



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

Ref. No.: NHCE/OFFER/28/2018

April 13, 2018

Mr. L Sunder Murthy
No.20, Gangamma Layout
Jalahalli Post,
Bangalore - 560013

Dear, Mr. L Sunder,

Congratulations! We are pleased to appoint you as an **Adjunct Faculty** in the **Department of Electronics and Communication Engineering** in **New Horizon College of Engineering** for the academic year **2017-18**. **New Horizon College of Engineering** is a unit of **New Horizon Educational Institution**, founded in 1970 to provide quality education.

- The subject allotted to you is **Embedded System Design (Arm Cortex M4)**.

Adjunct faculty appointments are temporary in nature and are usually made for one year. You may be considered for reappointment in accordance with existing policy. The Institution reserves the right to reschedule or reassign the teaching responsibilities for this appointment.

Kindly acknowledge the receipt of this offer letter and also the acceptance of the offer.

We welcome you to New Horizon family.

Head - Human Resources

Accepted the offer as per the terms discussed.

Signature: 

Proprietor

Date: 05.05.2018

NEW HORIZON COLLEGE OF ENGINEERING
Department of Electronics and Communication Engineering

5.4.2018

EXPERT LECTURE

The ECE students are hereby informed that an expert lecture is scheduled on

“ARM CORTEX M4”

(EMBEDDED SYSTEM DESIGN)

on 11.04.2018

By

L Sunder Murthy

Timing schedule is as follows

S. No	Timings	Semester
1	9.00 AM - 12.00 AM	6-A and B

Respective subject teachers are hereby informed to be present in MBA Seminar Hall during the schedule.

Note: Interested Faculty members are invited to attend the same (without affecting regular classes)

Venue: MBA Seminar Hall

Nayana G H 6/4/18
Expert Lecture Faculty in Charge



HOD ECE

06.04.18

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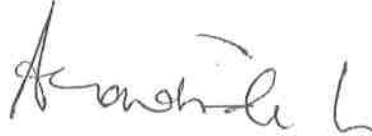
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HOD ECE

06.04.18

Personal Profile

Name: L Sunder Murthy,

BE, Electrical and Electronics Engineer passed out in year 1991 from Govt College of Engineering Salem, University of Madras

Having wide experience for almost 26 years in the field of electrical and electronics,

Started L S Control Systems, Proprietorship Company in the year 2000, in Bangalore.

At LS controls systems we are specialized in the manufacturing testing equipment's for Energy Meters and protective relays,

We have developed complete line of Automated Test equipment's to test energy meters as per the Indian standard requirement, some of the equipment's are import substitute,

We were the first in India to develop tamper simulator to Test Anti Tamper energy meters,

