



All India Shri Shivaji Memorial Society's,  
**INSTITUTE OF INFORMATION TECHNOLOGY, Pune**

**DEPARTMENT OF  
ELECTRONICS AND TELECOMMUNICATION  
NEWSLETTER**

**VOLUME 04**

**ISSUE 02**

**August 2016**

- **Vision of E&TC Department**

To provide quality education in electronics & telecommunication engineering with professional ethics.

- **Mission of E&TC Department**

To develop technical competency, ethics for professional growth and a sense of social responsibility among students.

**PROGRAMME EDUCATIONAL OBJECTIVES**

- I. To provide students with solid foundation in mathematics and fundamentals of Electronics and Telecommunication Engineering.
- II. To prepare students to analyze and solve real life problems
- III. To inculcate professional and ethical attitude and good communication skills among students
- IV. To develop social awareness among students

**PROGRAMME OUTCOMES**

- a. Graduate will be able to apply knowledge of mathematics, science, electronics and telecommunication engineering subjects.
- b. Graduate will be able to identify, formulate and solve electronics and telecommunication engineering problems.
- c. Graduate will be able to design, develop and fabricate electronics and telecommunication systems.
- d. Graduate will be able to use engineering knowledge and methods to conduct experiments, analyze and interpret data of electronics and telecommunication systems.
- e. Graduate will be able to use modern engineering tools.
- f. Graduate will be a socially responsible individual who will be able to solve social issues relevant to the professional engineering practice.
- g. Graduate will be able to show impact of engineering solutions on the society.
- h. Graduate will be able to demonstrate knowledge of professional and ethical responsibilities.
- i. Graduate will be able to work effectively as an individual and as a member of team on multidisciplinary projects and problems.
- j. Graduate will be able to communicate effectively in both verbal and written form.
- k. Graduate will be able to develop project management skills.
- l. Graduate will be able to develop ability for lifelong learning.

## Class Toppers (2015-16) SEM II

**Congratulations!!!**

### BE-A

Sr.no	Name of students	Percentage
1	Abhijit Phadake	77.53
2	Dhongade Amol	76.40
3	Mohit Hirpara	76.33

### BE-B

Sr.No	Name of students	Percentage
1	Bajoriya Aishwarya	78.6
2	Gadage Monika	78.43
3	Suji A.	78.13

### TE-A

Sr.No	Name of students	Percentage
1	Vignesh Marathe	74.00
2	Attar Samina	72.40
3	Abhang Prajakta	68.00

### TE -B

Sr.No	Name of students	Percentage
1	Soumdeep Dhar	71.73
2	Sahil Dhumavat	71.27
3	Akshay Wadatkar	69.13

### TE – C

Sr.no	Name of Students	Percentage
1	Shraddha Diwanji	72.00
2	Saurabh Khot	71.86
3	Disha Sonawane	70.53

### SE -A

Sr.no	Name of Students	Percentage
1	Rutuja Kshirsagar	76.6
2	Aarti Bambare	72.13
3	Garima Tiwari	69.93

### SE -B

Sr.no	Name of Students	Percentage
1	Gauri Panasare	71.00
2	Nitisha Kaul	68.60
3	Samreen Shaikh	66.00

### SE -C

Sr.no	Name of Students	Percentage
1	Tushar Rewatkar	66.60
2	Dhanashree Ghate	65.00
3	Shubham Mittal	61.80

## STUDENTS ACHIEVEMENTS

### 1. Technical Contest Winner

Sr. No	Participation Details	Description of Contest	Date	Award/ Prizes
1.	Aparna kalpund	13 <sup>th</sup> ISTE Maharashtra – Goa state level students convention(Robotricks)	22- 23/12/2015	State level
2.	Ankita pawar Athira pillai Akash pawar Nikhil nimgaokar Deepthi nair Ashutosh Panwalkar	13 <sup>th</sup> ISTE Maharashtra – Goa state level students convention(Quiz)	22- 23/12/2015	State level
3.	Pankaja kalegore Pratyush kumar Nishigandha gujar Sayali waykar	13 <sup>th</sup> ISTE Maharashtra – Goa state level students convention(C coding)	22- 23/12/2015	State level
4.	ChitaleVaru	Mind Spark 15 COEP,Pune(Javaholic)	25 <sup>th</sup> - 30 <sup>th</sup> /12/2015	Inter College
5.	AshutoshPanwalkar Pratik kathwate Akash pawar	CREDENZ 15, PICT Pune. Circuit making	Dec 2015	Inter College
6.	Viraj adsule Omkar jagtap	CREDENZ 15, PICT Pune. Quiz	Dec 2015	Inter College
7.	SanketNadkarni	MIT Arohan, The cultural fest 6- A side football	7 <sup>th</sup> - 9 <sup>th</sup> /01/2016	Inter College
8.	SanketNadkarni	Techfest 2015-16, IIT Bombay Web development	26 <sup>th</sup> - 28 <sup>th</sup> /12/2015	Inter College

9.	Ravikumar jadhav Pratyush kumar Jayashri pandit Aruna kumbhar Chhaya Metkari Ashwini shinde Pankaja kalegore Athira pillai	Microchip PIC Architectural Training by Logic power	16 <sup>th</sup> -18 <sup>th</sup> dec 2015	
----	---	---	--	--

