



# **Dhirajlal Gandhi**

## **College of Technology**



**Department of Electronics and  
Communication Engineering**

**News Letter 2014-2015**

# **Dhirajlal Gandhi College of Technology**



**Chairman**

**Shri. Dhirajlal A Gandhi**



**Secretary**

**Smt. Archana Manojkumar**



**Principal**

**Dr. V. Murali Bhaskaran**

## **Department of Electronics and Communication Engineering**

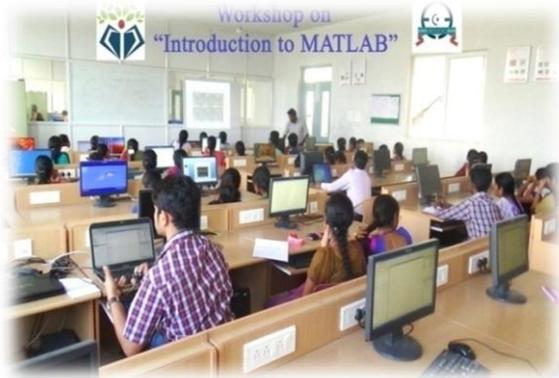


**HOD/ECE:**

**Dr. M. Sumathi M.E., Ph.D.,**

## Workshop organized

A one day workshop on **“INTRODUCTION TO MATLAB”** was organized on 11.01.2015, in collaboration with ECE Association, NIT Trichy.



A One day workshop on **“ADVANCED DESIGN SYSTEM”** conducted in collaboration with *Sinetec Technologies, Coimbatore*, held on 07.02.2015. Mr. S. Pachiyappan, RF Application Engineer, Waveguide Technologies Chennai, participated as resource person.

Workshop on **“NI LabVIEW”** conducted by National Instruments from 09.02.2015 to 10.02.2015 and 16.02.2015 to 17.02.2015.



A one day Workshop on the topic **“ENERGY CONSERVATION WEEK BY TANGEDCO”** held on 19.02.2015.

## Faculty Development Program

FDTP on **“OPTICAL COMMUNICATION AND NETWORKS”** from 23.06.2014 to 29.06.2014, sponsored by Anna University Chennai. Mr. D. John, Former Deputy Director ISRO, Bangalore, Mr. A. M. Selvaraju, Area Manager Reliance Communications, Chennai. Ms. V. Kavitha, Professor and Head / ECE.M. Kumarasamy College of Engineering, Karur. Dr. A. Sivasubramaniam, Principal, Tagore Institute of Engineering and Technology, Attur. Dr. B. N. Shivananju, Department of Instrumentation and Applied Physics IISc, Bangalore. Mr. Ravi Arunan, Senior Engineer (Sales) and Mr. Manoji, Technical Support Engineer, BenchMark Electronic Systems Pvt. Ltd., Chennai were the resource persons.



## Training Program

Dhirajlal Gandhi College of Technology in collaboration with National Instruments (NI), Bangalore inaugurated NI Lab View Academy in the college premises to create opportunities for in-plant training and real time Projects for the students which enable them to become successful in their career.



Training program conducted on topic “Fundamentals of Telecommunications” by BSNL, Salem.

Hands on training on “Agilent DSO” by Mr. Raju, Sinetec technologies, Coimbatore from 19.09.2014 to 20.09.2014

“NI LabVIEW”, Advance training program presented by internal faculty of ECE department for the benefit of third year and final year students of ECE department.



### **IESA Activities**

Dr. S. Venkatesh attended a Seminar on “Demystifying the Internet of Things” held on 12.12.2014.

Dr. S. Venkatesh attended a Seminar on “Vision summit 2015” held from 02.02.2015 to 03.02.2015.

### **MOU signed**

MoU with STEPS Knowledge Service Pvt. Ltd., to establish Texas Instruments Analog System Design Lab on 23 January 2015.

MoU with Vi Microsystems Pvt. Ltd., to carry entrepreneurial activities, sharing of resource and knowledge

MoU with Livewire-a division of CADD centre training services Pvt. Ltd., for Skill development of students signed on 26 May 2015.

