

NEW HORIZON COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

24.10.2017

EXPERT LECTURE

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

“Microcontroller”

on 28.10.2017.

By

Mr. Bharat Gebise, Specialist/Software Developer, Tata Elxsi, Bangalore.

Timing schedule is as follows

S. No	Timings	Semester
1	8.00 AM – 10.00 AM	5

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

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

Venue: Falconry Seminar Hall

Expert Lecture Faculty in Charge

HOD ECE

Bharat Gebise

#137, 6th Cross, Seetaram Palya, ITPL main road, Whitefield, Bengaluru -560048.
+91-9964057272
bharat.g26@gmail.com

OBJECTIVE

Seeking to honestly leverage my six years of technical and professional expertise for achieving career growth and the objectives of the organization.

KEY SKILLS

Operating systems	ThreadX RTOS, Linux.
Programming languages	C, C++.
Scripting languages	Perl, Shell scripting.
IDE	CCS, e2Studio, Eclipse.
Application software	MS-Office, Confluence, JAMA, JIRA, LDRA, Git and Mercurial
Debugging tools	JTAG debugger, Protocols Logic Analyzer, RF Sniffer, CANalyzer, Frequency Analyzer, Oscilloscope.
Platforms	ARM7, ARM9, Cortex A53, MSP430, CC430.
Domains	Firmware and Driver development, Low power RF communication, Switched mode power supply.
Protocols	I2C, SPI, UART, PMBus, SMBus, APDU, ALPS, CAN, I2S

PROFESSIONAL EXPERIENCE

Team lead

Company: Tata Elxsi, Bengaluru

June 2016 – Present

Customer: Renesas Electronics America

Developing drivers and frameworks for Renesas microcontrollers supporting IOT applications. Undergone the experience of complete software development life cycle process. Handling a team of five members to deliver modules on time to showcase them as a certified softwares for the customers.

Company: KarMic Designs Pvt Ltd., Manipal

May 2015 – April 2016

Customer: NXP Semiconductors

Developed encryption software for secured communication for automotive vehicle communication. Implemented communication using APDU (Application Protocol Data Unit) to convey ISO/IEC 7816-4 based communication.

Senior Engineer

Company: KarMic Designs Pvt Ltd., Manipal

January 2014 – April 2015

Customer: Texas Instruments, Dallas

Implemented control system application for the SMPS (Switched Mode Power Supply) using buck, boost converters. This was a DC-DC power converter application.

Company: KarMic Designs Pvt Ltd., Manipal

June 2012 – January 2014

Customer: Povelli Pvt Ltd., California

Developed low power radio communication based e-paper shelf labels. This product was developed to display prices of products at commercial places. All the price updates at geographically multiple places are target to update centrally at the same time.

Member of Technical Staff

Company: KarMic Designs Pvt Ltd., Manipal

October 2010 – June 2012

Customer: Texas Instruments, Dallas

Developed device drivers for communication devices like I2C, SPI, UART, PMBus and SMBus. Customised boot loader for multiple applications to meet wired and wireless firmware updates.

FORMAL EDUCATION

Degree	College	Year of Passing	Percentage
M.Tech (DEC)	NMAMIT Nitte (Visvesvaraya Technological University)	2016	74%
B.E (E&C)	UBDTCE Davangere (Kuvempu University)	2009	82%

AWARDS

- Employee of the Quarter award
- Best performer award

INITIATIVES

- Conducted training for newly joined engineers.
- Organized blood donation camps.
- Organized afforestation activity.
- Organized multiple sports and games activities.

From the desk of :

HOD - Electronics & Communication Engineering

To : The Principal, NHCE

Date : 31-10-2017

NHCE/ECE/LTR/0092/2017

Dear Sir,

Sub: Request for honorarium -reg

With reference to the above subject, I would like to inform you that, department had organized a expert lecture for V sem students. The details for the same are as follows:

Name	Designation/ Company	Topic	Date/ Time
Mr. Bharat Gebise	Specialist/ software developer	"Microcontroller"	28/11/2017 28/10/2017 7/ 8.00 AM - 10.00 AM

For the same, I am hereby requesting to sanction Rs.3,000/- (rupees three thousand only) towards honorarium.

This is for your kind information and approval.