### **STUDENTS ACHIEVEMENTS**

#### **3. Cultural Event/Contest Winner:**

<b>Sr. No</b>	<b>Participants</b>	<b>Contest &amp; Venue</b>	<b>Level</b>	<b>Title</b>	<b>Date</b>	<b>Award/ Prizes</b>
1.	Deepti nair Sampada bhosale	National talent hunt maruti Suzuki colors of youth season 5 Dancing		Dance	Jan 2016	
2.	Ashutosh panwalkar	National talent hunt maruti Suzuki colors of youth season 5 Singing		Singing	Jan 2016	
3.	Ankita pawar Akash pawar Safoora naaz Nishigandha gujar	Intercollege flash mob competition		Dance	Jan 2016	
4.		Alacrity 2015 AISSMS,IOIT		Naikl Arts		
5.		Alacrity 2015 AISSMS,IOIT		Glitterati(Fashion Show)		

## STUDENTS ACHIEVEMENTS

### 4. Paper Publication:

Sr. No.	Title of Paper	Name of Authors	Event Details (Name of event and organiser)	Level	Date DD/MM/YYYY
1	Advanced LPG Gas Monitoring and Distribution System	Viraj Adsule Jivan Pandit Rahul Karpe	IJAERD (ISSN: 2348-4470)	International	4 <sup>th</sup> April 2016
2	Steganography Technique Used for Military Application	Abhaya Badambe Yogita Bagal Poonam Khade	IJAERD (ISSN: 2348-4470)	International	3 <sup>rd</sup> April 2016
3	RFID Based Prepaid Automatic Fare System for Public Transport	RAvikumar Jadhav Ashwini Sakinal Sapana Shirsath	IJAERD (ISSN: 2348-4470)	International	May 2016
4	RFID Based Health Card for Doctors to Access Patient History	Snehal PATil MAyuri Mujal Jayashree Pandit	IJAERD (ISSN: 2348-4470)	International	4 <sup>th</sup> April 2016
5	Human Detect ion Using 3D Virtual Glove Robot	Parkale Prajata Pharkute Shraddha Waghmare Neha	IJEDR (ISSN: 2321-9939)	International	1 <sup>st</sup> March 2016
6	Fingerprint Based Wireless Attendance System Using Zib-Bee	Navin Dhule Heena Shaikh Kirti Sodanwar	IJAERD (ISSN: 2348-4470)	International	April 2016
7	Adaptive Cruise Control Collision Warning With Brake Support	Mayuri Shelke Soniya Chabukswar Vrushali Jagadale	IJAERD (ISSN: 2348-4470)	International	May 2016
8	RFID Based Call Centre Employee Tracking and Security System	Arshiya Zikre Ankita Singh	IJAERD (ISSN: 2348-4470)	International	May 2016
9	License Plate Detection System for Parking in Malls	M.Duga Priyanka Degaonkar	IJIRCCE (ISSN:2320-9801)	International	April 2016
10	Detection of Bone Cancer Using Image Processing	Snehal Walke	IJAES	International	May 2016
11	Smart Eco-Friendly Bus Wireless Power Transformation Principle	Kalyani Chaudhari Pratik Kathwate Akansha Lad	IJSRRET (ISSN:2455-3603)	International	June 2016

12	Digital Notice Board with GLCD Using Wireless Technology	Ashutosh Panwalkar Pratyush Kumar Nikhil Nimgaonkar	IJAERD (ISSN:2348-4470)	International	March 2016
13	Multi Parameter Datalogger for Greenhouse Using Zig-	Ajinkya Jagatap Prerna Shirpurkar Akshata Panasare	IJAERD (ISSN:2348-4470)	International	March 2016
14	Smart Irrigation Control Using GSM Technology	Ashwini Shinde Aruna Kumbhar Chhaya Metkari	IJAERD (ISSN:2348-4470)	International	May 2016
15	Real time Vehicle Tracking on Google Earth Using Wireless Technology	Pankaja Kalegore Deepthi Nair Athira Pillai	IJAERD (ISSN:2348-4470)	International	March 2016

## **STAFF ACHIEVEMENTS**

### **A) Paper Presented in the journal/conference**

<b>Staff Name</b>	<b>Journals/Conference</b>	<b>Name of Paper</b>	<b>Date</b>
Mrs. Geeta D. Salunke	International Journal of Advance Engineering and Research Development (IJAERD)	Adaptive Cruise Control Collision Warning with Brake Support	May-16
Mrs. Geeta D. Salunke	International Journal of Advance Engineering and Research Development (IJAERD)	Fingerprint Based Wireless Attendance System Using Zig-Bee	Apr-16
Dr. V K Bairagi	Advances in Signal Processing and Intelligent Recognition Systems	Analysis of Inspiratory Muscle of Respiration in COPD Patients	Dec-15
Dr. V K Bairagi	Advances in Signal Processing and Intelligent Recognition Systems	Analysis of Inspiratory Muscle of Respiration in COPD Patients	Dec-15
Supriya Lohar	International journal of advanced engineering Volumn 3,issue 3 pages 781-787	Advanced navigator & monitoring system for fisherman e-ISSN(O): 2348-4470 p-ISSN(P): 2348-6406	March 16
Deepali Yewale	International Journal of Advance Engineering and Research Development (IJAERD)	RFID Based Prepaid Automatic Fare System for Public Transport	May-16
Deepali Yewale	International journal of advanced engineering and Research Development Volumn 3,issue 4	RFID Based Health Card For Doctors To Access Patient History e-ISSN(O): 2348-4470 p-ISSN(P): 2348-6406	April`16
Deepali Yewale	International journal of advanced engineering and Research Development Volumn 3,issue 4	Stegnography Technique Used for Military Appication e-ISSN(O): 2348-4470 p-ISSN(P): 2348-6406	March 16
Deepali Yewale	International Journal of Advance Engineering and Research Development (IJAERD)	Advanced LPG Gas Monitoring and Distribution System	April`16