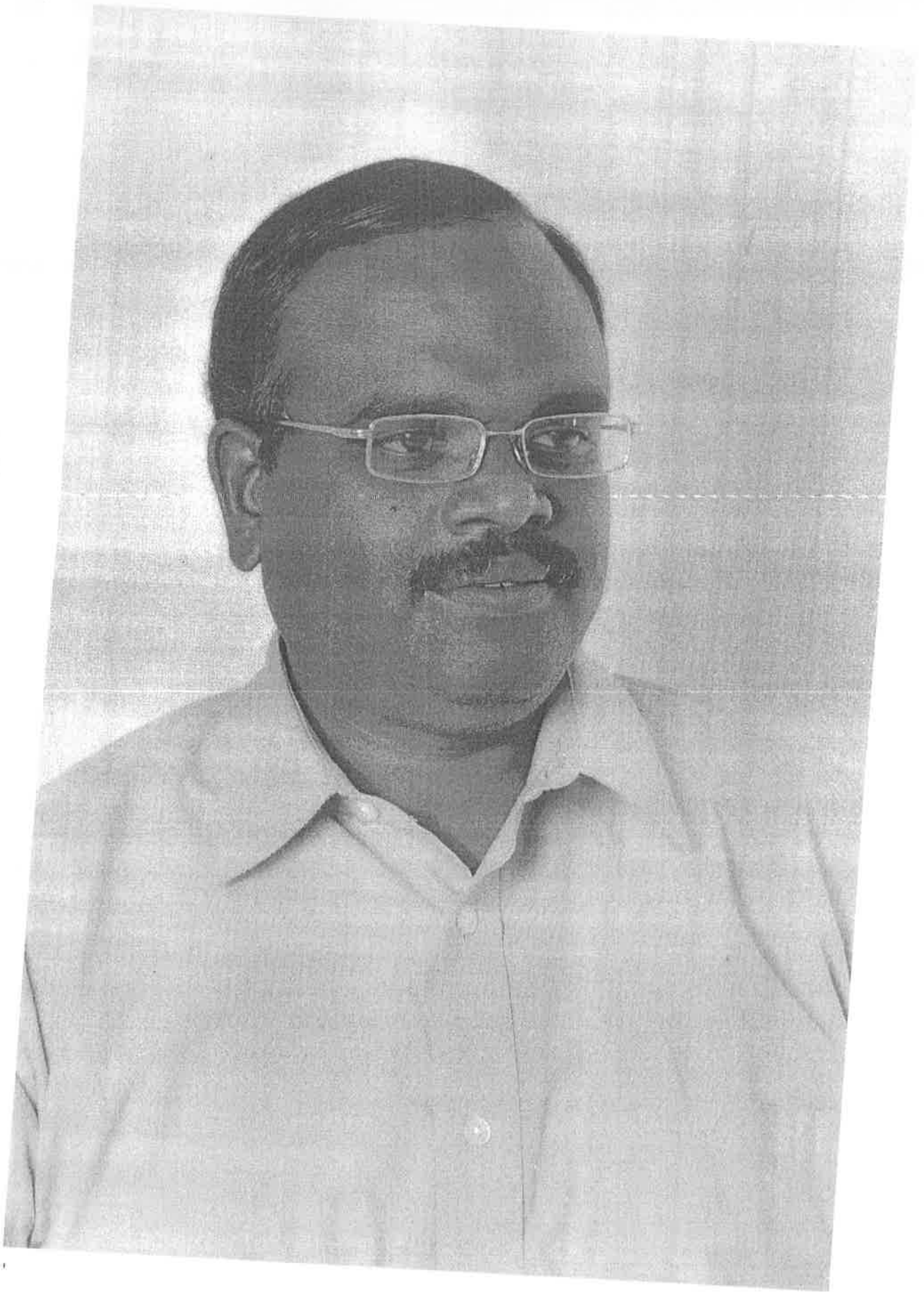
As a part of Smart city project, we are developing products based on IOT,

We have in house R&D center, software development team, where we develop Products based on Digital signal processors,

We have established clear and defined process in our factory to ensure quality and timely delivery of products.

Reg. Address:
No.11, Bangalore Layout
Jalahalli post, Bangalore-560 013

Office Address:
No. 56/57, 8th Cross 5th Cross, Ekappa Layout
Ganapathi Nagar, Peenya Industrial Area 3rd Phase, Bangalore-560058
Mob : +91 94480 84877 : E-Mail : lscontrol@lscsystams.com



Embedded System Design

NEW HORIZON COLLEGE OF ENGINEERING DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING VI Sem "A" Sec