Thanking you,

Yours Sincerely,

HOD-ECE

Permitted
Mangal

Program done
[Signature]

NEW HORIZON COLLEGE OF ENGINEERING

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Account Number : 5019016587406
 Customer Name : BHARAT GEBISE
 Customer ID : 69802142
 A/c Open Date : 07/07/2016
 Branch Name : NHCE
 Total Balder : NONE
 Address : C/ TATA KINNET IT
 FLOOR : FIVE FIVE ROAD
 NEAR ZURI HOTEL
 CLY : BANGALORE
 PIN Code : 560048
 State : KARNATAKA
 Country : INDIA
 PAN No :
 Mobile No : 91988005972
 Identification : NHCE Registrar

HDFC BANK LTD

Account Number : 50100165874062
 Customer Name : PRAVY GEHISE
 Product ID : 59802112
 A/C Open Date : 07/07/2016
 Policy Holder : A Name
 Joint Holder : None
 Address : TATA FINST LTD
 116 ATPE ROAD HOODI
 TANGURU HOYSA
 CITY : BANGALORE
 Pin Code : 560042
 State : KARNATAKA
 Country : INDIA
 Reg Tel No :
 Mobile No : 919461052112
 Beneficiary : Not Registered

Product Code : 113
 A/C Category : TMR
 Branch Code : 1804
 Branch Name : PRESTIGE SHANTINIKETAN
 Branch Address : PRESTIGE SHANTINIKETAN,
 CHITTEFIELD P. O.,
 BANGALORE
 City : BANGALORE
 Pin Code : 560042
 State : KARNATAKA
 Country : India
 Branch Tel No : 080-61600161
 MICR Code : 56124012
 IFSC Code : HDFC0003004

Account Number : 50100165874062
 Ref No : 3804001131600268

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Expert Lecture on Microcontroller

An expert lecture was conducted for one day on 28.10.2017 by Mr. Bharat Gebise, Specialist/Software Developer, TataElxsi, Bangalore in Chanakya seminar hall for the students of 5th sem.

He discussed the topics such as introduction to microcontroller, interfacing microcontroller with stepper motor, interfacing microcontroller with LCD, interfacing Microcontroller with LED and switch with detailed programs. Some practical aspects which are to be considered while programming 8051 were discussed.

USN	NAME	Attendance
1NH13EC022	C Akshay Reddy	A
1NH14EC019	Bharath P M	A
1NH14EC061	K S DivyaTej	A
1NH14EC082	Nagashivakumar Reddy	A
1NH14EC726	P Likith Chowdary	A
1NH14EC737	Abhishek Reddy V	A
1NH14EC744	Gourav K	
1NH14EC748	Narendra Kumar U	
1NH15EC001	Vinay Kumar Reddy	
1NH15EC018	Deexith S	
1NH15EC019	Denzel Abraham George	
1NH15EC022	Greeshma. R	
1NH15EC030	Janardhan.S.P	
1NH15EC031	Jayanth M K	A
1NH15EC036	Karthik R	A
1NH15EC040	Kesav. S	
1NH15EC045	Manikanta.K	
1NH15EC047	Mari Setti Venkata Ramakrishna	
1NH15EC048	Megha.D.R	
1NH15EC062	Nikhil Riyaz	
1NH15EC063	Nishant S	
1NH15EC065	Obili Srinidhi	
1NH15EC066	Pamisetty Udayabhanu	A
1NH15EC076	Rachitha.M.R	
1NH15EC078	Radhika.B	
1NH15EC079	Riya Dey	
1NH15EC083	S P Rahul Kumar	
1NH15EC088	Saleh Junaid Ahmed	
1NH15EC100	Shruthi Rajamani	
1NH15EC105	Shyla Shree.R	
1NH15EC106	Siddharh P	
1NH15EC112	SREE RENUKAAKSHITHA	A
1NH15EC114	Sumanth.R	
1NH15EC116	Surendra Kumar	
1NH15EC120	Thribhuvan L	
1NH15EC125	Veda.J	
1NH15EC126	Vidhut Sharma	
1NH15EC127	Virender Singh	
1NH15EC129	Yakshika.A	
1NH15EC131	S Reshma	
1NH15EC406	Gayathri V	
1NH15EC413	Pavana M	
1NH15EC423	Vinay M Sudhakar	A
1NH15EC430	Niveditha V	
1NH15EC705	Chandana M	A

