



Our Inspiration



Smt. Pratibhai Patil
Former
President of India
&
Dr. D. R. Shekhawat
Chairman, GB

MISSION

To provide conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development.

VISION

Today we carry the flame of quality education, knowledge and progressive technology for global societal development; tomorrow the flame will glow even brighter.



Shri. Raosaheb Shekhawat
Managing Trustee

SSBT's College of Engineering and Technology, Bambhori Jalgaon



Volume IV, Issue I

Newsletter :

January – June 2013

“UNESCO declared 2013 as an year of Mathematics of Planet Earth”

Mathematics of Planet Earth 2013

More than a hundred scientific societies, universities, research institutes, and organizations all over the world have banded together to dedicate 2013 as a special year for the Mathematics of Planet Earth.

Our planet is the setting for dynamic processes of all sorts, including the geophysical processes in the mantle, the continents, and the oceans, the atmospheric processes that determine our weather and climates, the biological processes involving living species and their interactions, and the human processes of finance, agriculture, water, transportation, and energy. The challenges facing our planet and our civilization are multidisciplinary and multifaceted, and the mathematical sciences play a central role in the scientific effort to understand and to deal with these challenges.

MPE2013 has now reached the breadth of an international year under the patronage of UNESCO. MPE2013 is run by its partners. The partners, mostly scientific institutes, learned societies, international organizations, associations of teachers have committed to organize scientific and outreach activities on the theme.

Salient Features of Electronics & Telecommunication Department

- 1) Experienced & Qualified faculties
- 2) NBA Accredited in 2008 for 05 years
- 3) 12 Labs equipped with all state of art equipments
- 4) 2 PG & 1 UG Computer labs with latest configuration PCs
- 5) MATLAB, ORCAD, ULTIBOARD, Xilinx Software

Vision of the Department : The light of progressive knowledge and the brilliance of Electronics & Telecommunication Engineering is chasing the path towards Excellence for achieving an irreplaceable height in the global fraternity.

Mission of the Department : To develop Electronics & Telecommunication Engineers with patriotism and excellence to meet out the irresistible standards par locally and globally.

Departmental Events



Workshop on Industrial Automation

The workshop organized by E & TC Department on 30th March 2013 was about Industrial automation. The Main speech is given by Mr. Atul Chahure from TAACT Nasik & also by Mr.Devdatta Gokhale from Gokhale Automation Training Institute. Total 175 students had participated in this workshop. Mr.Chahure has given the details about Motor, AC drives, PLC Programmable Logic Controller, SCADA etc. Mr.Chahure has demonstrated valuable technical knowledge like how the speed of AC MOTOR could be controlled by drive. How drive is required. What is the main reason of using IGBT in the drive? Why mainly Induction Motors are used in Industries. There was a wide applause from students about this event.

Quotes Corner

"Believe in yourself! Have faith in your abilities! Without a humble but reasonable confidence in your own powers you cannot be successful or happy."

Norman Vincent Peale



Entrepreneurship Awareness Camp

IIInd Entrepreneurship Awareness Camp was held under Innovation & Development Centre during 06th February to 08th February 2013. The main objective of this workshop was to provide the concepts of Entrepreneurship and its advantage in the recent Era in stabilizing one's own hold in Business and Financial Deeds. The Cell has been formed under SSBT's COET Entrepreneurship Development program whose Director is Dr. I.D.Patil, Head, Biotechnology Department, SSBT's COET Bambhori Jalgaon.14 students from BE E & TC have participated in this Camp.

ETESA FACULTY ADVISOR

A.C.Wani

N.M. Kazi

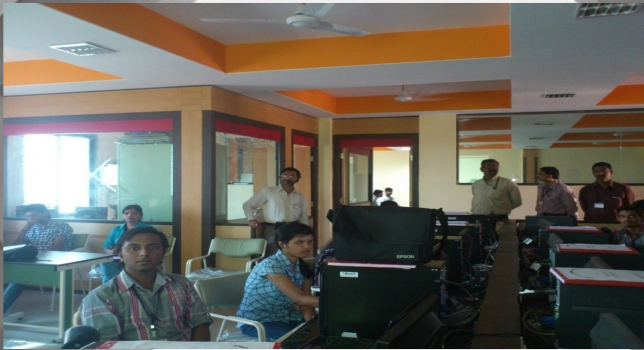
S.K. Khode

P.M. Shanbhag

A.B.Sapkal

Y.S. Santwani

Departmental Events



Workshop on Scilab

A virtual workshop on Scilab software was organized on 09th March 2013. Prof. Manoj Patil, Associate Professor, Computer Engineering Department was the Program Coordinator. This program was organized in association with IIT Mumbai which provides an open access platform for all to learn this freeware developed by Scientific Laboratories. 36 students from BE E & TC have participated in this workshop. Miss. Diksha Patil, B.E. E & TC grabbed First Prize in this Event.

