

**BABASAHEB NAIK COLLEGE OF ENGINEERING, PUSAD.**

**ANNUAL REPORT OF THE INSTITUTE.**

**SESSION 2012-13**

Hon'ble Chairman of today's function, Chief Guest of this function Shri A.S.Mahalle, Director, Vijay Nirman Company Vishakhapattanam, Prof G.K.Gattani I/C student affairs, Prof. N.A.Charnia, Prof. I/c Students' Representative Council i.e. SRC, Prof. A.J.Tiwari ,Director Physical Education, Prof K.M.Punwatkar, Prof I/c NSS ,President SRC, Mr. Hrushikesh Jahagirdar ,General Secretary SRC, Ms.Priyanka Pawar, all the other office bearers of SRC, NSS representative, Deans, LMC members, Heads of the department, faculty members, technical & supporting staff members, parents, alumni, members of press, my dear student friends, ladies and gentlemen

It is a matter of pleasure for me to present the Annual Report of Babasaheb Naik College of Engineering, Pusad for the session 2012-13, I feel proud & privileged to present the report of the esteemed institution to this august gathering. It is an occasion to asses our achievements, functioning practices and on the longer run our on-going journey towards quality and merit. Let us look ahead with all the passion to follow our vision and mission and to judiciously plan to face new challenges which are posed by the competitive time ahead. We have entered into a phase where we have not only to remain up to the long-established bench marks like ISO, NBA, Govt. gradations but should also foresee indigenious objectives, good practices and standards pertaining to the aspirations of our institute.

This year we have admitted 632 students in the first year BE. 115 students have taken admission directly to the second year in the branches of Civil, Mechanical, Electronics & Telecommunication, Information Technology & Computer Science & Engineering, Electronics Electrical &Power. In total there are 2138 students are on roll in the college. 105 students are pursuing Master in Engineering for various courses.

In accordance with the mission of our college so as to support the students from weaker sections, in this session the college has facilitated concessions to 1692 students which includes 1017 scholarships,

374 free ships, 228 students are under EBC, 08 are under STC, 11 are under PTC while 54 are getting concession under minorities.

Last year our institution had undergone the process of NBA accreditation for four of our branches i.e. Civil, Mechanical, Electronics and Computer Science & Engineering. The visit of the AICTE, NBA committee was on 7<sup>th</sup>, 8<sup>th</sup> & 9<sup>th</sup> of Oct. 2011. It is a matter of pleasure to announce that all the four branches have been accredited, for three years. i.e. from March 2012 to 2015.

As you are aware, College presently has ISO 9001:2008 certification.

The Second & Third Internal Audit for the session 2011-12 was conducted on 12<sup>th</sup> & 13<sup>th</sup> Jan. 2012. The Fourth Internal Audit for the session 2011-12 was conducted on 26<sup>th</sup> & 27<sup>th</sup> April 2012.

Surveillance audit for the session 2011-12 was conducted on 3<sup>rd</sup> May 2012 and the corresponding letter for confirmation of continuation of the ISO - 9001:2008 certifications was received on 1<sup>st</sup> Aug. 2012.

The First Internal Audit for the session 2012-13 was conducted on 24<sup>th</sup> & 25<sup>th</sup> Sept. 2012 and the Second & Third Internal Audit for the session 2012 -13 was conducted on 11<sup>th</sup> & 12<sup>th</sup> Feb. 2013.

In the summer 2011 Examination, six students of our Institute have appeared in Sant Gadge Baba Amravati University Merit list, Mr. Omprakash Jangid has bagged 4<sup>th</sup> position in the merit list of Electronics & Telecommunication Engineering, Ms. Shweta Vishnu Vishwakarma and Ms. Bhagyashree Jayant Chiddarwar jointly stood 7<sup>th</sup> while Ms. Poonam Purushottam Aswani has stood 8<sup>th</sup> merit in Computer Science & Engineering. Mr. Mahesh Ashokrao Kumbharwar & Ms. Ankita Ravindra Pawar have stood 7<sup>th</sup> & 10<sup>th</sup> respectively in the merit list of Information Technology.

In the last session i.e. summer -2012 Examination Ms. Anuradha Thakur has stood 7<sup>th</sup> in the order of University merit in Electronics & Telecommunication Engineering.

I most heartily congratulate all of them along with their parents & teachers!

**We have been successful in completing following projects, which we had thought about.**

1. This year we have obtained new UG courses i.e. BE Electrical Electronics & Power with 60 seats. An additional intake of 60 seats for BE Civil. We already have started Post Graduate Courses as M.E. Structural Engineering in Civil and M.E. in Digital Electronics from the session 2010-11. In the last session 2011-12 we have been sanctioned full time ME in CAD & CAM Engineering in Mechanical & ME in Computer Science & Engineering. We have also been granted 60 additional seats for under graduate courses each in Mechanical and Computer Science & Engineering.
2. We have established MoU with other IIT's for distance learning through VSAT.
3. In the Internet laboratory, software for GATE preparation has been installed. Same way IIT lectures are also available.
4. Much of the work, of a decent cafeteria near the auditorium, has been completed.

**Presently we have few projects in pipeline**

- Air-cooled seminar hall with a capacity of 100 chairs with all Audio –Video facilities is planned.
- An air-cooled reading hall with the carpet area of about 4000 sq. ft. is proposed to be constructed above the ground floor of the library.
- The seminar hall at the auditorium is being furnished.
- A walking track around the campus is also in the progress.
- It is proposed to lift the look of the campus by developing new landscapes; some changes have already been done.
- We are planning to organize International Conference in the next session.
- We are finding possibilities of initiating dual & integrated courses in collaboration with foreign Universities.

**Under the Training & Placement activities:**

In the last academic session i.e. 2011-12 ,Wipro has recruited 2 students, Jaro Education- 4,Ramnath City Nagpur- 2,Rajdeep Buildcon, Pune- 14, Pandhe Group Mumbai- 3,Tejas Infrastructure- 2,Bosh

Biotechnology, Pune- 1, & Vijay Nirman has hired 4 students at campus recruitment programme. Total 32 students have been placed.

In the current session 2012-13, Ms. Shefali Shukla, Ms. Rashmi Vihswakarma, Mr. Rohit Ingle, Mr. Abhishek Tagalpallewar, Mr. Emran Dharani, & Mr. Sachin Ghumnar, Mr. Vishal Jadhav, Ms. Anuja Pande final year Computer, Mr. Pankaj Nalamwar, Mr. Hrushikesh Jahagirdar, Mr. Nikhil Wakode, Mr. Kalpesh Sudalkar from Mechanical, Ms. Sayali Waykos, Ms. Renuka Komajpillewar, Mr. Nitesh Jadhav from Electronics, Ms. Nikita Nurai, Mr. Vinit Sable from civil while Mr. Ashish Bhojar from Information Technology have been placed in reputed firm like **Synechron Ltd. Pune.**

Ms. Prajakta D. Tagalpallewar, Ms. Priyanka Kumari, Ms. Noopur Chiddarwar, Ms. Sanjana Jadhav from Computers, Mr. Sanket Tagalpallewar, Mr. Vaibhav Lankepilewar from Electronics have been placed at **Alert Knowledge Services, Jaipur.**

Ms. Kranti Wahkhede, Ms. Mohini Yyawahare, Ms. Smita Nagrale, Ms. Priyanka Bajaj, Ms. Snehashree Udgirkar, Mr. Sourav Roy, Mr. Shantisagar Ingole, Mr. Muzzamil Ahemad from Information Technology, Ms. Geeta Shivilani From Computers & Mr. Abhay Meshram have been placed in **Magneto IT solutions Pvt Ltd.**

**Sunvision Softwares ,Banglore** have hired Mr. Ahtesham Syed, Ms. Neha D. Naik, Ms. Pooja Agrawal, Ms. Snehashree Udgirkar from IT department, Ms. Geeta Shivilani, Ms. Noopur Chiddarwar, Mr. Shashank P Uttarwar from Computer Science & Engineering and Mr. Nikhil Gajanan Damodar, Ms. Shivani Giri from Electronics.