### Faculty Participation in FDP- External

S.No	Name of the Faculty	Nature of the Program	Title	Date	Venue	Presenter/Participated/Awarded/Attended
1	Mr.S.Boopathy	FDP	Pedagogical tools and techniques series-III	17-11-2014 To 21-11-2014	NIT campus, Tiruchirappalli	Participated
2	Ms.V.Vanathe	FDP	Pedagogical tools and techniques series-III	17-11-2014 To 21-11-2014	NIT campus, Tiruchirappalli	Participated
3	Mr.R.Saravanan	FDP	Flexible AC Transmission Systems	12-12-2014 To 18-12-2014	The Kavery Engineering college, Salem	Participated
4	Mr.N.Vetriselvan	FDP	Personal Effectiveness to Organizational Excellence	10-01-2015	CII and KBSS, Salem	Participated
5	Mr.S.Boopathy	FDP	Personal Effectiveness to Organizational Excellence	10-01-2015	CII and KBSS, Salem	Participated
6	Mr.M.Hemakumar	FDP	Personal Effectiveness to Organizational Excellence	23-01-2015	CII and KBSS, Salem	Participated

### Faculty Participation in FDP- Internal

S.No	Name of the Faculty	Nature of the Program	Title	Date	Venue	Presenter/Participated/Awarded/Attended
1	Dr.M.Sumathi	FDP	EC-2402-Optical Communication and networks	23.06.2014 To 29.06.2014	DGCT,Salem	Presenter
2	Ms.S.Sridevi	FDP	EC-2402-Optical Communication and networks	23.06.2014 To 29.06.2014	DGCT,Salem	Participated
3	Ms. G. Nagalalli	FDP	EC-2402-Optical Communication and networks	23.06.2014 To 29.06.2014	DGCT,Salem	Participated
4	Mr. M. Hemakumar	FDP	Microsoft Technology Associate	09-01-2015 To 13-01-2015	DGCT,Salem	Participated
5	Ms. G. Nagalalli	FDP	Microsoft Technology Associate	09-01-2015 To 13-01-2015	DGCT,Salem	Participated

### Faculty Participation in Seminar/Workshop – External

S.No	Name of the Faculty	Nature of the Program	Title	Date	Venue	Presenter/Participated/Awarded/Attended
1	Dr.S.Venkatesh	Workshop	Agilent Tech Day	23-07-2014	Hotel The Residency, Coimbatore	Participated
2	Ms.S.Nirmaladevi	Seminar	MATLAB & Simulink for Engineering Education	20-08-2014	Chennai	Participated
3	Ms.M.G.Shyamala	Seminar	Cloud Computing	08-12-2014	SNS college of Technology	Participated
4	Mr.M.Hemakumar	Workshop	Research Methodology	16-12-2014	Anna university, Chennai	Participated
5	Ms.S.Sridevi	Workshop	The Freedom Lab-in-a-box	05-01-2015	ICTIEE 2015,Bangaluru	Participated
6	Ms.S.Sridevi	Workshop	Problem Based Learning	06-01-2015	ICTIEE 2015,Bangaluru	Participated
7	Dr.M.Sumathi	Workshop	Software Defined Radio& Control systems-Effective tools for Teaching and Research	05-01-2015	ICTIEE 2015,Bangaluru	Participated
8	Dr.M.Sumathi	Workshop	Industry Academia Partnerships	06-01-2015	ICTIEE 2015,Bangaluru	Participated
9	Dr.S.Venkatesh	Workshop	Software Defined Radio&Control systems-Effective tools for Teaching and Research	05-01-2015	ICTIEE 2015,Bangaluru	Participated
10	Ms.S.Sridevi	Workshop	Engineering projects in Community Services	06-01-2015	ICTIEE 2015,Bangaluru	Participated
11	Dr.S.Venkatesh	Workshop	Outcome based Education	06-01-2015	ICTIEE 2015,Bangaluru	Participated

