



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

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Recognised Research Center  
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Recognised by UGC under the sections 2(f) and 12(B) of the UGC act 1956  
Recognised as Scientific & Industrial Research Organization by DBIR of DST

**Circular Dated: 20-02-2019**

All the students of III and IV- B.Tech are here by informed that a Guest Lecture on Opportunities in Machine Tool and Automation Engineering, IoT and Robotics is going to be conducted on 22.02.2019 with the motto of empowering students in artificial intelligence, IoT and automation in factory monitoring, machine control applications and robotics arm making applications.

  
PRINCIPAL  
Madanapalle Institute of Technology & Science  
Puduru Road, Madanapalle, Anantapur, Andhra Pradesh  
MADANAPALLE-517 325, A.P

Copy to: 1. All the III, IV- B.Tech Class rooms.

2. Circular to Notice Board

**Report on**  
**Guest Lecture on**  
**Opportunities in Machine Tool and Automation Engineering, IoT and Robotics**  
**22.02.2019**



***Submitted by:***

***Mr. Debashish Dash, Assistant Professor, Department of Electronics and Communication Engineering***

No. of Students participated-168

The Department of Electronics and Communication Engineering organized an Industrial Expert Talk on “Opportunities in Machine Tool and Automation Engineering, IoT and Robotics” for B. Tech- III & IV Year II semester students on 22 February 2019 with the motto of empowering students in artificial intelligence, IoT and automation in factory monitoring, machine control applications and robotics arm making applications.

Factory Automation (FA) operation and control of machinery or processes by devices, such as robots that can make and execute decisions without human intervention. The principle feature of such devices is their use of self-correcting control systems that systems that employ feedback, i.e., they use part of their output to control their input. Once the automated processes set up, human participation in the manufacturing process involves little more than maintenance and repair of the equipment.

FA is applied to the manufacturer of foodstuffs, chemicals, pharmaceuticals, textiles, electronics, and many other goods, and is used in steel mills, automobile factories, printing plants, coal mines, packaging handling facilities, and other work places. Other applications is its use in the launching, aiming, and guidance of military rockets and other weapons. Automation has also been applied to information handling. So it is the solution of many engineering problems.

The Program started at 11:00 AM on 22 February 2019 with greetings and inviting the dignitaries:

**Dr. S. Rajasekaran**, Sr. Assistant Professor & Head, Dept. of ECE, MITS; **Dr. K.R. Kashwan**, Dean ECE/EEE, **Mr. H. S. Manjunath (India Head, FANUC India Limited)**, **Mr. K. P. Sandeep (Head, Andhra Region, FANUC India Limited)** were invited on to the dais by Mr. Debashish Dash, Assistant Professor, Department of ECE Engineering.

The **Guest-speaker** for the program was, **Mr. Manjunath Sharma H S. (India Head – FA Department)**. He is specialized in Control Systems, Drives and Robots. After the initial years at Kirloskar Electric – Mysore as part of team Developed AC Spindle drives, serving FANUC from past 22+years in all the relevant fields of complete Factory Automation – Both CNC, Robots & IIoT Solutions. Executed many projects on CNC, Robot Automation. Specialized in IoT Solutions of FANUC and executed many projects in this new field too. He has been recognized as the best performer twice at Japan. Currently, he has been heading Projects related to Machine Tools, Factory Automation and IIoT installations for almost all auto majors and their associates in India and Sri Lanka. Responsible for providing complete factory automation solutions. He has made Expertise presentations at several platforms on the above fields of learning.

**Mr. Manjunath** shared his life experiences as a control Engineer and encouraged students to explore their areas of interest and domains in factory automation, numerical control machine learning and artificial intelligence using IoT. He also explained the scope of robotics and automation, its current applicability in defense, medical and surveillance, automobile sectors. Students later interacted with him regarding projects, jobs, career opportunities in FANUC and other companies. Students thanked **Mr. H. S. Manjunath and K. P. Sandeep** for sharing knowledge and experience through this interacting session. The resource persons were honored by a token of respectable appreciation by **Dr. S. Rajasekaran and Dr. K. R. Kashwan** and all faculty members of the Department. The program was concluded by a vote of thanks from **Dr. Satrughan Kumar**.