Mr. Dhiraj G. Sakhare, Ms. Shraddha Manusmare Mr. Sunil Telang, Mr. Mrunal Funde, Ms. Nisha Gurwani of Electronics, while Ms. Lalita Jangid, Ms. Smita Nagrale, Ms. Asmita D. Rathod Mr. Sourav Roy from Information Technology have been placed in **I Tech Vardhan , Jaipur.**

The department has successfully organized training programmes for first, second, third & final year students through Universal Education, Bangalore, Gnosis Plus, Jalgaon. An industrial visit at Synechron Ltd Pune, an Expert lecture by Mr. Purushottam Thakare, USA. Prof Verma T&P officer has conducted training on Vedic Mathematics.

Tomorrow i.e. on 17<sup>th</sup> of Feb we have organized a Alumni meet for the silver jubilee pass out batch of the year 1988, along with pass outs of

1989& 90. The response so far has been good. We expect a fruitful interaction on the future contribution of our alumni in the development of the Institute, branding ourselves & placement support. The alumni will definitely enjoy being here as they have very fond memories of this place.

Under the **National Service Scheme**, NSS, Mr. Shishir Bantarwar has participated in state level NSS camp at Rahuri, Distt Ahemadnagar from 6<sup>th</sup> to 15<sup>th</sup> June 2012. While Mr. Pawan Dawande participated at National level camp at Narkhanda, Simla from 24<sup>th</sup> June to 3<sup>rd</sup> July 2012.

Mr. Ramchandra Gawai and Ms. Sanjana Jadhav have been nominated as President and lady Representative respectively. Our NSS unit has celebrated Birth Centenary Year of Shri Vasantaoji Naik with fervor this year. The unit has celebrated NSS Day on 24<sup>th</sup> of Sept 12. The Unit has participated in tree plantation on Independence Day, Birth anniversary of Shri. Rajiv Gandhi was celebrated as Sadbhavna Diwas, this programme was attended by eminent personalities & Doctors of the city. A “Blood donation” Camp was held where upon 312 students donated the blood. An essay writing competition was also organized under “campaign against the female infanticide”.

The unit has observed Dr. Sarwapalli Radhakrishnan's Jayanti, Engineers Day, Teachers Day, Mahatma Gandhi, Lal Bahadur Shastri Jayanti, Vivekanand Jayanti & Shri Sudhkarraoji Naik Jayanti as “Jal Sandharan Divas”.

The annual camp of the unit was organized from 27<sup>th</sup> Dec 2012 to 2<sup>nd</sup> Jan 2013 at Village Vadsad where many programmes on cattle care, village cleanliness, women health issues, spiritual discourses, water conservation, awareness on social problems were conducted for the benefit of the villagers.

The College has a **rich library** housed in the spacious area of 1500 sq. m. Library is totally computerized with LIBSYS software. Services offered by the library are book lending, reference, open access (General, Reference & Periodical Section), reprography, internet Services, audio-video facilities etc.

The library has a Collection of 57,000 printed books, 106 National Journals worth Rs. 1.25 lacs, 630 E-Journals worth Rs. 15,66,330 /- , 146 IEEE E-Journals, 275 Elsevier E-Journals, 26 ASME E-Journals, 34 ASCE E-Journals, 149 Springer E-Journals, 1,700 E-Books & 13,000 Journal Articles of ASTM, McGraw-Hill Reference E-Books, J –Gate (Engg. & Tech) Audio-Video Section contains IIT Experts lecture CDs

with LED TV & Sound System worth Rs. 3Lakh,52 CDs in professional & communication Skills & 304 Educational Audio-Video CDs are available. Book Bank facility is provided to more than 700 students, each student gets 10 books for the even & odd sem.20 meritorious students from each branch are extended a free book bank facility.

To provide platform for the creativity of the students, our college magazine named "IMPETUS-2013" is getting ready. The various language coordinators are working hard to make a mark this year too, as our magazine has been adjudged best magazine in the category of Technical Institutes by the University many times.

The IE(I) i.e. **Institution of Engineers**, India, Chapter of Civil Engineering department has organized a "Field visits" for second year students at Arunavati Dam of Digras city. Another field visit for final year students at Asegaonpurna bridge of Achalapur city. An "On spot Auto CAD Software Based Building Plan Competition" was held on 31<sup>st</sup> Jan 2013, while a common Aptitude test was held on 07<sup>th</sup> of Feb. 2013. Winners & runners were awarded cash prizes.

The New body IE (I) Chapter of Electronics & Telecommunication department was installed on 12<sup>th</sup> Sept 2012. Mr. Swapnil Bale was nominated as Student convener. A workshop on PLC & Automation was organized by prolific systems Nagpur from 13<sup>th</sup> to 16<sup>th</sup> Oct 2012.

The body IE (I) Chapter of Electronics & Telecommunication department has organized a career counseling programme for students on 30<sup>th</sup> of June 2012. Our alumni, Mr. Ajay Deshpande, Hewlet Packard, Mr. Amol Madane, TCS & Mr. Ameya Gatphane guided the students. Principal Dr K. Ravi presided over the function. The chapter also organized an expert lecture by Prof S.V. Dudul, Department of Electronics, Amravati University on "How to present technical papers" on 24<sup>th</sup> of July 2012, Mr. Anil Tatode presented an expert lecture on "PLC & Automation on 9<sup>th</sup> of Aug 2012.

The IE (I) Chapter of Computer Science Engineering was installed on 18<sup>th</sup> of Sept. 12 under the chairmanship of Principal Dr K. Ravi, Prof. Gattani, students affairs, Prof S.T. Khandare, faculty advisors Prof. P.H. Pawar, Prof. S.I. Khan, , all the staff members & students were present. The chapter organized quiz competition, LAN Gaming, mock GATE examination, aptitude test, an expert lecture on "student -teacher relationship - an ethical view" by Prof G.A. Samdani, Rtd. Education Officer, Nanded.

The IE (I) Chapter of Mechanical Engineering has organized activity like quiz, debate, extempore, practice Gate Test & Essay competition on “Need of FDI in Indian Economy”. Attractive prizes were handed over to the winners.

**The Mechanical Engineering Student Association “MESA”** has conducted a lot of programs for the overall development of the students like Extempore, Aptitude tests, Teachers Day. Seminar competition for II & III year students, Debate, Quiz, an elocution competition on “Need of youth in Indian Politics”, PRO-E design competition etc. Guest Lectures were conducted throughout the session. MESA has organized industrial visit for final year Mechanical Engineering students on 19<sup>th</sup> and 20<sup>th</sup> January to the Industrial estate at Aurangabad.

MESA, web site was inaugurated at the hands of Shri Mukund Kulkarni of Expert Systems, Aurangabad on 21<sup>st</sup> of Jan-2012. He interacted with students on ‘Challenges in Employability for Today’s Engineer’. Principal Dr. K. Ravi was the chairman of the function.