Sl.No	USN	NAME	Stream	SIGN
1	1NH14EC019	Bharath P M (Re-Joinee)	Exe	BS
2	1NH14EC061	K S DivyaTej (Re-Joinee)	Exe	
3	1NH14EC737	Abhishek Reddy V (Re-Joinee)	EXE	Abhishek V
4	1NH14EC748	Narendra Kumar U (Re-Joinee)	EXE	Narendra Kumar U
5	1NH15EC001	Vinay Kumar Reddy	Prof	Vinay Reddy
6	1NH15EC018	Deexith S	Prof	Deexith S
7	1NH15EC019	Denzel Abraham George	Prof	
8	1NH15EC022	Greeshma. R	Prof	Greeshma R
9	1NH15EC030	Janardhan.S.P	Glob	
10	1NH15EC031	Jayanth M K	Prof	Jayanth M K
11	1NH15EC036	Karthik R	Prof	Karthik R
12	1NH15EC040	Kesav. S	Prof	Kesav S
13	1NH15EC045	Manikanta.K	Prof	Manikanta K
14	1NH15EC047	Mari Setti Venkata Ramakrishna	Prof	Mari Setti Venkata Ramakrishna
15	1NH15EC048	Megha.D.R	Prof	Megha D.R
16	1NH15EC062	Nikhil Riyaz	Prof	
17	1NH15EC063	Nishant S	Prof	
18	1NH15EC065	Obili Srinidhi	Prof	Obili Srinidhi
19	1NH15EC066	Pamisetty Udayabhanu	Prof	Pamisetty Udayabhanu
20	1NH15EC076	Rachitha.M.R	Prof	Rachitha M.R
21	1NH15EC078	Radhika.B	Prof	Radhika B
22	1NH15EC079	Riya Dey	Prof	Riya Dey
23	1NH15EC083	S P Rahul Kumar	Prof	
24	1NH15EC088	Saleh Junaid Ahmed	Prof	
25	1NH15EC100	Shruthi Rajamani	Glob	
26	1NH15EC105	Shyla Shree.R	Prof	Shyla
27	1NH15EC106	Siddharh P	Prof	
28	1NH15EC112	SREE RENUKAAKSHITHA	EXE	
29	1NH15EC114	Sumanth.R	Prof	Sumanth R
30	1NH15EC116	Surendra Kumar	Glob	
31	1NH15EC125	Veda.J	Prof	Veda J

1NH15EC120 TRIBHUVAN-L

Glob

1NH15EC022 AKSHAY Reddy

Prof

1NH14EC726 P. Likith chowdary

EXE

32	1NH15EC126	Vidhut Sharma	Prof	
33	1NH15EC127	Virender Singh	Glob	<u>Virender</u>
34	1NH15EC129	Yakshika.A	Prof	<u>A. Gms.</u>
35	1NH15EC131	S Reshma	Prof	
36	1NH15EC406	Gayathri V (Re-Joinee)	EXE	
37	1NH15EC413	Pavana M (Re-Joinee)	EXE	<u>Pavana</u>
38	1NH15EC423	Vinay M Sudhakar (Re-Joinee)	Exe	<u>Vinay</u>
39	1NH15EC430	Niveditha V (Rejoinee)	EXE	<u>Niveditha</u>
40	1NH15EC705	Chandana M	Prof	<u>Chandana</u>
41	1NH15EC709	Goutham R	Prof	
42	1NH15EC719	Nirmal Anand	Glob	
43	1NH15EC727	R. Hari Raj	Prof	
44	1NH15EC728	Raahul John Alex	Glob	
45	1NH15EC732	Ramya G	Prof	<u>Ramya G</u>
46	1NH15EC734	Rashmi.S	Prof	<u>Rashmi S</u>
47	1NH15EC738	Rushika Ujjwal	Prof	<u>Rushika</u>
48	1NH15EC741	Sanjana Ranjan	Glob	
49	1NH15EC748	Shuvam Pal	Prof	
50	1NH15EC752	Suraj Kumar Sharma	Prof	<u>Suraj</u>
51	1NH15EC754	Syed Saqlain Ahmed	Glob	
52	1NH15EC756	Venkatesh T	Glob	<u>Venkatesh</u>
53	1NH16EC400	Chethan B R	Prof	<u>Chethan</u>
54	1NH16EC402	Harsha Vardhan R	EXE	<u>Harsha</u>
55	1NH16EC404	Hemavathi S	Prof	<u>Hemavathi</u>
56	1NH16EC405	Kavyashree M	Prof	<u>Kavyashree</u>
57	1NH16EC406	Kushal D Pravarda	Glob	<u>Kushal</u>
58	1NH16EC409	LOKESHARAO V	Exe	<u>LOKESHARAO</u>
59	1NH16EC410	M. Mrinal	Prof	<u>M. Mrinal</u>
60	1NH16EC414	Muralidharan E	Prof	
61	1NH16EC416	Naresh Babu	Prof	<u>Naresh</u>
62	1NH16EC421	Rakshitha N	Exe	<u>Rakshitha</u>
63	1NH16EC429	Ullas M S	Exe	
64	1NH16EC431	Aravind K	EXE	<u>Aravind</u>

65 1NH16EC407 LAVANYA C.Y

Glob

Lavanya

66 1NH16EC424 ROHIT. R

EXE

Rohit

67 1NH16EC430 Vijaykumar. Y.V

Prof.