Deepali Yewale	International Journal of Advance Engineering and Research Development (IAERD)	RFID Based Health Card for Doctors to Access Patient History	March 16
Mamta Wanjre	International journal of advanced engineering and Research Development Volumn 3,issue	Multi Parameter Datalogger for greenhouse using zig bee e-ISSN(O): 2348-4470 p-ISSN(P): 2348-6406	March 16
Mamta Wanjre	International journal of advanced engineering and Research Development Volumn 3,issue 3, pages 700-703	Digital notice board with GLCD using wireless technology e-ISSN(O): 2348-4470 p-ISSN(P): 2348-6406	March 16
Mamta Wanjre	International journal of advanced engineering and Research Development Volumn 3,issue 3	Real time vehicle tracking on Google earth using wireless technology e-ISSN(O): 2348-4470 p-ISSN(P): 2348-6406	March 16
Mamta Wanjre	International journal of advanced engineering and Research Development Volumn 3,issue 3	Smart Irrigation control using GSM Technology	May-16

### **STAFF ACHIEVEMENTS**

#### **B) Books Published**

<b>Staff Name</b>	<b>Book Published</b>	<b>Name of Publisher</b>	<b>Edition</b>
Venkat N Ghodke	Audio and Video Engineering	Technical	First Edition
Mr. Sachin Kokane	Integrated Circuits	Success Publications	First Edition
Mr. Vikas Desai	Microprocessors and Interfacing Techniques	Success Publications	First Edition



## STTP-Workshop-Seminar-Conference Attended By Staff

<b>Academic year 2015-16 SEM II</b>					
<b>Sr. no</b>	<b>Workshop attended</b>	<b>No. of days</b>	<b>Date</b>	<b>Name of faculty</b>	<b>Arranged by</b>
1.	FDP BE Wireless Network	01	09/01/2016	Mr. C. K. Bhange	BVCOE,Pune BOS, SPPU
2.	FDP BE Mobile Communication	01	09/01/2016	Mrs. R. V. Kulkarni	RSCOE, Tathawade,Pune BOS, SPPU
3.	FDP BE Mobile Communication	01	09/01/2016	Ms. S. V. Redekar	RSCOE, Tathawade,Pune BOS, SPPU
4.	FDP BE Broadband Communication	01	09/01/2016	Ms. V.V. Deshmukh	SKN, Pune BOS, SPPU
5.	FDP BE Broadband Communication	01	09/01/2016	Ms. P.D. Deosarkar	SKN, Pune BOS, SPPU
6.	FDP BE Audio Video Engineering	01	09/01/2016	Mrs. H. D. Shinde	Dr. D.Y. Patil, Pimpri-Pune BOS, SPPU
7.	FDP BE Audio Video Engineering	01	09/01/2016	Ms. A.S. Pathak	Dr. D.Y. Patil, Pimpri-Pune BOS, SPPU
8.	National Instruments Technical Syposium 15	01	2/12/15	Ms. Supriya Lohar	National Instruments
9.	National Instruments Technical Syposium 15	01	2/12/15	Ms. Mamata Wanjre	National Instruments
10.	National Instruments Technical Syposium 15	01	2/12/15	Mrs. D. M. Yewale	National Instruments
11.	Workshop on'Naturopathy & Yoga Awwaress Programme	01	8/12/15	All Staff	Naturopathy
12.	Mentor Development Programme	02	28/01/16- 29/01/16	Ms. Supriya Lohar	Bharatiya Yuva Shakti Trust
13.	RF And Microwave	01	10/3/15	Mrs. D. M. Yewale	National Instruments
14.	Seminar On Smart Machines	01	17/3/15	Mrs. D. M. Yewale	National Instruments
15.	Special Camp of NSS	01	04/12/15	Sachin Kokane	SPPU
16.	Pre Audit of NSS	01	10/03/16	Sachin Kokane	SPPU
17.	Research Methodology & NS2 Simulator	5 days	29/11/15- 03/12/15	V.V. Deshmukh P.D. Deosarkar Rupa V. Kulkarni S.V. Redekar T.Y. Zope S.R. Pawar Nilesh Kale	Dr. V. K.Bairagi Ph.D Cell AISSMS IOIT

## **Guest Lecture-Workshop-Seminar Industrial Visit-Socail Visit for Students**

### **1. Guest Lectures:**

<b>Sr. No.</b>	<b>Module Description (Guest lectures)</b>	<b>Any other contributory institute/ industry</b>	<b>Duration</b>	<b>Resource Person</b>	<b>Date</b>
1.	Industry Institution Interaction	Logic Power pvt. ltd	01 day	Mr. Prashant Shirpurkar	15/01/2016
2.	Trends in TV Broadcasting for BE	Duridarshan Kendra Pune.	01 day	Mr. Ashok Kale	28/1/2016
3.	Guest Lecture on Control System for SE (A)	Omron Automation,Pune	01 day	Mr. Siddharth Kamble	2/4/2016
4.	Information Theory & Coding Techniques for TE (B)	Army Institute Of Technology	01 day	Dr. G. R. Patil	23/3/2016
5.	OOPs Java Programming for SE	3DPLM Software Solutions Ltd, Pune	01 day	Mr. Dhruv Dwivedi	19/3/2016