Two days workshop “Autonex” on Automobile Machines & IC Engine Design was organized on 12<sup>th</sup> & 13<sup>th</sup> February 2013, in collaboration with Govt. College of Engineering & EI Systems Delhi. Total 54 students of final & third year participated in the workshop. In this workshop along with theoretical concepts practical were also performed. TATA Indica car was unbolted to explain the parts & working. Hero-Honda bike engine was disassembled & reassembled in the laboratory.

To promote interaction with Industry an **Industry Institute Interaction** cell is established. An MOU Under research and development scheme with Science and Technology Park, Pune which is a joint venture of University of Pune and DST, India, has been already been signed for developing the projects. Total 14 projects have been taken by different departments. Electronics departments has taken two while mechanical has five, civil shares five, one project is with computer science & one is with physics department.

**ISTE student chapter** of the Institution has organized activities like PAN card Camp; they were the sponsors of the Threshold 2012. Mr Prajakt Tagalpallewar was nominated the president of the student chapter. They have also organized an interactive session of Dr. T.P. Sasikumar.

Our college has been a part of a pool of 40 colleges in Vidarbha who are providing **virtual classroom** facility to our students. Online

expert lecture of Ajay Hiraskar, Director, Software development, Del, was organized at the virtual class established at room no 5201 on the topic “Employment versus employability: IT Perspective” on 11<sup>th</sup> of Aug 12 .About 135 students attended the lecture.

**Student Counseling Cells** has been established in each department of the college. Each departmental cell has three members, with one member essentially a lady. Application form for an on demand personal counseling is available on college website & also with Prof. in-charge of the departmental cell. Email facility can be used for such counseling.

A large number of students have availed the facility of personal counseling. The students are directed to the cell by the faculty & Principal for getting support on decision making, health issues, academic support, career issues etc.

The Student counseling cell of Civil Engg department has organized an expert lecture with IE chapter on “Career planning & Goal setting” on 16<sup>th</sup> of Feb 2012, Prof. Sameer Alone, MIT College of Engineering, Pune was the expert.

A orientation course for final year Mechanical Engineering students short listed in campus interview for Tata Motors, Sterlite and Thermax was conducted by Prof. R.P.Godbole on 18<sup>th</sup> & 19<sup>th</sup> March 2012 and 23<sup>rd</sup>, 24<sup>th</sup>, 26<sup>th</sup>, March 2012, respectively.

The cell has organized along with Training & placement cell a very successful and resourceful interactive counseling session by Dr. T.P. Sasikumar, former Deputy Director, Cabinet Secretariat, GOI, Delhi, an eminent counselor, motivator & academician, on issues like opportunities in employment & further education in Engineering like ME, MS, MBA and examinations like IAS, IES, GATE, GRE, TOEFL, IETL, selection processes in various organization, soft skills, employability skills etc on 6<sup>th</sup> of January 2013.

We have a tradition of organizing a **National Level Technical Paper** contest for students named “**THRESHOLD**” for the past Twenty two years. This year it was organized on 28<sup>th</sup> & 29<sup>th</sup> September 2012, two events were conducted under this banner a National Technical Paper Presentation Competition & an on-Spot Software Development Competition.

Rtn. Sanjay Meshram, District RI Governer 3030, Nagpur was the chief guest of the inaugural function and Dr. S. T. Hamde, Dean

Academics SGGS Institute of Engineering & Technology, Nanded was the Guest of Honor. Prof. Dr. K Ravi, Principal of the college was the Chairman of the inauguration function. Various topics related to recent development in the field of Civil Mechanical, Electronics & Telecommunication Engineering, Computer science and Information Technology were offered for the paper presentation. About 193 participants from various colleges presented their research work in different groups. Best two papers from each group were awarded cash prizes worth Rs. 5000 & 3000 respectively along with the certificates.

The second event “ On spot Software Based Competition” was arranged for the themes “Auto CAD based planning competition”, “ Vastu-Rachana” , “Assembly of machine components using CATIA or Pro E”, “ MATLAB Programmin”, “Data structure in C/C++”, about 44 students participated in the event.

The **Faculty Recreation Club** of our college had taken an initiative to conduct, indoor games, Cricket & Volleyball tournaments for Faculty & Staff of the Institute. Prizes will be awarded day after tomorrow.

Our college has “**Society for Promotion of Indian Classical Music and Culture Amongst Youth**” i.e. **SPICMACAY**, which provides students an opportunity see the performance of topmost artists in dance & Indian classical music .SPICMACAY Pusad Chapter has organized a classical Kathak dance performance by Ms. Lavanya Ananta on 21<sup>st</sup> Aug 2012.

SPICMACAY has also organized a series of classic movies under the aegis of “Movie Club”. It provides a good experience of varied cultural milieu to the college youth. Movies like Charlie Chaplin (1939), The Secret, Inspirational Videos, Last Dictator etc, have been screened.

We have a **Teacher Guardian Scheme**, which looks into the welfare of students personally through the Teacher Guardians. This year we have taken many measures to improve the affectivity and the working of the scheme.

We have a tradition of organizing “**Parent Meet**” every year we have organized the first one on 26<sup>th</sup> of June 2012. Recently we have organized another meet for the parents of the first year students for highlighting the importance of training programmes arranged for improving the chances of placement of the students. The meeting was

successful. This platform has brought the parents & the teachers closer to discuss and pave the way for a better career for their wards.

**Engico Student's Consumer Co-Operative Store** works with prime objective of fulfilling the daily requirements of students within the college campus like, stationery, drawing instruments ,books, daily needs etc. These are made available at reasonable rate in the store. Facility of photocopying at cheap rate is also available. Besides this, it also supports the requirements of the hostel office & Panchayat Raj Training Center Pusad.

In the financial year 2011 – 2012 total sale was Rs.8,69,000/- and Net profit of Rs. 1,64,227/- from trading account. In the current financial year 2012-2013 (i.e. from 1/04/2012 to 11/02/2013) total sale recorded is Rs. 8,32,019/- and total purchases during the period are Rs.8,53,837/-. Store is mostly getting, an "A" grade in different financial years by an approved auditor.

**Executive body of SRC the Student's Representative Council** was constituted on 11<sup>th</sup> of Sept 2013. Mr. Hrushikesh Jahagirdar was nominated as President SRC while Ms. Priyanka Pawar was nominated as General Secretary along with eight other executive members.

Teachers' day was celebrated on 17<sup>th</sup> September 2012, along with Engineers' day in the presence of Chief Guest Shri Dr. L.M. Waghmare Director, SSGS ITS, Nanded. Principal Dr. K. Ravi was the chairman. Prof. M.A.Khan of Electronics & Telecommunication Engineering Department was felicitated as senior teacher on the occasion of Teachers day. About 35 teachers were felicitated for their paper publication & presentation at National and International Conferences and Journals.

A Debate competition on topic "FDI (Foreign Direct Investment) is beneficial for India?" was held on 7<sup>th</sup> Jan 2013. About 60 students participated. Mr. Ankit Bhaskarwar of second year Mechanical won 1<sup>st</sup> prize and Mr. Rohit Ingle of final year Computer Sci. has won the 2<sup>nd</sup> prize.

A "Group discussion" competition was conducted on 24<sup>th</sup> Jan 2013. About 50 students participated. Mr. S. Mohammed won the 1<sup>st</sup> prize and Ms. Sanjana Jadhao of final year Comp Sci. won the 2<sup>nd</sup> prize.

A 'Fete' was arranged on 26<sup>th</sup> Jan 2013. About 40 stalls were prepared by students for this program.