GATE Coaching classes

With an objective of preparing the students for “GATE-2013” examination, continuous efforts have been taken from the eminent faculties of E & TC Departments in giving them the right guidance & conceptual touch for the methodological preparation of the exam.

Prof.P.J.Shah, Prof.V.M.Deshmukh, Prof.P.V.Thakare, Prof.S.U.Nyati, Prof.A.H.Karode, Prof.P.H.Zope, Prof.A.C.Wani & Prof.S.P.Ramtele took special GATE coaching classes for Final year students. More than 50 Final year students have been registered for the classes.



Seminar on Microsoft Technologies.

The seminar on Microsoft Technologies was conducted on 05th February 2013. Mr. Mayank Birla delivered a lecture on Opportunities availed by Microsoft Corporation in providing many Career Opportunities. Nearly 60 students from Third year and Final Year E & TC Engineering have attended this seminar. The objective of this seminar was to demonstrate the policy of Microsoft corporation in creating Job opportunities based on the final year useful and Innovative Projects for the students. Prof.S.A.Hingonekar coordinated this event.

Quotes Corner

“Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time.”

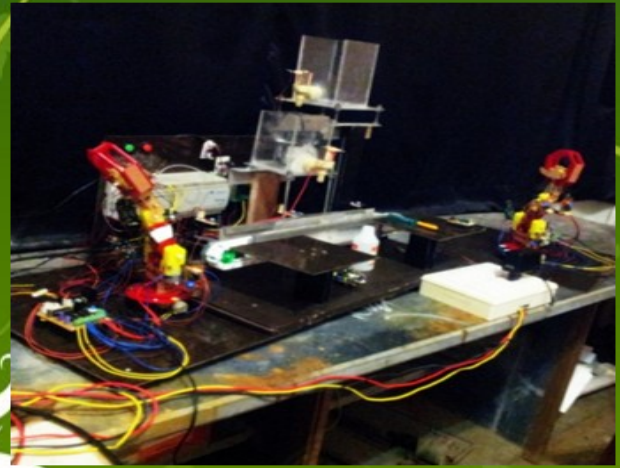
Thomas A. Edison

Departmental Events



Two week workshop on Analog Electronics

Two week ISTE workshop on Analog Electronics was held during 04th June 2013 to 14th June 2013 in SSBT's COET Bambhori Jalgaon Remote Center under NMEICT which was organized by Department of Electronics & Telecommunication Engineering and sponsored by IIT Kharagpur. A total of 32 faculties have participated in this workshop. Prof. S.A.Hingonekar has coordinated this event.



Shodh Prakalp Pratiyogita

Project Exhibition "Shodh Prakalp" was conducted at institute level in each department on 06th April 2013. Prof. M.S.Sadavarte, GCOE, Jalgaon & Mr.Suresh Daotalu, AGM, Legrand Industries Pvt Ltd, MIDC, Jalgaon were invited as judge. 145 students from final year E&TC Engineering were Participated for exhibition.

Centrally this event was coordinated by Prof. P. A. Shirule and departmental coordinator of this event was Prof. N.M.Kazi. Project based on PLC and SCADA grabbed first prize in this event.

Circuit Mania

This was very interesting event arranged by ETESA on 24/03/2013 for the SE & TE E&TC students to boost up their confidence in electronics & clear their designing & practical concept. In this the students had prepared the small circuits on PCB & some was implemented on breadboard & given their explanation. Many students had participated in this event. Mr.A.C.Wani & Mr.N.M.Kazi were the judges.

Departmental Events



Quiz Competition conducted by ETESA

GK & Technical Quiz Competition was organized on 17th march 2013 with innovative ideas of Students under ETESA. This quiz was organized to enhanced the students creativity, intelligence, stress & time management that may improve their personal skills . Various students from SE, TE & BE have participated in this event.