### **2. Workshop:**

<b>Sr. No</b>	<b>Module Description</b>	<b>Any other contributory institute/ industry</b>	<b>Duration</b>	<b>Resource Person</b>	<b>Date</b>
1	Workshop on Diptrace	Logic Power pvt. Ltd.	1 day	Mr.PrashantShirpurkar	11/1/2016
2.	Sky Grazing	IUCAA	1 day	TusharPurohit	22/3/2016
3.	Hands on Training on Cortex based controller	EDUTECH	1 day	Mr.ChintanKhanbojiya	31/3/2016
4	3 days Microchip Workshop for BE	Logic Power pvt. Ltd.	2 days	Mr. Pramod Chouvan, and team,	16/12/15 to 18/12/15
5	National Level workshop on Hands on Training using Open Source Software for Signal Processing & Building Embedded Sytem		5 days		24/02/16-28/02/16
6	BE Project Competition	---	1 day	---	31/3/2016

7	Poster Competition	----	1 day	----	8/02/16
8	OOPs- C++ & Java Programming	---	1 day	D. R. Dwivedi, 3D PLM Software Solutions	19/03/16

### **Guest Lecture-Workshop-Seminar Industrial Visit-Socail Visit for Students**

#### **4. Industrial Visit:**

<b>Sr. No.</b>	<b>Module Description</b>	<b>Any other contributory institute/ industry</b>	<b>Duration</b>	<b>Resource Person</b>	<b>Date</b>
1.	Broadband Communication system & Networking, Embedded Systems	Wireless Police Station, Pashan Road Pune	01 day	Deputy Director Wireless Police Station Department	21/03/16
2.	Audio Video Engineering	Seamedu Studio, Baner	02 day	Prabhat Ranjan, Baner	17,18/03/16
3.	Mobile Communication	BSNL Exchange, Karvenagar	03 day	Sharad Jadhav, Developer Engineer BSNL	4,5,6/02/16
4.	Analog Communication SE(C)	GMRT	01 day	Siddharth M.	15/01/16
5.	Analog Communication SE(A,B)	GMRT	01 day	Siddharth M.	08/01/16

## 5. Social Visit:

Sr. No.	Module Description	Any other contributory institute/ industry	Duration	Resource Person	Date
1	Stress management workshop	National institute of Naturopathy	01 day	Dr. Satya Lakshmi	8/12/15
2	Bal Kalyan sanstha visit	Bal Kalyan sanstha	01 day	Mrs. Minetta Paatil, Executive officer	21/03/16
3	Matoshri Vruddhashram, Singhad Road	Matoshri Vruddhashram	01 day		10/02/16
4	Prajakta Muk Badhir School, Supe NSS Camp at Kasegaon	Prajakta Muk Badhir School,	01 day		28/12/15
5	Social visit at Narhe	Social visit at Narhe	01 day		28/12/16

# **PHOTO GALLERY**



Diptrace workshop by logic power for TE 11/1/16



Microchip Workshop for BE project sponsored students conducted by Mr. Pramod Chauvan and Team on 16/12/15 to 18/12/15



Social visit:SE (A, B):Matoshri Vradhashram,Pune on 10/2/16



Social Visit at Prajakta Muk Badhir School, Supe as on 28/12/15





Social visit at Naturopathy, Pune on 8/12/2015



NSS Camp organized at Kusegoan Visited by E&TC Dept as on 28/12/15



Industrial visit to Wireless Police Station - (BE) on 22/03/16



Industrial visit at BSNL-(BE) on 03/02/16



Industrial Visit at GMRT for SE (A,B) on 08/01/16



Industrial visit at Locoshed of Central railway on 07/01/2016

# **PHOTO GALLERY**



National level SPPU sponsored workshop on "Hands on training on open source softwares for signal processing and building embedded systems" on 24/02/16 to 29/02/16.



Workshop arranged by IUCAA – 22/03/16 at 7.30 Pm organized V. V. Deshmukh, P.D.Deosarkar, S.V.Redekar

## **Editorial Team:**

**Prof. Deepali Yewale**

**Harshal Gothankar**

**Pawan Kumar**

**Monish Khandelwar**







All India Shri Shivaji Memorial Society's,  
**INSTITUTE OF INFORMATION TECHNOLOGY, Pune**

**DEPARTMENT OF  
ELECTRONICS AND TELECOMMUNICATION  
NEWSLETTER**

**VOLUME 05**

**ISSUE 02**

**February 2017**

- **Vision of E&TC Department**

To provide quality education in electronics & telecommunication engineering with professional ethics.

- **Mission of E&TC Department**

To develop technical competency, ethics for professional growth and a sense of social responsibility among students.

**PROGRAMME EDUCATIONAL OBJECTIVES**

1. To provide students with solid foundation in mathematics and fundamentals of Electronics and Telecommunication Engineering.
2. To prepare students to analyze and solve real life problems
3. To inculcate professional and ethical attitude and good communication skills among students
4. To develop social awareness among students

**PROGRAMME OUTCOMES**

**Graduates will be able to**

PO1. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems. **[Engineering knowledge]**

PO2. Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences. **[Problem analysis]**

PO3. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. **[Design/development of solutions]**

PO4. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. **[Conduct investigations of complex problems]**

PO5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations. **[Modern tool usage]**

PO6. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice. **[The engineer and society]**

PO7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. **[Environment and sustainability]**

PO8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. **[Ethics]**

PO9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. **[Individual and team work]**

PO10. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. **[Communication]**

PO11. Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. **[Project management and finance]**

PO12. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. **[Life-long learning]**

### Program Specific Outcomes

- 1. PSO1: Professional Skills:** An ability to apply the fundamental concepts in E&TC Engineering to various areas such as advanced communications, Analog and Digital Electronics.
- 2. PSO2: Problem Solving Skills:** To demonstrate profound knowledge in Microcontroller, VLSI and Signal Processing with modern engineering tools to solve real life problems.
- 3. PSO3: Employability and Career development Skills:** To develop social awareness along with ethical responsibility for career building and employability through industry oriented mini and major projects, industrial visit, seminars, workshops, internship and social visit.