### Faculty Participation in Seminar/Workshop – Internal

S.No	Name of the Faculty	Nature of the Program	Title	Date	Venue	Presenter/Participated/Awarded/Attended
1	Ms.A.Divyadharshini	Workshop	MATLAB Workshop	10-01-2015	DGCT,Salem	Participated
2	Ms.S.Nirmaladevi	Workshop	MATLAB Workshop	10-01-2015	DGCT,Salem	Participated
3	Ms.M.HajiraKhathum	Workshop	MATLAB Workshop	10-01-2015	DGCT,Salem	Participated
4	Ms.B.Sudhamathi	Workshop	MATLAB Workshop	10-01-2015	DGCT,Salem	Participated
5	Mr.S.Boopathy	Workshop	MATLAB Workshop	10-01-2015	DGCT,Salem	Participated
6	Ms.V.Vanathe	Workshop	MATLAB Workshop	10-01-2015	DGCT,Salem	Participated
7	Dr.S.Venkatesh	Workshop	Advanced Design System	07.02.2015	DGCT,Salem	Participated
8	Mr.M.Hemakumar	Workshop	Advanced Design System	07.02.2015	DGCT,Salem	Participated

9	Ms.G.Nagalalli	Workshop	Advanced Design System	07.02.2015	DGCT,Salem	Participated
10	Ms.GayathiriHaridas	Workshop	Advanced Design System	07.02.2015	DGCT,Salem	Participated
11	Ms.K.Shanmugapriya	Workshop	Advanced Design System	07.02.2015	DGCT,Salem	Participated
12	Ms.P.Rubini	Workshop	Advanced Design System	07.02.2015	DGCT,Salem	Participated
13	Mr.S.Boopathy	Workshop	Advanced Design System	07.02.2015	DGCT,Salem	Participated
14	Ms.V.Vanathe	Workshop	Advanced Design System	07.02.2015	DGCT,Salem	Participated

### Faculty Participation in International Conferences

S.No	Name of the Faculty	Title of Conferences	Title of Paper	Date	Venue
1	Dr.M.Sumathi	International conference on Transformation in Engineering Education(ICTIEE'15)	A Perspective of Experimental Learning Approach	05-01-2015	BMS College of Engineering
2	Ms.S.Sridevi	International conference on Transformation in Engineering Education(ICTIEE'15)	A Perspective of Experimental Learning Approach	05-01-2015	BMS College of Engineering
3	Dr.S.Venkatesh	International conference on Transformation in Engineering Education(ICTIEE'15)	OBE for Affiliated Institutions	08-01-2015	BMS College of Engineering
4	Dr.M.Sumathi	International conference on Transformation in Engineering Education(ICTIEE'15)	OBE for Affiliated Institutions	08-01-2015	BMS College of Engineering
5	Mrs.GayathiriHaridass	International conference on Trends in Technology for Convergence (TITCON'15)	Prevention for Heart attack and Blood Monitoring System	10-01-2015	AVS Engineering College

## Faculty Participation in National Conferences

S.No	Name of the Faculty	Title of Conferences	Title of paper	Date
1	Mrs.S.Sridevi	National conference on Engineering applications for developing smart cities	Generalized Ant colony algorithm for edge detection in Ultrasound images	2015
2	Ms.S.Nirmaladevi	National conference on Engineering applications for developing smart cities	Generalized Ant colony algorithm for edge detection in Ultrasound images	2015
3	Ms.S.Nirmaladevi	National conference on Modern Embedded and Communication Systems	Implementation of Efficient Nikhilamvedic multiplier in FIR filters	2015
4	Mrs.GayathriHaridass	National conference on Xtreme Engineering and Technological advancements	Privacy protected data Encryption and Decryption algorithm for data security in cloud System	2015

## Industrial Visits- Student

NAME OF INDUSTRY	PLACE	YEAR	NO. OF STUDENTS	NO. OF FACULTY ACCOMPANIED
JVS Electronics PVT. Ltd	Bangalore	2014	98	6
Southern Railways	Coimbatore	2014	68	4
Electrical Systems, Black Thunder Ltd	Mettupalayam	2014	70	4
Electrical Systems, Wonderla Holidays Private Limited.	Bangalore	2015	77	4
GSV Microtech	Chennai	2015	45	2