Students Activities



Industrial Visit

135 students from Final Year had their Industrial visit in Jain Irrigation Bambhori on 13,14,15 & 17th March 2013. On 15th March 2013, they have visited BSNL Jalgaon and on 16th March 2013, they had their trip in Jain Irrigation Solar Power Plant . All the trips were coordinated by Prof.N.M.Kazi & accompanying staffs were Prof.S.A.Himgonekar, Prof.P.H.Zope, Prof.B.K.Khadse & Prof.R.S.Kalsi.

Farewell party for BE students “YAADEIN”



The small farewell party was organized under ETESA for the BE students on 11/06/2013 in the departmental seminar hall by E&TC staff members & students. In this many staff members had recalled the days & memories along with this BE batch & the students also cherished their memories & the events which they had experienced & enjoyed in this deptt. in the 4 years. The emotional program was also followed by the song, mimicry by students & staff. The students were given a BOOK as a token of love from department.

Quotes Corner

“A creative man is motivated by the desire to achieve, not by the desire to beat others.”

Ayn Rand

Students Activities and Achievements

Result at Glance

Second Year



Swati M
Ist
(75.73%)



Nisigandha J
2nd
(73.46 %)



Renuka D
3rd
(70.53%)



Aditi Patil
1st
(75.86%)



Snehal Patil
2nd
(74.53%)



Bhagyashree B
3rd
(73.06%)



Neha Km
1st
(73.86%)



Gayatri Patil
2nd
(73.33 %)



Forbilty K
3rd
(71.6 %)

Campus Selection

07 students of BE E & TC got selected in Site 7 Media, Noida based company with a package of Rs.120000/-, 06 students got selected in Bit Technosoft, Noida with a package of Rs.1,20000/-, 04 students got selected in Stellent Suse with a package of Rs.1,20000/-, 03 students got selected in Genuine Customer services ltd with a package of Rs.1,50000/-, 20 students got selected in Telysia network ltd, Ahmedabad.

Sports

Sheetal Tayade	University Level Volleyball
Sayali Salunkhe	University Level Fencing
Gaydhane Nita S	University Level Fencing

- E&TC team wins the cricket tournament
- Winner in Badminton Singles & Doubles
- Runner up in Basketball tournament
- Achievement of UG Project students

Awards Received

Ajay Sonawane	Techno Arena 2013 GCOE. Jalgaon held on 01-02 March 2013	First
Vibhuti Vivek Vinay D Bijwe	GATE 2013	Qualified
Priyanka Lakhwani Bhagyashri Patil	Milestone 2K13 held on 03 March 2013	First
Shweta Mehta	Milestone 2K13 held on 03 March 2013	Second
Sagar Patil	Milestone 2K13 held on 03 March 2013	Third

Accord Shine Campus Interviews



Accord Shine Company, a software firm from Nagpur visited the college for taking campus interviews on 26th Feb 2013. 04 students of BE E & TC were selected.

Quotes Corner

"In order to succeed, your desire for success should be greater than your fear of failure."

Bill Cosby

Faculty Achievements



Dr.P.H.Zope has completed his Doctorate in Electronics & Communication Engineering from Jodhpur National University on 16th February 2013. The title of his thesis was “Modeling and Simulation of Z-source inverter design and control Strategies.” On behalf of HOD & all the faculty members, we bestow him our Heartiest Congratulations.