### Class Toppers (2016-17) SEM I

**Congratulations!!!**

#### BE-A

Sr.no	Name of students	Percentage
1	Marathe Vighnesh Vivek	77.4667
2	Attar Samina Akbar	75.4667
3	Adkar Aishwarya Sunil	72.8

#### BE-B

Sr.No	Name of students	Percentage
1	Dhumavat Sahil	79.33
2	Shejul Snehal	76.67
3	Soumadeep Dhar	76.13

#### BE-C

Sr.No	Name of students	Percentage
1	Sonawane Disha	75.73
2	Saurabh Khot	74.53
3	Diwanji Shraddha	74.13

### **TE-A**

Sr.No	Name of students	Percentage
1	Garima Tiwari	73.07
2	Rutuja Kshirsagar	71.47
3	Arti Banbare	70.53

### **TE – C**

Sr.no	Name of Students	Percentage
1	Dhanshree Ghate	69.07
2	Shubham Mittal	66.67
3	Tushar Rewatkar	62

### **SE -B**

Sr.no	Name of Students	C.G.P.A.
1	Satras Megha Ravindra	8.8
2	Sakunde Shraddha Madhukar	8.48
2	Pawar Dinesh Digambar	8.48
3	Thorve Shrutika Hitendra	7.88

### **TE -B**

Sr.No	Name of students	Percentage
1	Damini Dhangar .A	70.28
2	Kanchan Sali	68.93
3	Tamanna Shaha .P	68.53

### **SE -A**

Sr.no	Name of Students	C.G.P.A.
1	Danish Kanubhai Joshi	8.22
2	KaleYash	8
3	Ghavane Sumit Sunil	8

### **SE -C**

Sr.no	Name of Students	C.G.P.A.
1	AjinkyaPasalkar	8.8
2.	Dwarkunde Ajay	7.04

## **STUDENTS ACHIEVEMENTS**

### **1. Placement**

<b>Sr.No</b>	<b>Name Of the Students</b>	<b>Department</b>	<b>Name Of Company</b>
1	Samina Attar	E&TC	Tech Mahindra
2	Jasmeeth Singh	E&TC	Tech Mahindra
3	MeghanaPardeshi	E&TC	Tech Mahindra
4	AdkarAiashwarya	E&TC	Amazon Development Centre (India) Private Limited
5	MrudulaSidheshwar	E&TC	Amazon Development Centre (India) Private Limited
6	Sanskriti Kolpe	E&TC	Amazon Development Centre (India) Private Limited
7	SakshiMude	E&TC	Tech Mahindra
8	SoumdeepDhar	E&TC	Tech Mahindra
9	SantoshVarma	E&TC	Tech Mahindra
10	ShubhamRaina	E&TC	Amazon Development Centre (India) Private Limited
11	SaurabhSurendaran	E&TC	Amazon Development Centre (India) Private Limited

### **2. Industrial Training**

<b>Sr.No</b>	<b>Name Of the Company</b>	<b>Name Of the Students</b>	<b>Department</b>
1	Comdt and MD Army base workshop Kirkeepune	PoonamLohare	E&TC
2	Vishay Component India Pvt Ltd Pune	SanskritiKolpe	E&TC
3	ENAM Casting Pvt Ltd Pune	UmedaYeole	E&TC
4	HARMAN Connected services corpindiaPvt	ShubhamRaina	E&TC

### 3. Technical Contest Winner

Sr. No	Participation Details	Description of Contest	Date	Award/ Prizes
1.	Pallavi Majage Pratik	Mind Spark 15 COEP, Pune.	9th-11th October 2015- 16	1 <sup>st</sup> Prize Inter College
2.	Sagar Rathod Umair Yelurkar Robin Singh	ET-2015, AISSMS COE, Pune.	14 <sup>th</sup> -16 <sup>th</sup> sept 2015	2 <sup>nd</sup> Prize Inter College
3.	M. Durga Priyanka Degaonkar  Nishigandha Gujar Apurva Nikam Sayali Waykar	Project Competition for BE(E&TC Engineerng )Students	31/03/2016	<b>1st Prize</b> <b>Intra college</b>
4.	Ishita Gupta Chaitali Kadam Shreya Dumbre Swapnil Patil Yogesh Sharbidre Atul Gugale  Kathwate Pratik Chaudhari Kalyani Ankansa Lad Sukhada Keni			2 <sup>nd</sup> Prize Intra College
5.	Abhijit Phadake Shivani Shivale Mahesh Sonawane  Aparna Kalpund Sampada Bhosale Manisha Padghane			3 <sup>rd</sup> Prize Intra College

#### 4. Sports winner

Participants	Contest & Venue	Level	Title	Date	Award/ Prizes
PriyankaChormale	Veritas AISSMS,I OIT, Pune	Department	Chess	8th& 9th Sep 2016	1st
PriyankaManwar	Veritas AISSMS,I OIT, Pune	Department	Table Tennis	8th& 9th Sep 2016	1st
PrajaktaAbhang	Veritas AISSMS,I OIT, Pune	Department	Table Tennis	8th& 9th Sep 2016	2nd