**Press Release**



**IOT, Future of an Engineer**

On 22.02.2019 at MITS, there was an Industrial Expert Talk on “Opportunities in Machine Tool and Automation Engineering, IoT and Robotics” for B. Tech- III & IV Year II semester students on 22 February 2019 with the motto of empowering students in artificial intelligence, IoT and automation in factory monitoring, machine control applications and robotics arm making applications. The recourse person **Mr. Manjunath** shared his life experiences as a control Engineer and encouraged students to explore their areas of interest and domains in factory automation, numerical control machine learning and artificial intelligence using IoT. He also explained the scope of robotics and automation, its current applicability in defense, medical and surveillance, automobile sectors. Students later interacted with him regarding projects, jobs, career opportunities in FANUC and other 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 "Opportunities in Machine Tool and Automation Engineering, IoT and Robotics"

Resource Person :Mr. H. S. Manjunath (India Head, FANUC India Limited), Mr. K. P. Sandeep (Head, Andhra Region, FANUC India Limited)

Date: 22-02-2019, 11:00 AM onwards

Venue: Seminar Hall

LIST OF ATTENDEES

S. No	Name	Designation/Roll No.	Signature
1	ABDUL SUBHAN. S	15691A0401	
2	AFROZA BEGUM. S	15691A0402	
3	AFZAL ALI ZAHEER. P	15691A0403	
4	AHALYA. B	15691A0404	
5	AJAY. B	15691A0405	
6	AKHIL. C	15691A0406	
7	ANAND. M	15691A0407	
8	ANITHA. K	15691A0408	
9	ANJALI. K	15691A0409	
10	ARSHIYA. S	15691A0410	
11	ASHOK REDDY. E	15691A0411	
12	ASHRITHA. P	15691A0412	
13	ASMITHA. T	15691A0413	
14	AYESHA SALMA. L	15691A0414	
15	BALASAI REDDY. Y	15691A0417	
16	BHANU PRAKASH. M	15691A0418	
17	BHANU PRASAD. M	15691A0419	
18	BHARATH KUMAR REDDY. D	15691A0420	
19	BHARATH. S	15691A0421	
20	BHASKAR REDDY. K	15691A0422	
21	JAYASREE. D	15691A0461	
22	JHANSI. T	15691A0462	
23	JOHN NELSON ENOCK. G	15691A0463	
24	JYOTHSNA. K	15691A0464	
25	KARTHIK. B	15691A0465	
26	KAVYASREE. A	15691A0466	

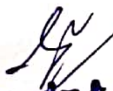
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S. No	Name	Designation/Roll No.	Signature
27	KEERTHANA. M	15691A0467	
28	KEERTHY. C	15691A0468	
29	KHADER BASHA. S	15691A0469	
30	KHAJARASOOL. A	15691A0470	
31	KIRAN KUMAR RAJU. S	15691A0471	
32	KIRAN SAI. K	15691A0472	
33	KIRAN. U	15691A0473	
34	KOWSHIL. K	15691A0474	
35	KRISHNA KANTH. M	15691A0475	
36	KUMAR. T	15691A0476	
37	LAKSHMI NIRANJAN SHARMA. J	15691A0478	
38	LAKSHMI SATHYA VARMA. B	15691A0479	
39	LATHASREE. B	15691A0480	
40	LAVANYA. K	15691A0481	
41	PAVAN KALYAN . G	15691A04C1	
42	PAVANI. L	15691A04C2	
43	PRAGNA. P	15691A04C3	
44	PRANAV KUMAR REDDY. N V	15691A04C4	
45	PRANUSHA. C	15691A04C5	
46	PRASANNA. K	15691A04C6	
47	PRASANTH KUMAR. D. S	15691A04C8	
48	PREMJOSHUA. T	15691A04C9	
49	PRIYANKA. A	15691A04D0	
50	PRIYANKA. Y	15691A04D1	
51	PRUDVIRAJU. Y	15691A04D2	
52	PUSHPALATHA. Y	15691A04D3	
53	RAGHAVENDRA VARAPRASAD. D	15691A04D4	
54	RAHUL CHARAN. B	15691A04D5	
55	RAJASEKHAR. S	15691A04D6	
56	RAJEEV. G	15691A04D7	
57	RAJESH. K	15691A04D8	
58	RAMPRASAD. C	15691A04D9	
59	RAMYA. G	15691A04E0	
60	RANGASAI. M	15691A04E1	
61	SIVA TEJA. K	15691A04I1	
62	SIVANJANEYULU. P	15691A04I2	