1NH15EC709	Goutham R	r
1NH15EC719	Nirmal Anand	
1NH15EC727	R. Hari Raj	
1NH15EC728	Raahul John Alex	
1NH15EC732	Ramya G	
1NH15EC734	Rashmi.S	
1NH15EC738	Rushika Ujjwal	A
1NH15EC741	Sanjana Ranjan	
1NH15EC748	Shuvam Pal	
1NH15EC752	Suraj Kumar Sharma	
1NH15EC754	Syed Saqlain Ahmed	A
1NH15EC756	Venkatesh T	A
1NH16EC400	Chethan B R	A
1NH16EC402	Harsha Vardhan R	
1NH16EC404	Hemavathi S	
1NH16EC405	Kavyashree M	
1NH16EC406	Kushal D Pravarda	
1NH16EC407	Lavanya C Y	
1NH16EC409	LOKESHARAO V	
1NH16EC410	M. Mrinal	A
1NH16EC414	Muralidharan E	
1NH16EC416	Naresh Babu	
1NH16EC421	Rakshitha N	A
1NH16EC424	Rohit R	
1NH16EC429	Ullas M S	
1NH16EC430	Vijay Kumar Y Valmiki	
1NH16EC431	Aravind K	A

NH10 Post
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Rama.P.
Signature (subject teacher)

Date: 28/10/17

V - B

USN	Student Name	Attendance
INH13EC138	D RAMYA	A
INH13EC729	MOHAMMED SABAH MADATHODY	.
INH14EC015	AMUDHA.G	A
INH14EC033	DONTHI REDDY SUBBA REDDY	
INH14EC037	GEETHA M	
INH14EC132	SRUSTIK SUBHASH BANKENAHALLY	
INH14EC147	YERRABAPU ROHIT REDDY	A
INH14EC722	NISHANTH REDDY K	A
INH14EC723	NITHYA V	
INH15EC002	ABBURI GREESHMA	
INH15EC003	B ACHAL	
INH15EC004	AKASH MALLAPPA MANTUR	A
INH15EC005	AKHIL CHOWDARY M	A
INH15EC006	AKSHITHA K S	
INH15EC009	ANUSHA M	
INH15EC010	APARNA.M	
INH15EC011	BHAVANA SAVANTH	
INH15EC012	BUJJA AJAY	
INH15EC013	CHANDINI C	
INH15EC014	CHANDRASHEKHAR.K.R	
INH15EC016	DEEPAK S	
INH15EC017	DEEPIKA.S	
INH15EC023	GURUSHREE BHAT U	
INH15EC024	HARSHA E	
INH15EC025	HARSHITHA J R	
INH15EC026	HARSHITHA N	
INH15EC027	HEMANTH KARTHIK R	
INH15EC028	HEMANTH KUMAR B R	A
INH15EC029	IRFAN A	A
INH15EC032	JAYANTH S	
INH15EC033	JITIN JAIN MATHEW	
INH15EC034	K B HITHESH	
INH15EC035	K.R.AMRUTHA	
INH15EC037	KARTHIK V	
INH15EC038	KAVYA D R	
INH15EC039	KEERTHI U.M	
INH15EC043	LAXMI SAH	
INH15EC046	MANAMOHAN	
INH15EC049	MITHUN.V	
INH15EC050	MOHAMMED MUSAVEER	
INH15EC051	MOHAMMED SHABAZ	
INH15EC052	MONIKA A REDDY	
INH15EC053	MONISHA M	
INH15EC054	MUKESH	
INH15EC056	NAGARJUN.K.S	
INH15EC057	NALINI.K	
INH15EC058	N PRIYANKA	
INH15EC060	NAVEEN K R	
INH15EC061	NAVEEN.P	
INH15EC070	POLISETTY VENKATA SAI GANESH	
INH15EC071	PREETI K MEHTRY	A
INH15EC073	PUNARVA A	

Date:

INH15EC077	RADHAKRISHNA C	
INH15EC081	RUKMINI.N	
INH15EC085	SAAHIL RAI	
INH15EC086	SACHIN YADAV	
INH15EC089	SAMARPAN CHAKRABORTY	A
INH15EC102	SHUBHA.A	A
INH15EC113	SUBRAMANYA GANESH	
INH15EC117	SWATHI.R	
INH15EC121	TIRUMALA SATHEESH HIMAKEERTHI	
INH15EC132	DEEPTI S	
INH15EC135	ARCHANA	
INH15EC435	THYAGARAJ M	
INH15EC701	ABHISHEK V P	
INH15EC703	ASHWIN S	A
INH15EC707	DEEPAK TOMSLEE	
INH15EC714	JISHMA ASMI V	
INH15EC724	PRASANNA KUMAR D	
INH15EC755	SYED ZAHIDULLA	
INH16EC401	DILIP KUMAR R	
INH16EC411	MADHAVI IRANNA SAJJAN	
INH16EC412	MOHAMMED FAIZULLA D. K	
INH16EC413	MOHAN KUMAR V	A
INH16EC415	NAMITHA REDDY V	A
INH16EC417	PADMINI M E	A
INH16EC419	PRAVEENKUMAR R JADHAV	
INH16EC420	PRIYANKA P	
INH16EC423	Ramitha	
INH16EC426	Sachin K B	
INH16EC427	Shashi Kumar	
INH16EC428	Sowmya P	