### **STAFF ACHIEVEMENTS**

#### **A) Paper Presented in the journal/conference**

Name of the Teacher/author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & pages	Year of Publication	ISBN/ISSN No.
S. B. Dhonde, AmolChaudhari, S. M. Jagade	Integration of Mel-frequency Cepstral Coefficients with Log Energy and Temporal Derivatives for Text-Independent Speaker Identification	Proceedings of the International Conference on Data Engineering and Communication Technology	Volume 468, Pages 791-797	24 August 2016	ISBN 978-981-10-1674-5  ISSN 2194-5357
V.N.Ghodke	Environmental Monitoring Using IoT Application for WSN Platform	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING		2016	ISSN(Online): 2320-9801 ISSN (Print): 2320-9798

V.N.Ghodke	Improvement in the Advanced Encryption Standard Algorithm in Term of Low Area and Power Consumption by using FPGA	International Journal of Science and Research (IJSR)		2016	ISSN (Online): 2319-7064
V.N.Ghodke	Ardunio Based Security and Safety using GSM as Fault Alert System for BTS (Base Transceiver Station)	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING		2016	ISSN (Online) 2278-1021 ISSN (Print) 2319-5940
Dr V K Bairagi	Extracting Salient Features for EEG based Diagnosis of Alzheimer Disease Using Support Vector Machine Classifier	Taylor and Francis - Journal of Research	2016, 10	2016	0974780X

### **STAFF ACHIEVEMENTS**

#### **B) Resource Person**

<b>Sr. No</b>	<b>Staff Name</b>	<b>Date &amp; Place</b>	<b>Details</b>
1	V.N.Ghodke	09/09/2016 AUSA Dist Latur	Visit and Delivered Expert Talk on Engg Admission Process at Shree Mukteshwar Junior College AUSA Dist Latur

#### **C) Research Grants Received**

<b>Sr. No.</b>	<b>Branch</b>	<b>Name of the Investigator(s)</b>	<b>Title of the Research Project/Scheme</b>	<b>Name of the funding Agency</b>	<b>Duration of the project/scheme</b>	<b>Amount Sanctioned (Rs.)</b>	<b>Major/ Minor</b>
1	E & TC	Dr.V.K Bairagi Mr.V.N.Ghodke	Early Diagnosis of Alzheimer Disease using EEG Signals	BCUD SPPU Pune	2 years	1.6 Lac	Minor

## **STTP-Workshop-Seminar-Conference Attended By Staff**

Sr. No.	Name of Staff	Event	Organized by	Date and Event
1.	G. D. Salunke	FDP	DYPCOE	9/6/2016-11/6/2016
2.	R.N. Jadhav	FDP on Raspberry Pi	PantechProEd and DYPCOE	7/6/2016-8/6/2016
3.	D. M. Yewale	FDP On EMIT	SPPU, Pune	9/6/2016-10/6/2016
4.	D. M. Yewale	Ansys convergence Conference 2016	Ansys	23/8/2016
5.	S.V. Redekar	Workshop on Future trends in CMOS VLSI Design	SPPU, Pune	30/8/2016
6.	D. M. Yewale	Workshop on Future trends in CMOS VLSI Design	SPPU, Pune	30/8/2016
7.	R. V. Kulkarni V.V. Deshmukh S.V. Redekar P.D. Deosarkar T.Y. Zope	Workshop On STRESS Management	BhagyashriSharangapani	6/6/2016-8/6/2016
8.	V.V. Deshmukh S.v. Redekar P.D. Deosarkar T.Y. Zope	Seminar National Instruments Technical Syposium – Control and Measurement systems	NI Bangalore	04/11/16
9.	T.Y.Zope	FDP on DSA	SPPU,Pune	9/6/2016-11/6/2016
10.	N.A. Deshmukh	FDP on DELD	SPPU ,Pune	17/6/16-18/6/16
11.	A.J.Maidamwar	FDP on SS	SPPU,Pune	9/6/2016-11/6/2016
12.	N.A. Deshmukh, A.J.Maidamwar Mr. S. R. Pawar Mr. R. N. Jadhav Mr. V. J. Desai Mr. S. R. Kokane	Workshop On STRESS Management	Bhagyashri Sharangapani	6/6/2016-8/6/2016
13.	S.S.Jagtap	One week CEP on Linear Algebra and some mathematical principles for electrical engg.	IIT Bombay	18/62016-22/6/2016
14.	Mr. S. R. Pawar	FDP on DE	SPPU	9/6/2016-11/6/2016
15.	Ms. P. D. Deosarkar	One week STTP on Design, Fabrication and Performance evaluation of Microwave Antennae	SPPU & IEEE ComSOC	21/11/2016-27/11/2016
16.	Mrs.A.S.Ubale	FDP on Network Simulator	SKN SIOT,Lonavala	7/10/16 to 11/10/16
17.	Mrs.H.B.Magar	FDP on Network Simulator	SKN SIOT,Lonavala	7/10/16 to 11/10/16
18.	Ms.S.O.Ahire	FDP on Network Simulator	SKN SIOT,Lonavala	7/10/16 to 11/10/16
19.	Mrs.A.S.Ubale	Workshop On Qualitative Research Methodology in Engineering	AISSMS IOIT Pune	3/8/16 to 4/8/16
20.	Mrs.H.B.Magar	Workshop On Qualitative Research Methodology in Engineering	AISSMS IOIT Pune	3/8/16 to 4/8/16
21.	Ms.S.O.Ahire	Workshop On Qualitative Research Methodology in Engineering	AISSMS IOIT Pune	3/8/16 to 4/8/16
22.	Mrs.S.P.Gopnarayan	Workshop On Qualitative Research Methodology in	AISSMS IOIT Pune	3/8/16 to 4/8/16