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S. No	Name	Designation/Roll No.	Signature
63	SIVAPRASAD. A	15691A04I3	AS
64	SIVARAM. K	15691A04I4	K.Sia
65	SNEHA REDDY. L	15691A04I5	Sneha
66	SOWMYA. M	15691A04I6	Sowmya
67	SOWMYASREE. S	15691A04I7	Sowmya
68	SRAVANI SUPRAJA. K	15691A04I8	Sravani
69	SREEDHAR REDDY. M	15691A04I9	Sreedhar
70	SREEKANTH. K	15691A04J0	Sreekanth
71	SRI DURGA. V	15691A04J1	Sridurga
72	SRIKANTH NAIDU. P	15691A04J2	Srikanth
73	SUBRAMANYAM. V	15691A04J3	Subramanyam
74	SUDHA RANI. M	15691A04J4	Sudha Rani
75	SUDHEER. S	15691A04J5	Sudheer S
76	SUNILKUMAR REDDY. G	15691A04J6	Sunil
77	SUNILKUMAR. V	15691A04J7	Sunil
78	SUPRIYA . M	15691A04J8	Supriya
79	SUSHMA POOJITHA. S	15691A04K0	S. Poojitha
80	SWETHA. A	15691A04K1	Swetha
81	AKHILA. A	15699A0402	Akhila
82	AMARSIMHA REDDY. O	15699A0403	Amarsimha
83	AMRUTHA. D	15699A0404	Amrutha
84	AMZAD. S M D	15699A0405	Amzad
85	ANJANEYA REDDY. K	15699A0406	Anjaneya
86	ANUDEEP BABU. B	15699A0407	Anudeep
87	ASWANI. M	15699A0408	Aswani
88	BHARATHKUMAR. S	15699A0409	Bharath
89	BHARGAV REDDY. S	15699A0410	Bhargav
90	BHAVANA. V	15699A0411	Bhavana
91	CHAITANYA. B	15699A0412	Chaitanya
92	CHALAPATHI. K	15699A0413	Chalapati
93	CHIDAMBARAIAH. C	15699A0414	Chidambaram
94	DEVIVARAPRASAD. M	15699A0415	Devivaraprasad
95	DILEEP KUMAR REDDY. M	15699A0416	Dileep
96	DILEEP. B	15699A0417	Dileep
97	DIVYA SREE. E	15699A0418	Divya
98	FUZAIL AHAMED. S	15699A0419	Fuzail