Vijaykumar

68 1NH15EC031 Jayanth M.K

Prof

Jayanth

69 1NH15EC045 Manikanta. K

Prof:

Manikanta

Embedded System Design

VI Sem "B" Sec

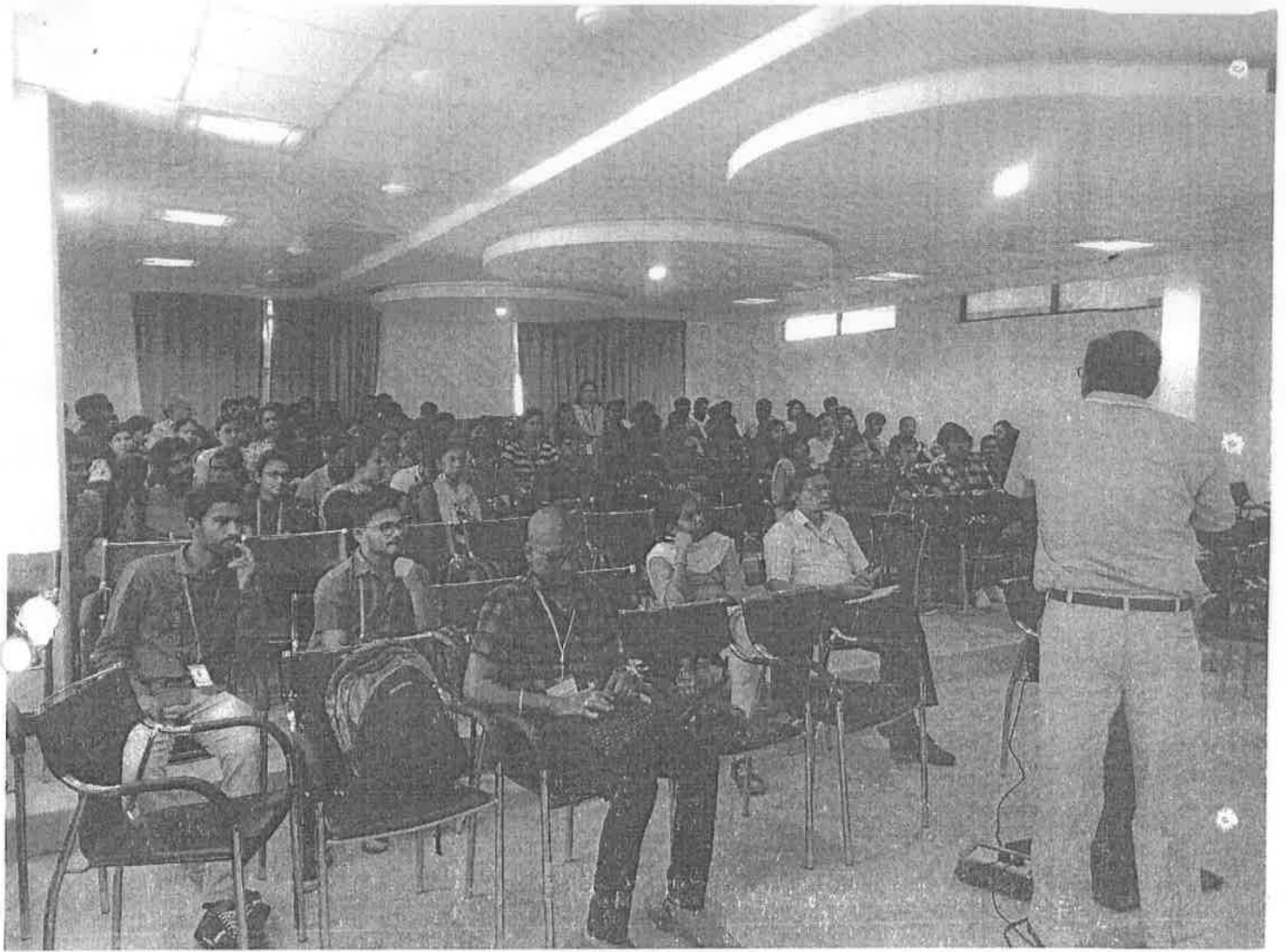
ECE62

Sl.No	USN	NAME	Stream	SIGN
1	1NH13EC138	D Ramya	EXE	<i>D Ramya</i>
2	1NH13EC729	Mohammed Sabah . M (Re-Joinee)	EXE	<i>Mohammed Sabah . M</i>
3	1NH14EC015	Amudha G (Re-Joinee)	EXE	
4	1NH14EC033	D Subba Reddy	EXE	
5	1NH14EC037	Geetha M	EXE	<i>Geetha M</i>
6	1NH14EC132	Srustik Subhash (Re-joinee)	EXE	<i>Srustik Subhash</i>
7	1NH14EC147	Yerrabapu Rohit Reddy (Re-joinee)	EXE	<i>Yerrabapu Rohit Reddy</i>
8	1NH14EC722	Nishanth Reddy K (Re-Joinee)	EXE	
9	1NH14EC723	Nithya V (Re-Joinee)	EXE	<i>Nithya V</i>
10	1NH15EC002	Abhuri Greeshma	EXE	<i>Abhuri Greeshma</i>
11	1NH15EC003	B Achal	EXE	<i>B Achal</i>
12	1NH15EC004	Akash Mallappa Mampur	EXE	<i>Akash Mallappa Mampur</i>