Mr. Nikhil Wakode Mr. Rahul Chinchole Mr. Ankit Tela final year Mechanical, Mr. Hemant, Bramhan third year Civil, Mr. Girish Mane third year Mechanical, Mr. Anurag Chavan third year Electronics, Mr. Dhanesh Agrawal third year Copmputer & Mr. Shishir Basatwar third year IT were deputed to participate in '3<sup>rd</sup> Parliament of Indian student council leaders' organized by MIT school of Government at Pune during 10<sup>th</sup> -12<sup>th</sup> Jan 2013.

Mega cultural event 'Gaiety 2013' is scheduled from today, i.e.16<sup>th</sup>, 17<sup>th</sup> and 18<sup>th</sup> Feb 2013. Variety entertainment programs comprising of Hindi and Marathi skits, Mime, solo & group dances, songs, Mimicry Mono-acting , song competition 'Voice of BNCE' will be held during 'Gaiety 2013'.

During Gaiety- 2013 a Technical and Art Exhibition is arranged where different scientific models, slide shows, painting, fine art, Rangoli, salad decoration, flower decoration will be exhibited.

Farewell program for final year student is planned in the month of April' 12.

**Under the Departmental achievements the prominent are:**

- Civil Engineering Department runs a four year degree course, with an intake capacity of 60. Additional 60 seats have been sanctioned from session 2012-13. The department also runs post graduate course in structural engineering with an intake of 18. The department is equipped with well developed laboratories having modern equipment like Total Station, Loading Frame, Plate Load test with digital proving ring and a spectrophotometer. A Separate Computer Laboratory with 40 numbers of PCs with Internet connection, STAD-Pro, ETABS, Estimator etc. softwares & HP Design jet Plotter is available in the department. All the laboratories of the department are recognized for Ph.D. work by Sant Gadge Baba Amravati University, Amravati. Department has conducted one week STTP on "Finite Element Method & its application" during 3<sup>rd</sup> to 7<sup>th</sup> Sept.2012. Department undertakes the consultancy work of various Government & Private agencies such as Irrigation Department, PWD, MJP, ZP, Nagar Parishad etc.
- Mechanical Engineering department is having well equipped laboratories and existing few laboratories are computerized like

Heat Transfer, Internal Combustion Engines. Department has added Computerized Diesel Engine Test Rig costing about Six lacs in I.C. Engine laboratory. Eleven Computer machines of Rs. 3.25 lacs have been added in the CAD/CAM Laboratory. The department has been enriched with Pro-e software costing about 3.7 lacs and Ansys Academic Teaching Version 110 costing about 2.10 lacs. Department has established “Renewable Energy Park” costing about 10 lacs for propagating the use of Renewable Energy Sources to the public and is open for the visitors. Department has successfully organized and conducted PRO-E course for 62 students from 14 Jan 2013 to 14 Feb 2013. The department has also organized a two days industrial tour for final year B.E students at Aurangabad. Total 88 students along with two faculty members Prof. F.I.Mirza & Prof. A.B. Dighewar have visited Yeshshree , Shree Singan, Verrog ,Technomac Industries along with one automobile exhibition. Department has organized ISTE approved one week STTP on “Energy Conversion and Management” during 11<sup>th</sup>-15<sup>th</sup> May, 2012.

- The department of Electronics & Telecommunication Engineering has highly qualified staff with 3 PhD degree holders and few others on verge of completing PhD work with many research publications. It is equipped with well-developed laboratories having state-of-the-art equipment such as Microstrip system trainer, VLSI Design Software Microwind 3.5, MATLAB software with toolboxes, DSP Training Software, DSP System Generator, Spartan III based VLSI/DSP kit, PCs (121) with server, and Labview software. M.E/Research Lab has been developed for undertaking ME (DE) practical and promoting research activities. B.E. (Electrical, Electronics & Power) Branch course has commenced with intake of 60 students from 2012-13. The Department has signed MoUs with Sony Automobiles and S&T Park, University of Pune relating development of projects. The department has organized a two day workshop on “Embedded System Design Using 8-bit Microcontrollers” for the teaching faculty of Engineering Institutes, Polytechnics & Science Colleges on 17<sup>th</sup> & 18<sup>th</sup> April 2012. Prof. Dr. R. J. Bhiwani was the coordinator of the workshop. Prof. Bhiwani, Prof. Vasif Ahmed and Prof. M. A. Khan delivered lectures in the Workshop. 37 participants attended the workshop.

- The department of Computer Science & Engineering and Information Technology is equipped with developed laboratories having state-of-the-art equipment such as Cisco Network Laboratory, IBM Rational Rose Laboratory, ARM micro-controller kits, Component development kits etc. “IBM Rational Suite” Course has been conducted for the betterment of students in collaboration with IBM Rational Rose, Pune. 40 students and staff members were benefited from this course. CCNA course has been scheduled for the student in this academic year and 25 students have registered for the course and are taking advantage of it. A two day Workshop on “Network Simulator- 2”, was organized by Computer Science and Engineering Department on 23<sup>rd</sup> and 24<sup>th</sup> February 2012.

**The faculty of our college has numerous achievements like every year.**

Sant Gadge Baba Amravati University, Amravati has awarded Ph. D. Degree to **Prof. Hamesh Babu Nanvala**, His topic for Ph. D. was “Intelligent Hybrid System for on line scheduling of FMS”. Dr. Rambabu Kodali of Birla Group of Institute of Technology and Science, Pilani was his Supervisor.

**Prof. Vasif Ahmed** from the department of Electronics & Telecommunication Engineering has been awarded Ph.D. degree on the topic "Intelligent Embedded System based Remote Monitoring using Mobile" under supervision of Dr. S. A. Ladhake, Principal, Sipna College of Engineering & Technology, Amravati, from Sant Gadge Baba Amravati University, Amravati.

Prof. S.H. Mahure, head, Civil Engineering is working as a coordinator for the Post Graduate Courses in the Institution. He has worked as Convener in organizing one week STTP on “Finite Element Method & its application” approved by ISTE, New Delhi. He has Published a paper titled “ Experimental investigation on self compacting concrete using cement kiln dust” in International Journal of Engineering Research and Technology, January 2013. Another paper titled “ Experimental investigation on self compacting concrete using glass powder” has been published in International Journal of Engineering Research and Application (IJERA) June 2012. His paper titled “ Experimental study on self compacting concrete using cement kiln dust” has been presented at National conference on Advances in Engineering

and Technology-NCAET-2012 ,held at Anjuman College of Engineering and Technology, Nagpur on 13<sup>th</sup> March 2012.

Prof. A.C. Saoji has worked as a Coordinator in organizing one week STTP on “Finite Element Method & its application” .He has presented a paper titled “ Seismic performance of RC frame structure with masonry infill wall” at international conference on Advance in Architecture and Civil Engineering-AARCV 2012 held at M.S Ramaiah Institute of Technology, Bangalore during 21-23 June 2012. His paper titled “Effectiveness of Changing Reinforced Concrete Shear Wall Location on Multistoried Building” was published in International Journal of Engineering Research and Application (IJERA) in Sept-Oct 2012.

Prof. R.T. Pachkor, Prof. S. M. Mahajan Prof. J.B. Deshmukh, Prof. S.S. Zambani, Prof. M.R. Vyawahare, Prof. P.O. Modani, Prof. M.B. Wanjare, Prof. S. I. Khan & Prof. Ms. A. A. Patil all have attended one week STTP on “Finite Element Method & Application” conducted at our college.

Prof. M.R. Vyawahare published a paper titled “Utilization of Bagasse ash as a partial replacement of fine aggregate in concrete” in international conference -NUICOE-2012, organized by NIRMA University, Ahmedabad, during 6<sup>th</sup> -8<sup>th</sup> Dec 2012.