		Engineering		
23	Mrs.S.P.Gopnarayan	Workshop On Enterprenership Development	AISSMS POLYTECHNIC	16/8/16 to 30/8/16
24	V.N.Ghodke	Innovation 2016 Regional Research Conference	RSCOE Pune	(6-10-2016)
25	V.N.Ghodke	Keysight Automotive Electronics Testing Seminar	Keysight Technology	27-09-2016
26	V.N.Ghodke	Enterpreneurship Training Programme	BYST	(20-7-2016 to 22-7-2016
27	Mrs. M. P. Sardey	Elsevier Connect Seminar	Pride Hotel, Pune	29-11-2016
28	Mr.N.B.Kale	Test & Measurement Seminar PuneNational Instrument	Pride Hotel, Pune	12/8/16
29	Mamta Wanjre	FDP	MESCOE, Pune	09/06/2016 to 11/06/2016
30	Mamta Wanjre	workshop	Dr. Bhagyashree Stress management	6/06/2016 to 7/06/2016

## **Guest Lecture-Workshop-Seminar Industrial Visit-Socail Visit for Students**

### **1. Guest Lectures:**

Sr. No.	Date	Activity Details Topic	Speaker/ Judge	Organizer/ Staff Co coordinator / Student Coordinator
1	26/9/2016	PLC/SCADA	Sachin Kadam	G. D. Salunke, Rupa V. Kulkarni
2	13/9/2016	Fourier Series and its applications	Dr. D. G. Bhalke	Mr. A. A. Chaudhari Mr. S. R. Pawar Mr. S. S. Jagtap
3	21/9/2016	SPOS- File system w.r t .linux	Mrs.VishwanjaliGulumkar	ManishaDilipraoSonawane PriyankaDeosarkar AishwaryaPhatak
4	27/7/2016	EMIT	Mrs. ShilpaVaidya BY Prima Technology	Mrs. D. M. Yewale, Mr. V. N. Ghodke
5	27/9/2016	DSA	N.B.Bhosale	R. SadakaleT.Y.Zope
6	29/6/2016	Skill Development in Electronics	Mr. Sanjay Chaudhari	Prof. M.R.Wanjre. Mrs. N.A.Deshmukh, Ms. A.J.Maidamwar
7	02/09/2016	ASIC Design Flow	Mr. PriteshPawaskar	Prof. S. V. Redekar Prof. D. M. Yewale
8	30/09/2016	SMITH Chart & Applications	Mrs. S. M. Ingawale	Mr.N.B.Kale Mr. S. S. Jagatp Mr. R. N. Jadhav Mr. R. V. Sadakale
9	3/10/2016	SCADA and DCS	Mrs. Ingle	Mr. R. V. Sadakale Ms. S. O. Ahire Mrs. H. B. Magar
10	7/10/2016	Traffic management and Safety	Mr. Panthoji	Mr. R. V. Sadakale Mr. C. K. Bhange
11	29/09/16	Microcontroller &Its applications	Ms.SwetaPatil	A.S.Ubale H.B.Magar S.O.Ahire

12	19/09/16	Microwave engineering	Mr. Nilesh Wankhede	Ms. G.G. Kulkarni (BE A) Ms. A. S. Phatak (BE B) Mrs. H. D. Shinde (BE C)
13	7/07/16	Computer networks	Mr. Dinesh Marotkar	Ms. R. A. Thakare (BE B)
14	07/07/16	BSNL orientation	Mr. S. A. Jadhav	Ms. A. S. Phatak (TE A, B, C)
15	03/10/16	Machine Learning	Mr. Mandar Kulkarni	Mr. S.R. Kokane, Mr. R.N. Jadhav

## 2.

### Workshop:

Sr. No	Topic	Conducted by	Date
1	Project management Olympiad	V.N.Ghodke	25/07/16, 26/07/16 & 27/07/16
2	Demonstration of CRO & Spectrum Analyser by Cyronics Instrument Pvt Ltd pune	V.N.Ghodke	11/08/16
3	Workshop on Embedded system and robotics	V.K.Patil	5/12/16-12/12/16
4	Seminar on Skill Development in Electronics Industry for SE	Mr. Sanjay Chaudhari, Director Electronic Study Circle, Nasik	21/06/2016
5	Seminar on Skill Development in Electronics Industry for TE	Mr. Sanjay Chaudhari, Director Electronic Study Circle, Nasik	21/06/2016
6	3 Days workshop on Skill Development in Electronics Industry for SE	Mr. Sanjay Chaudhari, Director Electronic Study Circle, Nasik	24/08/2016 to 26/08/2016
7	3 Days ISTE sponsored workshop on Skill Development in Electronics Design for TE	1.Mr. Sanjay Joglekar, Director, KANND Institute, Sangli (SMPS Design) 2.Mr. Prashant Shirpurkar, Director, Logic Power, Pune (DAC Design)	30/08/2016 to 1/09/2016