Faculty Publications & Participation in STTP/Workshops & Seminars

Prof. S.R.Suralkar has published his research paper in IJCA , Volume 68, No.7, April 2013 on the title “Correlation based Fingerprint Image Segmentation”. **Prof. S.R.Suralkar** has also published a research paper in IJECET , Volume 4, Issue 2, March-April 2013, pp 264-268 on the title “Fingerprint verification using steerable filters”. **Prof.S.P.Ramteke**, Mrs .Kiran Dahake & **Prof. S.R.Suralkar** have published a paper on “Optical Character Recognition for Marathi Text Newsprint” at International Journal of Computer Applications (0975 – 8887) Volume 62– No.16, January 2013. **Prof. Surendra Ramteke**, **Prof. Kiran Mantri** & **Prof. S.R.Suralkar** have published a paper on “Pali character Recognition system” at International Journal of Computer Applications. **Prof. Surendra Ramteke**, Mr. Ramesh D. Shelke & Prof. Nilima P. Patil have published a paper on the title “A Neural Network Approach to Printed Devanagari Character Recognition” at International Journal of Computer Applications (0975 – 8887) Volume 61– No.22, January 2013. **Prof. P. J. Shah**, Mr. M.P.S.Chawla & Mr. Rakesh Saxena has published a paper on the title “Digital control technologies for improving the power quality of power supplies,” in Neural computing and applications, Springer international journal, vol.22, no. 1, pp. 235-248, May 2013. **Prof. V.M.Deshmukh** has attended one week workshop on “Digital Signal Processing & Processor”, at Manit,Bhopal, during 31/12/12 to 4/1/2013. **Prof.A.H.Karode** has published a paper on the title-“Detection of Acute Leukemia Using White Blood Cells Segmentation Based on Blood Samples” at International Journal of Electronics Communication Engineering and Technology (IJECET) ISSN (Online):6472, ISSN (Print): 6464 Vol 4, Issue-3, pp 148-153.,May-June 2013. He has also published a paper on the title “A Review of various techniques of Image segmentation for Leukemia Detection” at National conference on Communication, Computing & Networking Technologies ISBN: 878-93-8288009-7 held in SGGGS Institute of Engineering and Technology Nanded,15-16 March 2013. He has published a paper at International Conference on the title “A Review on Data Hiding Scheme” at International conference & workshop on Electronics & Tele Communication Engineering (ICWET 2013) ISBN: 978-0-9884925-0-9 held at Thakur College Of Engineering & Technology, Mumbai 22 Feb 2013. **Prof.A.C.Wani** has published a paper on the title “Speech Recognition” in International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 3, Issue 1, January 2013). **Prof.A.R.Bari** has attended a Short Term Training Programme on “Recent Trends in Optimization & its Application in Engineering” organized by Department of Electrical Engineering, Electronics & Communication Engineering and Computer science & Engineering at SSGB COET, Bhusawal held on 15-20 April 2013. **Prof. S.K.Khode** has attended a Short Term Training Programme on “Advanced Tools For Computational Analysis in Engg. & Tech.” at JDIET,Yavatmal held during 24 Dec- 4 Jan 2013. He has also presented a paper at Interational Conference on the title “Optical Character Recognition method for Printed Marathi Text” in International Journal of Multidisciplinary Research.(ISSN- 2277-9302) pp-56, vol II, Issue 1(I), CIG, Nagpur, 6-7 April 2013. He has also presented a paper at National Conference on the title “OCR Techniques for Marathi Vowels & consonants, Innovative Paradigms in Engineering & Technology” held at S.B. Jain ITM & R Nagpur, on 17/02/2013. **Prof.P.M.Shanbhag** has presented a paper at International Conference on the title “Automated Fabric defect detection Methods: A Brief Review” held at Rizvi COE, Bandra, Mumbai, 29th-30th March 2013.

Prof. Kunal K. Pandey has published a paper at International Conference on the title “A Review on Image Fusion Using Curvelet Transform”, ISBN 978-0-9884925-1-6, Volume I, pp 96-101 at International Conference & Workshop on Advanced Computing 2013 under MULTICONW-2013 held at Thakur College of Engineering & Technology, Kandivali, Mumbai on 23rd February 2013. He has also presented a paper at National Conference on the title “Curvelet Transform and its application in the image fusion”, & published in the e-proceedings of "National Conference on Advances in Communication & Computing (NCACC 13)" held at R.C.Patel Institute of Technology, Shirpur, Dist. Dhule, Maharashtra, India on February 22, 2013.

M.E. Activities

03 students have submitted their M.E. thesis under the guidance of Prof.S.R.Suralkar in January 2013.
04student have submitted their M.E. thesis under the Guidance of Prof.P.H.Zope in January 2013.
04student have submitted their M.E. thesis under the Guidance of Prof.S.P.Ramteke in January 2013.
02 students have submitted their M.E. thesis under the Guidance of Prof.A.H.Karode in January 2013.
01 student has submitted his M.E. thesis under the guidance of Prof.B.K.Khadse. 03 students have passed their Masters of Engineering in Digital Electronics (E & TC) in November / December Exams 2012 and the M.E. degree is conferred to them.

Photo Gallery



Inaugural Ceremony of Annual Sports Week on January 19, 2013.



A still from Industrial Automation Workshop



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Principal
SSBT's COET



Mr. S. P. Shekhawat
Director of
Academics



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