Prof. R.T. Pachkor has received a **National Award 2013** of ISTE, New Delhi for the project “Design of grey water treatment plant for Amar Nagar of Shrirampur Grampanchayat- A case study” from Civil Engineering for sustainable development.He has also delivered an expert lecture in our NSS camp.

Prof. S.D. Charkha has worked as coordinator for organizing one week STTP conducted at our college. He has published a papers titled “ Effect of silica fume and partial replacement of ingredients on flexural and split tensile strength of concrete” & a paper titled “ Effect of change in shear wall location on storey drift multistory building subjected to lateral loads” in International Journal of Engineering Research and Application (IJERA), May-June 2012. His papers titled “Study of effect of admixture and partial replacement of ingredients on concrete” and a paper titled “Study of optimizing configuration of multistory building subjected to lateral loads is presented at international conference on Advance in Architecture and Civil Engineering-AARCV 2012 held at M.S Ramaiah institute of Technology, Bangalore during 21-23 June. He has also worked as a judge in state level paper contest at JSPM polytechnic pusad at 5-6 Feb 2013.

Prof. P.O. Modani has published a paper titled “Utilization of Bagasse ash as a partial replacement of fine aggregate in concrete” in international

conference 'NUICOE-2012 organized by NIRMA university' Ahmedabad, during 6-8 Dec 2012. He has won second prize in group discussion competition on topic "FDI in retail" organized by B.B Arts, Science and Commerce college, Digras on 31<sup>st</sup> Dec 2012.

Prof. M.B. Wanjare has published a paper titled " Experimental investigation on self compacting concrete using cement kiln dust" & " Experimental investigation on self compacting concrete using glass powder " in International Journal of Engineering Research and Technology, IJERT January & June respectively ,2013. He has presented a paper titled " Experimental study on self compacting concrete using cement kiln dust" at National Conference on Advances in Engineering and Technology-NCAET-2012 held at Anjuman College of Engineering and Technology, Nagpur on 13-03-2012. Prof. S. I. Khan and Prof. M.B. Wanjare have qualified Ph.D. aptitude test organized by SGBAU, Amravati in Dec 2012.

Prof. A.M.Wankhade and Prof. S.S.Bhagwat , have organized ISTE approved one week STTP on "Energy Conversion and Management" during 11<sup>th</sup>-15<sup>th</sup> May, 2012,as coordinators.

Prof. Sanjay S. Bhagwat has successfully chaired an academic discussion session on "Material Structure" in 2nd International Conference on "Mechanical Engineering- Materials and Energy" ( ICMEME, 2012 ) in **Dalian , China** during October 26-27, 2012. He has also participated, delivered a presentation of his technical paper"Modernization of CHP cycle in sugar Complex" in the same conference.

Prof. A.M.Wankhade attended one week STTP on "Advanced Engine Combustion and Emission Control" held at IIT, Kanpur from 17<sup>th</sup> -22<sup>nd</sup> July, 2012. He has been **felicited** with "Eminent Engineer Award" for his meritorious contribution in the field of Engineering and Technology on the occasion of 45<sup>th</sup> Engineers Day -2012 by The Institution of Engineers (India) Amravati Local Chapter on 15<sup>th</sup> Sept .2012.

Prof. K.K.Jadhao submitted his synopsis for Ph.D. at Sant Gadge Baba Amravati University, Amaravati.

A paper "Prediction of optimized springback effect in Aluminium sheet using Taguchi Design of experiment" submitted by Prof. A.B. Dighewar, Prof. G.K.Gattani and Prof. A.A.Somatkar was selected for presentation in International Conference on Innovations and Trends in Applied Computing at YCCE, Nagpur during 01 -03 Feb. 2012.

Prof K.K.Jadhao, Prof. S.S.Bhagwat and Prof P.K.Jadhao have presented their papers “ Finite Element Analysis of Connecting Rod and Crank Shaft for Double Acting Reciprocating Compressor, Composite Materials – An Overview” , “Combined Heat and Power Cycle in Sugar Industries “ in the International Conference on “ Advances in Mechanical Engineering, at Amrutvatini College of Engineering, Sagamner on March 12<sup>th</sup> &14<sup>th</sup> 2012. They have also published a paper “Design, modeling and analysis of Double Acting Reciprocating Compressor Components” in the International Journal of Science and Engineering Research, April 2012.

Prof K.K. Jadhao, Prof. S.S.Bhagwat have presented paper on “ Mechanical Properties of Jute based Epoxy composites” in International Conference on Strength of Materials at Indian Institute of Science, Bangalooru, India. They have attended NPTEL Workshop at IIT, Chennai during 5-6 April, 2011.

Prof K.K. Jadhao has presented a paper on “ Performance Evaluation of FRP Butt Joint” in National Conference on Recent Advances in Mechanical Engineering at MED, UCE, Osmania University, Hydrabad.

Prof. K.K.Jadhao, Prof.J.G.Ingle, Prof.P.K.Jadhao, Prof.F.I.Mirza, Prof.Mohd. Razik Prof. M. Ashfaq A. Bhura attended one week STTP on “Finite Element Method & its applications” organized by the civil department of our college during 03-07 Sept; 2012.

Twelve Faculty members of the department attended one week STTP on “Energy Conversion and Management” organized by Mechanical Engineering Department of our college, during 11-15 May, 2012.

Prof. N.P. Bhone has attended two week STTP on “Role of Computer in Design and Manufacturing” at PRMIT& R, Badnera during 28<sup>th</sup> Nov. 2012 to 8<sup>th</sup> Dec, 2012. He has attended two week STTP on “Advanced Tools for Computational Analysis in Engineering and Technology” at JDIE & T, Yavatmal, during 24<sup>th</sup> Dec 2012 to 4<sup>th</sup> Jan. 2013. He has also attended one day seminar on “Recent Trends in Welding Technology” at PRMIT&R, Badnera jointly organized by PRMIT&R, Badnera and Indian Institute of Welding, Mumbai. He has presented a paper “Prediction of Sales forecasting by using 4 cast Xlan ANN tool” in International Conference at RTCCCT, Raipur on 25 Nov; 2012.

Prof. S.V.Chopde and Prof. N.P.Bhone participated in INCRAME-2012, International Conference at Chennai on topic “Obstacles in

managing securities of third party logistics provider in manufacturing industries”.

Prof. S.J.Rajpal delivered an expert lecture on “ FEA applications to structural and thermal problems using ANSYS” on 06<sup>th</sup> Sept 2012 in ISTE approved one week STTP on “Finite Element Method & its applications” organized by Civil Engineering Department of our college.

Prof. Swapnil Chintamani attended a National Conference and presented a paper “Fresh Water Minimization in Paper and Pulp Industries” at Amrutwani College of Engineering, Sangamner during 28-29 Sept 2012.

Prof. M. Ashfaq A. Bhura attended ISTE approved two week STTP on “Introduction to Research Methodology” at JDIE&T, Yavatmal during 12-21 Dec 2012.

Prof. V. G. Nagalkar **won First Prize** (PG Category) in Inter University STATE Level Competition “AWISHKAR 2012” for his M.E. project “Ischemic Stroke Detection using DIP” under guidance of Prof. S. M. Agrawal, his Paper titled “Ischemic Stroke Detection using DIP” was presented in ICDIP International Conference at SSPACE, Wardha during Feb 5-6, 2012.

