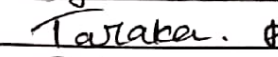
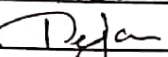
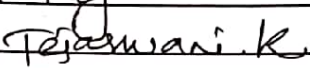
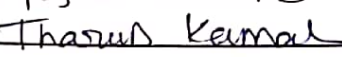
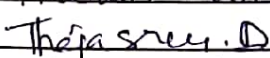
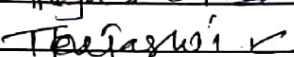
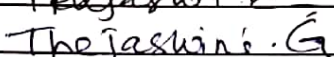
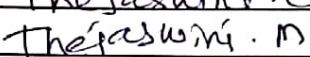
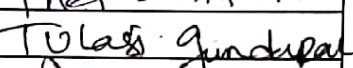
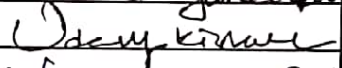
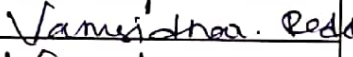
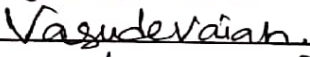
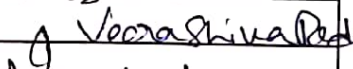
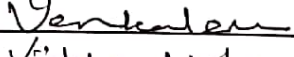
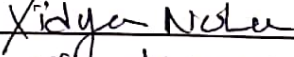

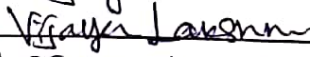
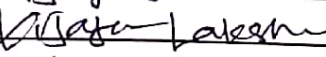
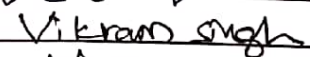
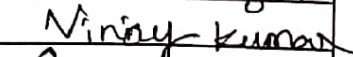
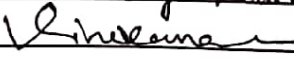
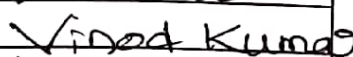
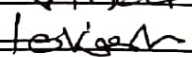
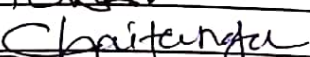
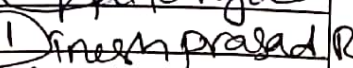
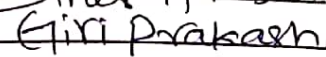
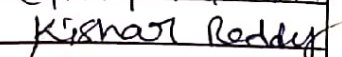
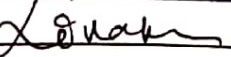
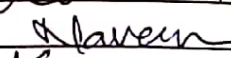
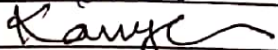
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Venue: Seminar Hall

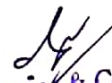
LIST OF ATTENDEES

S. No	Name	Designation/Roll No.	Signature
1	SHIREESHA K	13691A04H4	K. Shireesha
2	SHIREESHA. P	13691A04H5	P. Shireesha
3	SHUJAATH SALMA. S	13691A04H6	S. Sujatha
4	SHUNEZA ARJUMAN DESHMUQ	13691A04H7	Shunza Arjuman
5	SILPA R	13691A04H8	Silpa R
6	SIMRAN TAJ. P	13691A04H9	Simran Taj
7	SINDHUJA. B	13691A04I0	Sindhujha B
8	SIVA KUMAR R	13691A04I1	Sivakumar
9	SIVARAMAKRISHNA REDDY . D	13691A04I2	D. Reddy
10	SOMA SEKAR G	13691A04I3	Soma Sekhar
11	SOUNDARYA. S	13691A04I4	Soundarya S
12	SRAVANI. N	13691A04I5	N. Sravani
13	SRAVANI. P	13691A04I6	Sravani P.
14	SREEHARSHA. T	13691A04I8	Sreeharsha
15	SREEKANTH MEHER. M	13691A04I9	Meher. M
16	SREEKANTH REDDY. P	13691A04J0	Reddy P.
17	SREEKANTH. Y	13691A04J2	Sreekanth Y
18	SREELATHA. K	13691A04J3	K. Sreelatha
19	SREELATHA. T	13691A04J4	Latha
20	SREELEKHA. N	13691A04J5	Lekha
21	SREENIVASA TEJA. D	13691A04J6	Teja. D
22	SREENIVASULU K	13691A04J7	Sreenivasulu K
23	SRINIVASULU. P	13691A04J8	Srinivasulu P
24	SRUTHI. C	13691A04J9	Ruthi
25	SUDHAKAR NAIDU. T	13691A04K0	Sudhakar Naidu
26	SUMANTH D	13691A04K2	Sumanth D
27	SUMASREE M. S	13691A04K3	Sumasree M.S