## Guest Lecture-Workshop-Seminar Industrial Visit-Social Visit for Students

### 3. Industrial Visit:

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
1	14/9/2016	SE-A	CID Musium	30	G. D. Salunke Supriya Lohar Attended- A.S.Ubale S.O.Ahire
2	22/09/2016	TE-C	Suzlon Ahamednagar	50	Mr. M. M. Mulani Ms. Manisha Sonawane Attended by- S.P.Gopnarayan R.V.Sadakale N B Kale
3	27/08/2016	SE-A & B	Jayashree Electron Pvt Ltd, Bhosari	30	Rupa V. Kulkarni Vruishali V. Deshmukh Attended- H.B.Magar Priyanka Umap
4	27/08/2016	BE-A & B	Jayashree Electron Pvt Ltd, Bhosari	30	S.V. Redekar
5	27/08/2016	TE-A	Jayashree Electron Pvt Ltd, Bhosari	10	P. D. Deosarkar
6	26/09/2016	BE (A ) BE (B )	CDAC- University of Pune	100	Attended- Rupa V. Kulkarni Vruishali V. Deshmukh S.V. Redekar P. D. Deosarkar
7	11/08/2016	BE (C )	Yantra Automation PLC/SCADA	30	Attended- Prof. V. K. Patil Rupa V. Kulkarni Vruishali V. Deshmukh S.V. Redekar Manisha Sonawane N.B. Kale R.V. Sadakale A. A. Chaudhari A.S.Ubale H.B.Magar S.O.Ahire
8	02/08/2016	SE(A,B)	BAG Electronics	50	Attended- P. D. Deosarkar T. Y. Zope
9	14/9/2016	SE-B	CID Musium	30	T.Y.Zope
10	13/9/2016	TE-A	BAG Electronics	30	Prof.D.M.Yewale, Prof. M.R.Wanjre. Mrs. N.A.Deshmukh, Ms. A.J.Maidamwar
11	19/9/2016	TE-B	MAPRO	50	Mr.S.S.Jagtap Mr.R.N.Jadhav Mr.S.R.Kokane M r. Mulani Mr. Wani

12	2/09/2016	SE-C	UNIK Techno Pvt. Ltd.	17	Mrs. S. P. Gopnarayan Mr. G. H. Wani Mr. M. M. Mulani Mr. A. A. Chaudhari Mr. R. N. Jadhav Mr. S. R. Pawar
13	21/7/2016 22/7/2016	BE-C	I-Medita, Pune	40	Mr. C. K. Bhange Mr. V. J. Desai Mr. N. B. Kale Mr. R. V. Sadakale Mr. A. A. Chaudhari Mr. R. N. Jadhav
14	4/9/2016	BE-C	MAPRO	32	Mr. N. B. Kale Mr. V. J. Desai Ms. P. K. Umap Mrs. M. D. Sonawane
15	12/8/16	BE-A,B,C	Vijay Engifab, Chakan	60	A.S.Ubale H.B.Magar S.O.Ahire Attended- Mr. R. V. Sadakale V.K.Patil D.M.Yewale
16	18/9/16	TE-A,B,C	Film and television institute, shivajinagar pune	80	Ms. A. S. Phatak Mrs. H. D. Shinde Attended by: Mrs. S. P. Gopnarayan
17	21/07/2016	BE-C	I-MEDITA CISCO, BANER PUNE	60	Mr. C. K. Bhange Mr. Nilesh Kale

#### 4. Social Visit:

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
1	13/07/2016	SE-A	Balkalyan Sanstha	40	G. D. Salunke Supriya Lohar Attended- A.S.Ubale S.O.Ahire Ms. G. G. Kulkarni Ms. A. S. Phatak Ms. R. A. Thakare
2.	22/09/2016	TE-C	Anna Hazare Anti Corruption Office	50	Mrs. Shobhika Gopnarayan Mr. Ranjit Sadakale, Ms. Manisha Sonawane Mr. Mulani Mohsin Mr. N. B. Kale
3.	22/09/2016	TE-C	Jai Anand Sai Mook Badhir Vidhyalay, Wadegaon	50	Mr. Mulani Mohsin Mr. N. B. Kale Ms. Manisha Sonawane Mrs. Shobhika Gopnarayan

					Mr. RanjitSadakale
4.	27/09/2016	BE (A )	NiwantAndhMuktaVikasalaya	20	Rupa V. Kulkarni Vruishali V. Deshmukh
5	27/09/2016	BE (B )	NiwantAndhMuktaVikasalaya	20	S.V. Redekar P. D. Deosarkar
6	26/09/2016	BE (A )	SOS's Children Orphan center	20	Attended- Rupa V. Kulkarni P. D. Deosarkar
7	13/07/2016	SE-A	BalkalyanSanstha	40	T.Y.Zope
8	29/9/2016	SE-A & TE-A	MatoshriVridhhashram, Pune	20	Prof.D.M.Yewale, Prof. M.R. Wanjre. Mrs. N.A.Deshmukh, Ms. A.J.Maidamwar
9	12/09/2016	TE-B	Visapur Fort Conservation	40	Mr.S.R.Kokane Mr.R.N.Jadhav Mr.S.S.Jagtap Attended- H.B.Magar

# **PHOTO GALLERY**



Workshop On Skill Development In Electronics For SE ( E & TC) By Mr. Sanjay Chaudhari from Electronics Study Centre Dated 24/08/2016 to 26/08/2016



Industrial Visit of SE-A and SE-B @ CID Museum with staff  
V.K.Patil, H.D.Shinde, S.O.Ahire, A.S.Ubale, G.D.Salunke,  
M.P.Sardey, T.Y.Zope



Industrial Visit of TE-A @ BAG Electronics with staff  
Mamta Wanjre, Apoorva MAidamwar, Deepali Yewale, Nilima Deshmukh





Industrial visit of BE-C at I-MEDITA, BANER PUNE



Industrial visit of TE –B at MAPRO

**Editorial Team:**

**Prof. Deepali Yewale**

**Harshal Gothankar**

**Divyashah Naik**

**Pawan Kumar**

**Monish Khandelwar**

**Prachi Kolte**