Prof. S. N. Dandare **won First Prize** (Post-PG Category) in SGB Amravati University Level Competition “AWISHKAR 2013” for his PhD work titled “Fault Detection in an Automobile Engine using Soft Computing Approach”. Paper titled “Support Vector Machine Based Multiple Fault Detection in an Automobile Engine Using Sound Signal” by Prof. S. N. Dandare has been published in Journal of Electronic and Electrical Engineering Volume 3, Issue 1, 2012. His paper titled “Novel technique for multiple fault detection in an Automobile Engine Using Sound Signal” has been published in International Journal of Advanced Research in Computer Science and Electronics Engineering (IJARCSEE), August 2012. Another paper titled “Artificial Neural Network Based Fault Detection in a Four Stroke Engine Using Acoustic Signal” by Prof. S. N. Dandare has been published in International Journal of Electronics Communication and Computer Engineering, 2012. His Paper titled “ANN based Fault Detection in an Automobile Engine using Sound Signal” was presented in 4<sup>th</sup> International Conference on Electronics & Computer Technology at Kanyakumari during April 6-8, 2012. Prof. S. N. Dandare attended a workshop on “Quality Initiative in Technical & Higher Educational Institute” organized by Staff Engineering College,

Hyderabad (In compliance with NBA/NAAC/ABET Accreditation) during 6-8 August 2012.

Prof. N. P. Jawarkar, Prof. Vasif Ahmed and Prof. S. I. Khan have filed for a patent in association with Dr. Sanjay Bhangde, Leading Pediatrician at Pusad, titled “Health Care Framework for Preliminary Diagnosis of Diseases for rural population using cell phone” which has been published in Indian Patents Journal Sept. 2012.

Paper titled “Audio Segmentation using Line Spectral Pairs” by Prof. Jawarkar has been published in IJCA Proceedings on National Conference on Innovative Paradigms in Engineering and Technology (*NCIPET 2012*) March 2012. His Paper titled “Text-Independent Speaker Identification in Emotional Environments: A Classifier Fusion Approach” has been published in *Frontiers in Computer Education 2012* (Springer) Book Chapter.

A Paper titled “Robust Controller Design for Fuzzy Parametric Uncertain Systems: An Optimal Control Approach” by Dr. R. J. Bhiwani has been published in *ISA Transaction, Elsevier* (Nov. 2012). His Paper titled “Person Identification using biometrics (Iris Recognition)” has been published in *ISOR Journal of Engineering (ISORJEN)*, Special issue NSER. A Paper titled “Person Identification using Biometrics: IRIS Recognition” by Dr. R. J. Bhiwani has been presented at National Symposium on Engineering and Research NSER-2012 at Matoshri College of Engineering and Research Center Nasik on 14<sup>th</sup> April 2012. This paper was adjudged the Best Paper in the Electronics category. He has also delivered an expert lecture on “Person Identification using Biometrics” was delivered on 31<sup>st</sup> Jan. 2012 at Dr. N. P. Hirani Institute of Polytechnic, Pusad. Dr. R. J. Bhiwani has worked as a resource person for two day workshop on “Advances in Power Electronics and its Applications” on 16<sup>th</sup> March 2012, at SSBT’s College of Engineering & Technology, Jalgaon. He has worked as a member of review committee of National Conference on Advances in Communications and Computing; and has chaired a session in National Conference NCACC’12, of RC Patel Institute of Tech. Shirpur. He has also worked as a judge for State Level technical paper contest “Electrotech-2012” at Dr. N. P. Hirani Institute of Polytechnic, Pusad on 21<sup>st</sup> Feb. 2012.

A Paper titled “Preliminary Detection of Respiratory Disorders for Rural Children using Modified Stethoscope” by S. I. Khan, N. P. Jawarkar & Vasif Ahmed has been published in *IJCA Proceedings on National Conference on Innovative Paradigms in Engineering and*

Technology (NCIPET 2012) March 2012. A Paper titled “Cell phone based Remote Early Detection of Respiratory Disorders for Rural Children using Modified Stethoscope” by three of them has been presented in International conference IEEE-CSNT-2012 held on 11-13<sup>th</sup> May 2012 at Rajkot.

Prof. N. A. Charniya has published a paper titled “Time Lag recurrent Neural Network model for Rainfall prediction using El Niño indices” in International Journal of Scientific and Research Publications, Volume 3, Issue 1, January 2013. His paper titled “Design of Neural Network Models for Daily Rainfall Prediction” has been published in International Journal of Computer Applications, January 2013. A Paper titled “Focused Time Delay Neural Network Model for Rainfall Prediction Using Indian Ocean Dipole Index” by Prof. N. A. Charniya has been presented in International conference IEEE-CICN-2012 held on 3-5<sup>th</sup> November 2012 at Mathura.

A Paper titled “Non-standard size Image Compression with Reversible Embedded Wavelets” by Prof. Abdul Sattar has been published in International Journal IJRET, Nov. 2012, Prof Ms. S. M. Pokhale and Ms. K. A. Kulkarni have published a Paper titled “NIOS II Processor Implementation in FPGA- An application of data logging system” in International Journal IJSTR, Dec. 2012.

Prof. Ms. S. M. Pokhale presented Paper titled “Soft Core Processor Implementation using FPGA” in the International Conference on “New Development and Challenges in Engineering Technology and Management” held on 22<sup>nd</sup> March 2012 at Karjat.

Paper titled “Analysis of X-ray Images of Coal using Image Processing” by Prof. Ms. N. V. Innani & Prof. N. A. Charniya” was presented in International Conference CSIT 2012 held at Bangalore on 19<sup>th</sup> May 2012.

Paper titled “Non-standard size Image Compression with Reversible Embedded Wavelets” by Prof. Abdul Sattar and Prof. M. A. Khan has been presented & published in proceedings of International conference on Electronics and Communication Engineering ICECE at Ooty held on 30<sup>th</sup> June 2012.

Prof. A. N. Gaikwad was **invited as expert for National Level Tech. Symposium** organized by College of Engineering, Ambejogai during 27<sup>th</sup> to 29<sup>th</sup> Feb 2012. He has worked as **reviewer for ISIEA-12, Indonesia**, IEEE Conference ICCICT-2012 and PIER. He has attended workshop on “Industry Institute Interaction” organized by Shrijan, and College of Engineering, Pune on 11<sup>th</sup> August 2012.

Prof. U. U. Waghmare attended a Two day National level workshop on “Advances in Power Electronics and its Application” organized by EXTC Dept. and Electrical Engineering Dept. College of Engineering, and Technology Bambhavi Jalgaon on 15<sup>th</sup> and 16<sup>th</sup> March 2012.

Dr. R. J. Bhiwani and Prof. S. N. Dandare attended workshop on “Indo-Global Education Summit and Expo-2012 in Collaboration with Foreign University” organized by Indus group, Hyderabad during 7-9 Sept. 2012.

Prof. S. N. Dandare and Prof. N. A. Charaniya attended one day workshop on “Patents and Intellectual Property Management” organized by SGB Amravati University, Amravati on 7<sup>th</sup> Feb. 2013.

A paper by Prof. N. P. Jawarkar has been accepted for presentation in International conference to be held on 6-8<sup>th</sup> April 2013 at Gwalior.

A paper by Prof. N. P. Jawarkar & Prof. Vasif Ahmed has been accepted for publication in Journal of Instrument Society of India.

Another by Prof. S. S. Patil has been accepted for presentation in International Conference in Emerging trends in Science, Technology and Management to be held in April 2013 at Singapore.

Prof. A.R. Dudhe has delivered an expert talk on “Mobile Communication” on 27<sup>th</sup> Sept. 2012, Prof. S.D. Kale delivered expert lecture on “Software for PCB Layout” on 28<sup>th</sup> Sept. 2012, Prof. S.N.Mukhare delivered an expert talk on “Energy Audit” on 29<sup>th</sup> Sept. 2012 at Dr. N. P. Hirani Institute of Polytechnic, Pusad.