13	1NH15EC005	Akhil Chowdary. M	EXE	<i>Akhil Chowdary. M</i>
14	1NH15EC006	Akshitha.KS	EXE	<i>Akshitha.KS</i>
15	1NH15EC009	Anusha M	EXE	<i>Anusha M</i>
16	1NH15EC010	Aparna.M	EXE	<i>Aparna.M</i>
17	1NH15EC011	Bhavana Savanth	EXE	
18	1NH15EC012	Bujja Ajay	EXE	<i>Bujja Ajay</i>
19	1NH15EC013	Chandini C	EXE	<i>Chandini C</i>
20	1NH15EC014	Chandra Shekhar.K.R	EXE	<i>Chandra Shekhar.K.R</i>
21	1NH15EC016	Deepak S	EXE	<i>Deepak S</i>
22	1NH15EC017	Deepika.S	EXE	<i>Deepika.S</i>
23	1NH15EC023	Gurushree Bhat U	EXE	<i>Gurushree Bhat U</i>
24	1NH15EC025	Harshitha J R	EXE	<i>Harshitha J R</i>
25	1NH15EC026	Harshitha N	EXE	<i>Harshitha N</i>
26	1NH15EC027	Hemanth Kathick R	EXE	<i>Hemanth Kathick R</i>
27	1NH15EC028	Hemanth Kumar.R	EXE	<i>Hemanth Kumar.R</i>
28	1NH15EC029	Irfan	EXE	<i>Irfan</i>
29	1NH15EC032	Jayanth S	EXE	<i>Jayanth S</i>
30	1NH15EC033	Jitin Jain Mathew	EXE	<i>Jitin Jain Mathew</i>