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29	SUNIL KUMAR. L	13691A04K5	
30	SUPRIYA. M	13691A04K6	
31	SURESH P	13691A04K7	
32	SUSHMITHA CUDDAPAH	13691A04K8	
33	SWAROOPA. V	13691A04K9	
34	SYAMALA. A	13691A04L0	
35	TARAKARAMA P	13691A04L2	
36	TEJA. S	13691A04L3	
37	TEJASWINI. K	13691A04L4	
38	THARUN KUMAR SANGARAJU	13691A04L5	
39	THEJASREE BASAVADEVA. D	13691A04L6	
40	THEJASWI. C	13691A04L7	
41	THEJASWINI. G	13691A04L8	
42	THEJASWINI. M	13691A04L9	
43	TULASI GUNDUPALLI	13691A04M0	
44	UDAY KISHORE REDDY YERVA	13691A04M1	
45	VAMSIDHAR REDDY. O	13691A04M2	
46	VASUDEVAIAH MANDURU	13691A04M4	
47	VEERA SHIVA REDDY MALLAVAR	13691A04M5	
48	VENKATESH. K	13691A04M6	
49	VIDYA NULU	13691A04M7	
50	VIJAY KUMAR. M . D	13691A04M8	
51	VIJAYA LAKSHMI. G	13691A04M9	
52	VIJAYA LAKSHMI. N	13691A04N0	
53	CHAMPALAL VIKRAM SINGH	13691A04N1	
54	VINAY KUMAR REDDY. M	13691A04N2	
55	VINAY KUMAR. M V	13691A04N3	
56	VINOD KUMAR. K	13691A04N4	
57	LOKESH D	13691A04N5	
58	CHAITANYA P	14695A0401	
59	DINESH PRASAD REDDY N	14695A0402	
60	GIRI PRAKASH.B	14695A0403	
61	KISHORE REDDY P	14695A0404	
62	LIKITHA P	14695A0405	
63	NAVEEN S	14695A0406	
64	SAI KAVYA. K	14695A0408	

S. No	Name	Designation/Roll No.	Signature
65	SIVA KUMAR REDDY Y	14695A0409	Siva kumar
66	SURENDRA REDDY V	14695A0410	Surendra Reddy
67	UDAY HAREESH M	14695A0411	Uday hareesh
68	VASEEN ALTHAR VASEEN ALTHA	14695A0412	Vaseen altha
69	APARNA K	14695A0413	Aparna
70	DEEPTHI. Y	14695A0414	Deepthi. Y.
71	MALLESHWARI. E	14695A0415	Malleshwari - E
72	MOHAN RANGAIAH . K	14695A0416	Mohan Rangaiiah
73	PAVAN KUMAR U	14695A0417	Pavan Kumar
74	PRAVEEN GOWTHAM C	14695A0418	Praveen Gowtham
75	SAI KISHORE K	14695A0419	Saishore
76	SARANYA P	14695A0420	Saranya
77	SATHEESH T	14695A0421	Satheesh
78	SIVA. G	14695A0422	Siva
79	BHARGAVI. M	14695A0423	Bhargavi
80	VISHNU VARDHAN B	14695A0424	Vishnu Vardhan
81	BALAJI T	14695A0425	Balaji T
82	DAMODHAR K	14695A0426	Damodhar. K
83	DILLEEP NAIDU P	14695A0427	Dileep Naidu
84	HARSHA VARDHAN REDDY M	14695A0428	Harsha Vardhan Reddy
85	LALITHESH C	14695A0429	Lalithesh. C
86	MADHU MOHAN. D	14695A0430	Madhu Mohan
87	MANOJ KUMAR S	14695A0431	S. Manoj kumar
88	SAI RAM T	14695A0432	Sai Ram. T
89	SIVA P	14695A0433	Siva
90	SRAVAN KUMAR M	14695A0434	Sravan Kumar
91	SUBASH CHANDRA BOSE REDDY	14695A0435	Subhash Chandra Bose
92	SUNANDA K	14695A0436	Sunanda K
93	CHANDRA M	14695A0437	Chandra. M.
94	RAMIREDDY B	14695A0438	Rami reddy. B
95	CHINNA K	14695A0439	Kichinna
96	VINOD A	14695A0440	Vinod A
97	MAHESH G	14695A0442	Mahesh. G.
98	ANIL KUMAR	14695A0443	Anil. Kumar.
99	SHAIK FAYAZ	14695A0444	Shaik. Fayaz
100	JAGADEESHWARA C	14695A0445	Jagadeeshwara
101	REVATHI K	14695A0447	Revathi. K


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102	SRAVANI K	14695A0448	Sravani
103	HARISH KUIMAR P	14695A0449	Harish Kumar
104	SUPRIYA K	14695A0450	Supriya
105	ABDULLA. R	12691A0402	Abdulla
106	ABHINAV. A	12691A0403	Abhinav
107	KISHORE BABU. M	12691A0460	Kishore Babu
108	MADHURI. B	12691A0463	Madhuri
109	VAHID. S	12691A04E9	Vahid. S
110	VIVEK. N	12691A04G2	Vivek. N
111	ALMAS. P	13695A0401	Almas P.
112	MANOJ KUMAR P	13695A0415	Manoj Kumar
113	REDDY PRASAD M	13695A0423	Reddy Prasad
114	HARI PRASAD K	13691A0448	K. Hari P.
115	HARIKA B	13691A0451	Harika
116	HARIKA. Y	13691A0452	Harika. B
117	HARISH K	13691A0453	Harish. K
118	HARISH P	13691A0454	Harish P
119	HARISH. PALLA	13691A0455	Harish. Pallu
120	HARSHA VARDHAN. K	13691A0456	Harsha. K
121	HARSHA. VARADHA	13691A0457	Harsha Vardha
122	HEMA LATHA. C	13691A0458	Hema P.


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