Prof.S.Y.Amdani has published a research paper entitled “Global Seek Optimization in Real-Time Database Transactions: A New Approach” in International Journal of Computer Engineering and Technology (IJCET), October-December (2012), © IAEME. He has Presented a papers titled “A Scheme for Visual Cryptography” and “The Sixth Sense for Chronically III Patients” in International Conference on Novel Horizons and Prospects of Industry Institute Interaction, organized by Shri Shankarprasad Agnihotri College of Engineering Wardha, during 5<sup>th</sup> to 6<sup>th</sup> February 2012. Prof.S.Y.Amdani Presented a paper titled “Comparison of Earliest Deadline with Adaptive Earliest Deadline Algorithm”, in international Conference on Global Technology Initiatives, organized by Rizvi College of Engineering, Bandra, held during 29<sup>th</sup> to 30<sup>th</sup> March 2012.He has presented a paper titled “An Improved Group-EDF: A Real-Time Disk Scheduling Algorithm” in 4<sup>th</sup> International conference on Electronics computer Technology (ICECT 2012) held at Kanyakumari,

India during April 6 – 8, 2012. He has also delivered an Expert Lecture on “Matlab instruction for image enhancement” in the one week STTP on Image Processing, 2<sup>nd</sup> March 2012 at BDCOE, Wardha.

Prof.S.Y.Amdani and Prof.Ms.S.M.Mudada published a research paper entitled “Mathematical Model for Real Time Disk Scheduling Problem “International Journal of Computer Application (IJCA).

Prof.S.T.Khandare delivered a Expert Lecture on “Hardware” on 23<sup>rd</sup> & 24<sup>th</sup> July 2012 at METCOE, Nasik. He has also attended a conference “Indo-Global Education Summit Expo-2012” Study abroad and in India by the INDUS foundation in collaboration with Foreign Universities at Hydrabad during 7<sup>th</sup>-9<sup>th</sup> SEPT-2012.

Prof. S.S.Asole presented a paper on “Controller area N/W (CAN) gateway to Zigbee new generation Sensor N/W Security at International conference organized by Shri Shankarprasad Agnihotri college of Engineering, Wardha, 5<sup>th</sup> &6<sup>th</sup> February 2012. He presented a paper on “Network Security” at same venue. Prof. S.S.Asole presented a paper on “Brain Tumor Detection Using Digital Image Processing Based on Soft Computing” at National conference organized by Jawaharlal Darda Institute of Engineering & Technology, Yavatmal on 10th March 2012. He also contributed a paper on “Medical Embedded Device for Individualized Care” at the same venue.

Prof. P.H.Pawar presented a paper titled “Histogram-Based Reversible Data Hiding Using Block Division” 2012 IEEE International Conference on Advanced Communication, Control & Computing Technologies held at Syed Ammal Engineering College ,Ramanathapuram, Tamilnadu on August 23 – 25 ,2012.He has also published the research paper in 2012 IEEE international Conference publications. Prof P.H.Pawar completed his post graduation M.E. (CSE) from SRTMUN, University Nanded.

Prof.S.R.Jadhao and Prof.A.N.Kazi published a research paper entitled “Mobile based health care system for patient diagnosis using Android OS” in International conference on Electrical, Electronics and Computer Science (ICEECS-2012), 16<sup>th</sup> Dec 2012.

Prof.A.D.Isalkar, Prof. Ms.A.A.Mahamune, Prof.A.D.Chavan, Prof.S.B.Chavan, Prof.C.N.Gadge, Prof.R.D.Jawale, Prof.Y.P.Lakade , Prof. Ms. A.C.Giram have been Sponsored for M.E.

Prof.A.S.Rahate, Prof.D.D.Tatwadi & Prof.R.S.Patwardhan participated in the national conference on Laser and Advanced Materials

NCLAM-2012 organized by Department of Physics, Sant Gadge Baba University, Amravati, during May 29-30, 2012.

Prof.A.S.Rahate participated in National Conference on Recent Trends in Physics NCRTP-2012 held on Oct 26-27, 2012 and presented a paper entitled "Synthesis of Polyphenylene Sulphide (PPS) Composite through Chemical Route". He has also participated in National Conference on Advanced Functional Materials held at VNIT, Nagpur during January 21-23, 2013 and presented a paper entitled "Quantum Confinement and Surface Plasmon Resonance Study in Polyphenylene Sulphide (PPS) Composite".

Prof.A.S.Rahate has participated in International Conference on Recent Trends in Applied Physics and Materials Science (RAM 2013) organized by Govt. College of Engineering and Technology, Bikaner (Raj) during Feb. 01-02, 2013 and presented a paper entitled "Optical Investigation of Polyphenylene Sulphide Composite".

Dr. S.V.Thakare & Prof.Ms. P.B.Dahale have attended the National Conference RBSEIS- 2012 at PRMIT, Badnera on 08<sup>th</sup> April 12, and presented a research paper titled " Bianchi Type V Inflationary Universe in General Relativity".

Prof. Dr. H. K. Wankhade assumed the charge of Head of the Department and Dean First Year from March 2012. Dr. H. K. Wankhade was the Chief Guest at the Inauguration of Science Exhibition at Phulsing Naik Mahavidyalay Pusad on 1<sup>st</sup> Feb 2013.

Prof. Ms. V. W. Shiwarkar organized an Interactive Session by the Guest, Dr T. P. Sasikumar, Hyderabad on Subject "Empowerment of Women", for girl students on 5<sup>th</sup> of Jan-2013.

Prof. Ms. A. N. Thenge & Prof G. P. Markate have qualified "Ph.D. aptitude test" of SGB University Amravati.

Prof. A.J. Tiwari, worked as selection committee member for Hockey men's & women team, Sant Gadge Baba Amravati University, Amravati. He has presented a paper at UGC sponsored One Day Interdisciplinary National Conference on "Weight Control & Exercise" organized by Arts, Commerce & Science College, Arvi Wardha on 8<sup>th</sup> September 2012. he has presented a paper in a UGC sponsored one day National Seminar on "Importance of Martial Arts" organized by B.B. Arts, N.B. Commerce & B.P. Science College, Digras on 27<sup>th</sup> September 2012.

The Department of Humanities has been established from the session 2011-12. Subjects like Professional, Communication skills, Principles of management, Environmental Sciences, Social science, Engineering Economics & Foundation English for first year students as remedial classes are being taught by the department with the support of five faculty members. The department also contributes to the training of the students from the placement point of view, which includes language & speech development, Professional skills like Interview skills, Group discussions, Resume preparation & for the overall personality development of the students.

The Department has a well equipped language laboratory to support this endeavor. The language laboratory has frequent visitors as it is a model laboratory of our region. This year the laboratory has been visited by Prof. Mrs. K .Nirupa Rani Vice Chancellor, Adikavi Nannayya University,Rajmundri, (A.P.) who visited Pusad as the Chairman of the NAAC assessment team at Vatsalabai Naik Mahila Mahavidyalaya on 21<sup>st</sup> Dec.12. Dr.Ramesh Lakhe Director SQMS, Management Training & Consultancy firm on 25 Sept 2012, Mr.Milind Mutalik ,Vice President Human Resource, Synechron Technologies Ltd. and Mr.Pravin kumar, Director and Practice Head - Microsoft Center of Excellence at Synechron Technologies Ltd on 14 Sept 2012.