## Industry Awards for Student Projects

S.NO	DATE	NAME OF THE STUDENT	YEAR& SEC	TITLE	NAME OF THE EVENT	PRESENTED/ PARTICIPATED/ AWARDED
1	14.11.2014	S.Ambrose V.Arul J.S.Dinesh M.Jawahar	III/A	First aid kit for heart attack monitoring and regulation using wireless network	Texas instruments Innovation Challenge India Design Contest 2015	Short listed for quarter final
2	14.11.2014	J.Vinoth V. Prabhu G.V.Swathipriya M.Lohith	IV/III/A/B	Communication Through glowing hotspot	Texas instruments Innovation Challenge India Design Contest 2015	Short listed for quarter final
3	14.11.2014	R.Pradhap S.Vigneswaran P.Murugasamy	IV/B	Modern digital eye based assisting device for visually challenged persons	Texas instruments Innovation Challenge India Design Contest 2015	Short listed for quarter final
4	14.11.2014	S.Sreejith S.Santhakumar B.Prabakaran M.Nagarani A.P.Nandhini	III/C/B	Automation of Irrigation system	Texas instruments Innovation Challenge India Design Contest 2015	Short listed for quarter final

## Placement Details

S.No.	Name of the Student	Name of the Company	Designation
1	Sumithra. V	Coromandal	Apprenticeship Trainee
2	Guru Prasath. N	Coromandal	Apprenticeship Trainee
3	Sumathi. S	Coromandal	Apprenticeship Trainee
4	Muruganandham. S	Coromandal	Apprenticeship Trainee
5	Srinivasan.S	Flocks	BDE
6	Geethanjali. S	Tata BSS Ltd.	Customer Care Executive-Operations
7	Ganeshan.E	Slon Systems	Customer supportive Executive

S.No.	Name of the Student	Name of the Company	Designation
8	Baskaran.P	Slon Systems	Customer supportive Executive
9	Mahesvaran.T	Slon Systems	Customer supportive Executive
10	Manivannan. P	Tata BSS Ltd.	Customer Care Executive-Operations
11	Girija. A	Tata BSS Ltd.	Customer Care Executive-Operations
12	Praveen.R	Tata BSS Ltd.	Customer Care Executive-Operations
13	Saran. U	Tata BSS Ltd.	Customer Care Executive-Operations
14	Vinoth. J	Tata BSS Ltd.	Customer Care Executive-Operations
15	Prakash. M	Tata BSS Ltd.	Customer Care Executive-Operations
16	Ramya. M	Kiruthika Industries	Trainee Engineer
17	Suganya. M	HARVEST Future Consultants	Business Consultants
18	Salman. N. S	Kiruthika Industries	Trainee Engineer
19	Mohaideen Abdul KadharJailani. M	Gemini Commn.	Field Service Engineer
20	Prabu. V	Gemini Commn.	Field Service Engineer
21	Yuvaraj. J	HARVEST Future Consultants	Business Consultants
22	Venkatesh Raj. H	HARVEST Future Consultants	Business Consultants
23	Pradhap. R	Tata BSS Ltd.	Customer Care Executive-Operations
		Slon Systems	Customer supportive Executive
24	Praveen Kumar. R	Tata BSS Ltd.	Customer Care Executive-Operations
		Slon Systems	Customer supportive Executive
25	Narayanan. K	Matrix Power Control	Trainee Engineer
		Coromandal	Apprenticeship Trainee
26	Ashok Kumar. E	Tata BSS Ltd.	Customer Care Executive-Operations
		Coromandal	Apprenticeship Trainee
27	Prakash. R	Matrix Power Control	Trainee Engineer
		Coromandal	Apprenticeship Trainee