S. No	Name	Designation/Roll No.	Signature
99	GOPI KRISHNA. A	15699A0420	Gopi
100	GOWRI PRIYA. V	15699A0421	Gowri
101	MOHAN. G	16699A0482	Mohan
102	NAGA AJAY. R	16699A0483	Naga
103	NAGA TEJA. N	16699A0484	Naga Teja
104	NARESH KUMAR. A	16699A0485	Naresh
105	NITISH KRISHNA. D	16699A0486	Nitish
106	PREMANTH. M	16699A0487	Premanth
107	PURUSHOTHAM. P	16699A0488	Purushotham
108	RAJ KUMAR. C	16699A0489	Raj Kumar
109	RAKESH. M	16699A0490	Rakesh
110	RANA PRATHAP CHOWDARY. T	16699A0491	Rana Prathap
111	SAI CHARAN REDDY. C	16699A0492	Sai Charan
112	SAI KIRAN. R P	16699A0493	Sai Kiran
113	SIDHANTH MISRA. S	16699A0494	Sidhant
114	SIVASANDHYA. S	16699A0495	Siva
115	SOMASEKHAR. N	16699A0496	Soma Sekhar
116	SOWMYA. D	16699A0497	Sowmya
117	SRAVANA SANDHYA. Y	16699A0498	Sravana
118	SREEDHAR. S	16699A0499	Sreedhar
119	SRINIVASULU. G	16699A04A0	Srinivasulu
120	SUPRIYA. B	16699A04A1	Supriya
121	HARITHA. C	16691A0437	Harshitha
122	HARSHA SREE. K G	16691A0438	Harsha
123	HARSHA VARDHAN. C	16691A0439	Harsha
124	HARSHAVARDHAN REDDY. N	16691A0440	Harsha
125	HARSHITH. S	16691A0441	Harshitha
126	HEMANTH. B R	16691A0443	Hemant
127	INDRANI. R	16691A0444	Indrani
128	ISSAC. K	16691A0445	Issac
129	JAYA PRAKASH. K	16691A0447	Jaya
130	JAYASURYA. R	16691A0448	Jaya Surya
131	JOSHITHA. K	16691A0449	Joshitha
132	PAVANKUMAR REDDY. C	16691A0491	Pavankumar
133	PAVANKUMAR. M	16691A0492	Pavankumar
134	PAVITHRA. A	16691A0493	Pavithra

  
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135	PHANINDRA REDDY. R	16691A0494	Phanindra
136	PRASANTH. B	16691A0495	Prasanth B.
137	PRATHAP REDDY. K	16691A0496	Prathap
138	PRAVEEN KUMAR. C	16691A0497	Praveen
139	RAGHAVI. T	16691A0498	Raghavi T.
140	RAHUL SAI. M	16691A0499	Rahul
141	RAHUL. D	16691A04A0	Rahul
142	RAJA SEKHAR REDDY. A	16691A04A1	Sowjanya
143	SOWJANYA. P	16691A04E8	Sowjanya
144	SREEKANTH. C	16691A04E9	Sreekanth
145	SREENIVAS SRIRAM. J	16691A04F0	Sreenivas
146	SREENIVASULU. B	16691A04F1	Srikanth
147	SRIKANTH. P	16691A04F2	Srikanth
148	SRIKANTH. T	16691A04F3	Srikanth
149	SURYA PRAKASH. B	16691A04F4	Surya Prakash
150	SUSMITHA. D	16691A04F5	Susmitha
151	SWETHA. M	16691A04F6	Swetha
152	TEJASWINI. G	16691A04F7	Tejaswini
153	THANMAYEE. T. L	16691A04F8	Thanmayee
154	RAISA ZAMANI. G	16699A0446	Raisa
155	RAJESH. K	16699A0447	Rajesh
156	RAJESWARI. S	16699A0448	Rajeswari
157	RAMYA SREE. K	16699A0449	Ramyasree
158	REESHMA. T	16699A0450	Reeshma
159	RISHITHA. P	16699A0451	Rishitha
160	ROHIT. N	16699A0452	Rohit
161	SADIQ. S	16699A0453	Sadiq
162	SAGAR. G	16699A0454	Sagar
163	SAHITHI. P	16699A0455	Sahithi
164	SAI KUMAR. K	16699A0456	Sai Kumar
165	SAILESH KUMAR. J	16699A0457	Sailesh Kumar
166	SATHISH REDDY. B	16699A0458	Sathish Reddy
167	SHAHUL. A	16699A0459	Shahul
168	SHIREESHA. B	16699A0460	Shireesha

  
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