Prof S.R. Tiwarangkar of Environmental Sciences has attended a UGC sponsored conference “Research Advances in Environmental Sciences “on 16<sup>th</sup> &17<sup>th</sup> March 2012 at SRT University, Nanded.

Prof. R.P.Godbole, head, humanities department has been the facilitator in the orientation programme for students shortlisted during the placement for Tata motors & Thermax Ltd on 18<sup>th</sup> & 19<sup>th</sup> of March 2012 and 23<sup>rd</sup> to 26<sup>th</sup> March 2012, respectively.

Prof. R.P.Godbole has delivered an expert lecture on “Interview techniques and personality development” at Dr. N.P. Hirani Institute of Polytechnic, Pusad on 6<sup>th</sup> Sept 2012.He has also delivered an expert lecture at Sudhakarroa Naik college of pharmacy on “Important facets in preparation for job Interview for a fresher” on 17<sup>th</sup> of December 2012.The programme was attended by UG &PG level students.

Department of Humanity has organized an interactive session of the eminent speaker Dr. T.P. Sasikumar, former Deputy Director, Cabinet Secretariat, GOI, Delhi for students on “Communication skills & its need

in today's world" in collaboration with Indian Society for Technical Education, faculty chapter on 4<sup>th</sup> of January 2013

**Our Technical Staff and Supporting Staff have also been upgrading themselves regularly.**

Mr.S.S.Raut and Mr.R.T.Kaple have attended a National Conference on Mathematical Sciences held in May-2012 at MVGR College of Engineering & Technology, Vizianagram.

Mr.R.T.Kaple presented a paper titled "A Study of domain walls in Brans Dicke Theory of Kasner type Metric" in the International Conference on Mathematical Sciences held at Shivaji Science College, Nagpur from 28<sup>th</sup> to 31<sup>st</sup> Dec 2012.He has also presented a paper titled "Universe-Facts and assumptions" at National Conference NCMS-2013, Dr.R.G.Rathod College, Murtizapur held from 18<sup>th</sup> to 19<sup>th</sup> Jan-2013.

**Our students are having good contribution in Co-curricular activities**

Ms. Sharmika Bhalerao & Mr. Pankaj S. Patil from Civil Engineering secured **first prize at ISTE National level project competition** held at Punjab.

From the department of **Mechanical Engineering** a paper titled "A Finite Element Approach for Analysis of a Helical Coil Compression Spring using CAE Tools" by **Mr. Tukaram S. Sarkate** has been selected in International Conference for the presentation in Mechanical, Industrial and Manufacturing Technologies ( MIMT-2013 ). to be held on March16-17, 2013 at Bali Island, Indonesia.

From **the Department of Electronics & Tele comm.** Ms. Neha Deshpande second year has won **second** prize in Speedster (Roborace) National Level Technical Event PRAGYAA-2012 held at SGGS, Nanded during 16<sup>th</sup> to 18<sup>th</sup> March, 2012. Mr. Amit Bhelonde and Mr. Himanshu Chavhan have won **second** prize for their paper titled "Voice Activated Unlock Technology" in the National Level Students' Convention: QUARK-12 organized at Tulsiramji Gaikwad-Patil College Of Engg.& Tech, Nagpur during 27<sup>th</sup> & 28<sup>th</sup> January 2012.

Ms. Priyanka G. Padhye Ms. Prajakta P. Tundalwar, Ms. Swati V. Jadhao Ms. Munnazzarin R. Shaikh from third year were **Runners up** in Project and Model Exhibition at National Technical Symposium ANTRATECH-2012 held at Dr. Bhausahab Nandurkar COE & Tech. Yavatmal during 6<sup>th</sup> and 7<sup>th</sup> Feb. 2012. Mr. Yogesh Kale, from second

year has won **second** prize in the event ELECTROMA-MICROCON (Aptitude Test) National Level Technical Event PRAGYAA-2012 held at SGGS, Nanded during 16<sup>th</sup> to 18<sup>th</sup> March, 2012. Ms. Shalu Singh, final year has bagged **second** prize for her paper titled “RFID Based Automatic Vehicle Parking System in THRESHOLD-2012 National Technical Bonanza held at our college, during 28-29 Sept. 2012. More than 100 students from the department have presented papers, attended courses etc at different venues.

From **Computer Science & IT department** –Mr.Suchit Bhandari and Mr. Nikhil Dixit won **first** prize in the event paper presentation “DAZZLED 2013” at IBSS college of Engineering Amravati during 2<sup>nd</sup> & 3<sup>rd</sup> Feb-2013. Ms.Noopur Chiddarwar, Ms.Anuja Pande secured **second** prize in paper presentation at the same venue. More than 100 students from the Computer Science & IT department have presented papers at different places.

Most of the students from final year of all the branches have appeared for the GATE-2013 examination.

### **Coming on to Cultural activities of the Students**

37 students from our institute have participated in the” Youth Festival” an inter collegiate cultural competition organized by Sant Gadge Baba Amravati University, held during 2<sup>nd</sup> to 5<sup>th</sup> Oct. 2012 at Dr. Bhausahab Nadurkar Engineering College, Yavatmal. The students participated in competition exhibiting their talent in Music, Dance, Drama, Elocution, Quiz, Debate, Skit, Mime, Fine arts, Painting , Poster making & Rangoli.

An Elocution Competition on the “Thoughts of Swami Vivekanand” was conducted under “Shramseva Nyas”, at Babasaheb Naik College of Engineering, Pusad, on 13th Oct. 2012. Dr. K. Ravi, Principal was the chairman of the function. Seventeen students of our college participated in the above event. Judges from Nagpur selected students for the next round. Three students, namely Mr. Rushikesh Jahagirdar, Ms. Amruta Uttarwar & Mr. Ramchandra Gawai were selected for the semifinal round at Nagpur. Mr. Rushikesh Jahagirdar was selected for participation at the final round at Pune.

The cultural committee has also coordinated the participation of our college at AVISHKAR-2012-13, the best research project competition, organized by Sant Gadge Baba Amravati University,

Amravati and “3<sup>rd</sup> Indian student parliament” which was organized by MIT Pune, during 10<sup>th</sup> -12<sup>th</sup> Jan 2013.

### **Coming to the Sport Activities:-**

As many as 160 boys and girls have participated in 20 activities like and Lawn Tennis, volley ball ,hand ball, cross country, kho-kho, kabaddi, soft ball, swimming Basketball, Boxing, Badminton, Ball badminton, Cricket, Chess, Carom, Football, Volleyball, Table Tennis, Judo. During the sports competitions conducted by SGB Amravati University, Amravati Inter collegiate tournaments.

Sports department has successfully conducted “Inter Hostel Ganesh” tournament where near about 150 students have participated indoor & outdoor games. “Six a Side” Tennis ball cricket tournament was also organized where near about 200 students have participated from 15<sup>th</sup> Aug. to 28<sup>th</sup> Aug 2012. Students sports club has also successfully conducted Tennis ball cricket tournament near about 150 students have participated from 30<sup>th</sup> Sept to 15<sup>th</sup> Oct 2012.

A very big number of boys and girls have participated in the indoor and our-door sport activities for social annual gathering “Gaiety 2013” and winners are eagerly waiting to get prizes day after tomorrow

On behalf of the college, I congratulate each one of you for your achievements and sincerely feel that our efforts with dedication, responsibility and discipline as an individual and as a team will definitely bring laurels to our institution.

I take this opportunity on behalf of inmates of Babasaheb Naik College of Engineering, Pusad to heartily thank our Management Janata Shikshan Prasarak Mandal, Pusad for extending their creative support and guidance to us.

I thank you for patient hearing, Thank you very much!