31	1NH15EC034	K B Hithesh	EXE	K B
32	1NH15EC035	K.R.Amrutha	EXE	K.R.Amrutha
33	1NH15EC037	Karthik.V	EXE	King
34	1NH15EC038	Kavya.D.R	EXE	Kavya.D.R
35	1NH15EC039	Keerthi.U.M	EXE	Keerthi U.M
36	1NH15EC043	Laxmi Sah	EXE	Laxmi
37	1NH15EC046	Manamohan	EXE	MA
38	1NH15EC049	Mithun.V	EXE	Mithun
39	1NH15EC050	Mohammed Musaveer	EXE	Musaveer
40	1NH15EC051	Mohammed Shabaz	EXE	Shabaz
41	1NH15EC052	Monika Reddy	EXE	Monika
42	1NH15EC053	Monisha.M	EXE	Monisha.M
43	1NH15EC054	Mukesh	EXE	Mukesh
44	1NH15EC056	Nagarjun K S	EXE	Nagar
45	1NH15EC057	Nalini.K	EXE	Nalini
46	1NH15EC058	Priyanka Nallagouni	EXE	Priyanka
47	1NH15EC060	Naveen.K.R	EXE	Naveen
48	1NH15EC061	Naveen.P	EXE	Naveen P
49	1NH15EC070	Venkata Sai ganesh	EXE	
50	1NH15EC071	Preeti .K.Mehtry	EXE	Preeti
51	1NH15EC073	Punarva.A	EXE	Punarva
52	1NH15EC077	Radhakrishna.C	EXE	Radha
53	1NH15EC081	Rukmini.N	EXE	Rukmini
54	1NH15EC085	Saahil Rai	EXE	Saahil
55	1NH15EC086	Sachin Yadav	EXE	Sachin
56	1NH15EC089	Samarpan Chakraborty	EXE	Samarpan
57	1NH15EC102	Shubha.A	EXE	Shubha
58	1NH15EC113	Subramanaya Ganesh	EXE	Subh
59	1NH15EC117	Swathi.R	EXE	Swathi
60	1NH15EC121	Tirumala Satheesh Himakeerthi	EXE	T.S.Himakeerthi
61	1NH15EC132	Deepti S	EXE	Deepti
62	1NH15EC135	Archana M	EXE	Archana
63	1NH15EC435	Thyagaraj M (Re-joiner)	EXE	Thyagaraj
64	1NH15EC701	Abhishek V P	EXE	Abhishek
65	1NH15EC703	Ashwin S	EXE	Ashwin

66 1NH15EC724 PRASANNA KUMAR D EXE Prasanna Kd

66	1NH15EC707	Deepak Tomslee	EXE	<i>Deepak</i>
67	1NH15EC714	Jishma Asmi. V	EXE	<i>Jishma</i>
68	1NH15EC724	Prasanna Kumar.D	EXE	<i>Prasanna Kd</i>
69	1NH15EC755	Syed Zahid Ulla	EXE	<i>Zahid</i>
70	1NH16EC401	Dilip Kumar R	EXE	<i>Dilip</i>
71	1NH16EC411	Madhavi Irranna Sajjan	EXE	<i>Madhavi</i>
72	1NH16EC412	Mohammed Faizulla D K	EXE	<i>Mohammed</i>
73	1NH16EC413	Mohan Kumar V	EXE	<i>Mohan</i>
74	1NH16EC417	Padmini M E	EXE	<i>Padmini</i>
75	1NH16EC419	Praveenkumar R Jadhav	EXE	<i>Praveen</i>
76	1NH16EC420	Priyanka P	EXE	<i>Priyanka</i>
77	1NH16EC423	Ramitha B	EXE	<i>Ramitha</i>
78	1NH16EC426	Sachin K B	EXE	<i>Sachin</i>
79	1NH16EC427	Shashikumar M R	EXE	<i>Shashikumar</i>
80	1NH16EC428	Sowmya P	EXE	<i>Sowmya P</i>
81	1NH16EC415	Namitha Reddy-V.	EXE	<i>Namitha Reddy</i>
82	1NH15EC414	Harsha. E	EXE	<i>Harsha</i>



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EMBEDDED System

The guest lecture was delivered by L Sunder Murthy on various industrial aspects in connection with Embedded system design.

During his talk, he focussed on three topics (1) Embedded systems for monitoring and control (2) Embedded system Design for developers (3) Embedded design for decision makers.

Focus on innovation, not implementation

we likely spend too much of our time supporting old designs instead of innovating on new features, its time to improve our approach.

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— He explained about the characteristics and quality attributes of the Embedded systems — He talked about ARM (Advanced Risc Machine) about the Harvard and Von Neumann architectures

— He, then focussed on the trends in the Embedded Industry.

Processor trends in the Embedded systems include the performance enhancements offered by the general computing processors like x86, P1, PII..., Celeron, Celerino and Core 2 duo. RISC and execution pipelining, contributed a lot to