Sign (Subject teacher)

Date:

28/10/2017

Name	USN	Attendance
D VEDAVATHI KIRANMAI	1NH14EC026	A
KOLLI SRINIVASA REDDY	1NH15EC041	A
PULIBANDLA HARISH	1NH15EC072	
SARE SAI SANDEEP	1NH15EC093	
MANOJ V	1NH15EC757	
VIRUPAKSHA	1NH15EC128	
SHIVANI.V	1NH15EC746	
MADALA KALYAN KUMAR	1NH15EC044	
NAGABHYRU KUSHVANTH CHOWDA	RY 1NH15EC055	
PAVAN KUMAR S	1NH15EC069	
THANUJA A	1NH15EC119	A
CHINNAM VIJAY KRISHNA	1NH15EC706	
RAMYA R	1NH15EC733	
RAVULA ASWENTH	1NH15EC735	
SHAIK SOHAIL	1NH15EC095	A
SHWETHA. R	1NH15EC104	A
V MEGHA	1NH15EC123	
BASANAGOUDA PATIL	1NH15EC704	
I G KEVIN CHRISTOPHER	1NH15EC713	
MANOJ CHANDRASHEKAR MALI	1NH15EC715	
PRATAP R	1NH15EC725	
RAMESH BIROJI	1NH16EC422	A
SANJEEV JAYASURYA.S	1NH15EC092	
VARIKUTI HARSHA VARDHAN REDDY	1NH15EC124	
PUTTI REDDY AKHIL REDDY	1NH15EC074	
SOUNDARYA B K	1NH15EC110	
NALLAM VENKATASAI BALAKRISHNA	1NH15EC717	
PRAVEEN P NAIR	1NH15EC726	
SHREYAS. H	1NH15EC747	
Sakkirala Satwik Yadav	1NH15EC087	
PAVAN KUMAR S	1NH15EC720	
SHWETHA.P. S	1NH15EC749	
SURYA V	1NH15EC753	
SHARATH C R	1NH15EC743	
SANJAY KUMAR. A	1NH15EC091	A
SURAJ R	1NH15EC115	
TARUNGWDA S M	1NH15EC118	
KALIKI POOJASRI	1NH15EC130	
NAMRATHA B R	1NH15EC133	
MANOJ KUMAR K	1NH15EC134	
RUSHALI RAINA	1NH15EC082	
SHILPA V	1NH15EC098	
V HARI CHANDANA	1NH15EC712	A
NAMRATA SUDHIR KATRALE	1NH15EC718	
NANDITHA S	1NH15EC059	
S. SUHAS	1NH15EC084	
PRADEEP K	1NH15EC723	A

SALADI RAHUL	1NH15EC730	
RAKSHITHA L	1NH15EC731	
SHIVAPRASAD H S	1NH15EC744	
LOKESH	1NH16EC408	
GADIPUDI ASRITH	1NH15EC020	
SANDHYA B	1NH15EC090	A
SOWMYA S	1NH15EC111	A
ANUSHA R	1NH15EC702	
S K MOHAMMAD AKHLEEM NAWAZ	1NH15EC739	
SURAJ DAVIS	1NH15EC751	
KONURU GOPI	1NH15EC042	
NOTI DINESH KUMAR REDDY	1NH15EC064	
SHRUTI JANA	1NH15EC101	
KOLUKONU HAKESH	1NH15EC711	A
GATTU RAGHUNADHAM	1NH15EC021	A
SAVITA. SHIVANAND.PATIL	1NH15EC742	
VISHNU N U	1NH15EC759	
SNEHITH V GOWDA	1NH15EC750	
J.PRIYANKA MILTON	1NH14EC052	
SNEHA S	1NH15EC108	
V.BHARATH RAJ	1NH15EC122	
SHREYAS S	1NH15EC099	
SNEHA P	1NH15EC107	
MEGHA N	1NH15EC716	
SACHIN B S	1NH16EC425	
SATISH J	1NH15EC094	
SHIVANI KUMARI	1NH15EC745	A
RADHIKA R	1NH15EC729	
S KRITHIKA	1NH15EC740	
SHARATH N	1NH15EC096	
ABHISHEK GOWDA K M	1NH15EC700	A
EKTA SHUKLA	1NH15EC708	A
PAVITHRA R	1NH15EC722	A
POOPA D ALMEIDA	1NH15EC080	

NH10905
215

Sign (Subject teacher) *Aparna*

Date: 28/10/2017