S.No	Name of the Student	Name of the Company	Designation
28	Praveen. S	Tata BSS Ltd.	Customer Care Executive-Operations
		Coromandal	Apprenticeship Trainee
29	Murugasamy. P	Tata BSS Ltd.	Customer Care Executive-Operations
		Slon Systems	Customer supportive Executive
30	Sathyaseelan. M	Tata BSS Ltd.	Customer Care Executive-Operations
		Slon Systems	Customer supportive Executive
31	Prakasham. R	Tata BSS Ltd.	Customer Care Executive-Operations
		Flocks	BDE
32	Jeevanandham. K	Gemini Commn.	Field Service Engineer
		Flocks	BDE
33	Uma. J	Tata BSS Ltd.	Customer Care Executive-Operations
		Flocks	BDE
34	Vigneshwaran. S	Coromandal	Apprenticeship Trainee
		Slon Systems	Customer supportive Executive
35	Sarathi. P	Matrix Power Control	Trainee Engineer
		Slon Systems	Customer supportive Executive
36	Sriramprasath. S	Tata BSS Ltd.	Customer Care Executive-Operations
		Asec international	Graduate Trainee Engineer
37	Balaji. S	Tata BSS Ltd.	Customer Care Executive-Operations
		Matrix Power Control	Trainee Engineer
38	Saranya. K	QUSCIENT ITES	Process Associate Trainee
		Tata BSS Ltd.	Customer Care Executive-Operations
39	Mani. S	Kiruthika Industries	Trainee Engineer
		Tata BSS Ltd.	Customer Care Executive-Operations
40	Gayathiri. T	QUSCIENT ITES	Process Associate Trainee
		Tata BSS Ltd.	Customer Care Executive-Operations

S. No	Name of the Student	Name of the Company	Designation
41	Karthikeyan. B	Gemini Commn.	Field Service Engineer
		Tata BSS Ltd.	Customer Care Executive-Operations
42	Brummaha. K. N	Gemini Commn.	Field Service Engineer
		Tata BSS Ltd.	Customer Care Executive-Operations
43	Mohamed Ibrahim. M	Kiruthika Industries	Trainee Engineer
		Tata BSS Ltd.	Customer Care Executive-Operations
44	Praveenkumar. C. M	Tata BSS Ltd.	Customer Care Executive-Operations
		HARVEST Future Consultants	Business Consultants
45	Rajakumar. J. R	HARVEST Future Consultants	Business Consultants
		Tata BSS Ltd.	Customer Care Executive-Operations
46	Rathinasabapathi. V	HARVEST Future Consultants	Business Consultants
		Kiruthika Industries	Trainee Engineer
47	Vijay. P	Gemini Commn.	Field Service Engineer
		Tata BSS Ltd.	Customer Care Executive-Operations
		Slon Systems	Customer supportive Executive
48	Sundar. C	Tata BSS Ltd.	Customer Care Executive-Operations
		Asec international	Graduate Trainee Engineer
		Slon Systems	Customer supportive Executive
49	Mohammed Yasar. A	Tata BSS Ltd.	Customer Care Executive-Operations
		HARVEST Future Consultants	Business Consultants
		Tata BSS Ltd.	Associate(Training)
50	Sowmiya . S	QUSCIENT ITES	Process Associate Trainee
		Kiruthika Industries	Trainee Engineer
		Tata BSS Ltd.	Customer Care Executive-Operations
51	Gokul. V	QUSCIENT ITES	Process Associate Trainee
		Tata BSS Ltd.	Customer Care Executive-Operations
		HARVEST Future Consultants	Business Consultants

S.No	Name of the Student	Name of the Company	Designation
52	Ramprasath. A. V	QUSCIENT ITES	Process Associate Trainee
		COGNIZANT Technologies	Programmer Analyst Trainee
		Tata BSS Ltd.	Customer Care Executive-Operations
53	Srinivasan. R	Kiruthika Industries	Trainee Engineer
		Gemini Commn.	Field Service Engineer
		Tata BSS Ltd.	Customer Care Executive-Operations
		Asec international	Graduate Trainee Engineer
54	Swathipriya. G. V	QUSCIENT ITES	Process Associate Trainee
		MILAGROW	Technical Service Executive
		ACCENTURE	Software Engineer Associate
		HARVEST Future Consultants	Business Consultants
		Aricent	Graduate Trainee
		FACE	Associate(Training)