

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

## **BRIEF ANNUAL REPORT OF THE INSTITUTE.**

### **GAITY - 2016**

Chairman of the function..... Chief Guest of the function Shri Prashant M Puppal, Founder Director, Enviro Bulk Handling Systems Private Ltd, Pune Prof G.K. Gattani I/c students affairs, Prof S.M.Mahajan. I/c Student Representative Council i.e. SRC , President SRC Mr. Yash Jethawa ,General Secretary SRC Ms. Mohini Khandare ,all the office bearers of SRC, NSS representative, all the parents , deans, LMC members, head of the departments, faculty members, technical & supporting staff, members of press, my dear student friends, ladies and gentlemen.

I welcome you all at the **beautiful campus** of Babasaheb Naik college of Engineering, Pusad and one of the **glorious auditoriums** in the state of Maharashtra.

It is a matter of pleasure for me to present a brief Annual Report of Babasaheb Naik College of Engineering, Pusad to this august gathering. It is an occasion to asses our achievements and to discover opportunities to better ourselves in future. Let us all look ahead to follow the vision and the mission of our organization with enthusiasm.

- Not Only BIG Infrastructure
- Also Requires Good human resource
- Equally Good students

- Mr. Suraj Ratnakarrao Girulkar has stood 4<sup>th</sup> in the merit list for Bachelors Degree in Mechanical Engineering of Sant Gadge Baba Amravati University. Mr. Abhinav Satish Bhaskarwar has stood 6<sup>th</sup> in Electronics & Telecommunication Engineering merit list.
- Mr. Akshay Chandrashekhar Deshpande stood 3<sup>rd</sup> in the merit list for Masters Degree in Mechanical Engineering of Sant Gadge Baba Amravati University in CAD CAM, Mechanical Engineering.

I most heartily congratulate them & their teachers on behalf of the stakeholders.

- *As you all know four of our branches have been accredited, for three years i.e. from March 2012 to 2015. We are looking forward to keep ourselves ready for the **reaccreditation at an appropriate time.***
- As you are aware, College presently has **ISO 9001:2008** certification. All the internal & external audits have been completed successfully.

I declare with delight that Prof. N. P. Jawarkar, Prof. N. A. Charaniya and Prof S.H.Mahure have been awarded Ph.D.

A research project by Prof. G.K.Gattni has been accepted by UGC under minor research project which will be funded by UGC MHRD Government of India.

I most heartily congratulate all three of them!

### **Under the Training & Placement activities:**

- From final year of Computer Science & Engineering Mr. Narendra Chavhan has been selected for Parametrix Technologies, While L&T Infotech has recruited Ms. Mayuri R Patil.
- Mr. Sarang D Bhandari has been selected for I-Medita Learning Solutions.
- Ms Nirma M Jangid & Ms. Shivani Jadhao of Electronics & Telecommunication Engineering were selected for Skillscape, Mumbai.
- Ballarka Technologies India Pvt. Ltd. have recruited Ms. Aditee Raipurkar, Ms. Ishita Zarkar , Ms. Mohini Khandare , Ms. Sonam Dodal ,Mr. Narendra Chavhan ,Ms. Neha Rathod ,Mr. Avinash V.Bhojar from Computer Science , While Mr. Md. Faisal Amdani , Mr. Swapnil Rathod from IT were selected. Ms. Bhakti Kale from Electronics was also selected in this drive.

Few more placement programmes are likely to be conducted soon.

- The T &P department also provides training to all the students from second year to final on communication skills, aptitude test by expert external agencies. They have organized various training programmes, workshops & career counseling sessions for the benefit of students.
- *Presently there are 1981 Students are on roll in the college for Bachelors, while 38 students are pursuing Masters 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 1630 students which includes scholarships and free ships, to students in OBC,SBC,SC,ST, VJNT& EBC category.*
- Our college has successfully organized a **Model / Poster presentation & Exhibition** competition for 11<sup>th</sup> & 12<sup>th</sup> science students of our region on 29<sup>th</sup> of Dec 2015. The competition was divided in four themes, i.e. Models , posters in Physics & Electronics, Posters in Chemistry & Mechanical Engineering. , Posters in Mathematics & Computer/IT.

A prize worth Rs. 5001/- was awarded to the best model. Rs 3001/- was awarded to the runners-up. While each first prize worth Rs 1501/- & second worth Rs 1001/- was awarded to best posters in various categories. As many as 24 Junior colleges participated in the event exhibiting 66 models &308 posters. Around 600 students visited the Exhibition.

- Our college also hosted the **41<sup>st</sup> District level Science Exhibition** on behalf of Zilla Parishad ,Yavatmal, from 22<sup>nd</sup> to 24<sup>th</sup> January 2016. Shri Manoharraoji Naik, MLA & Ex state minister was the chairman for the inaugural function. About 150 students & Teachers participated in the event. Some 4500 students visited our campus during the event. The organization of the event was appreciated by all. *Dr S.N.Dandare & Prof Ms. V. W. Shiwarkar worked as coordinators.*

- Under the **National Service Scheme**, NSS, Mr.Mahesh Dhawashe and Ms. Shivani Jadhav have been nominated as President and lady Representative respectively. Our NSS unit has observed Ambedkar jayanti , Babasaheb Naik Punya tithi , Vasantrao Naik Jayanti , Tilak Punyatithi, Independence Day, Rajiv Gandhi Jayanti, Mahatma Gandhi & Lalbahadur Sashtri jayanti etc . The unit has celebrated NSS Day on 24<sup>th</sup> of Sept 15. A massive “Blood donation” Camp was held where upon 303 students donated the blood..The annual camp of the unit was organized from 2<sup>nd</sup> Jan to 8<sup>th</sup> Jan 2015 at Village Vadsad where many programmes on cattle care, village cleanliness, health issues, spiritual discourses, water conservation, and awareness programmes on social problems were conducted for the benefit of the villagers.
- **The College has rich Library** housed in **spacious area** of 1500 sq. m. This year Library has **Purchased** general books, Books for book bank & Competitive examination books worth Rs.9,39,389/- .Some 1915 books have been received till date and remaining books will be procured soon. The Central library has received a **grant** worth Rs. 7, 20,000/- from social Welfare department. Library has a collection of about 59,532 Printed Books. **National Journal’s** (Hard Copy): 113, worth Rs. 1.25lakh, **E-Journal’s**: 1147 nos. worth Rs. 19, 98,000/-.
- **Book Bank facility** is provided to 20 meritorious students from each semester (all branches) free of cost. Students in SC/ST category get book bank facility under Social welfare scheme. **Around 700 students** avail this book bank facility.

- Our college magazine “IMPETUS-2014” had secured **third prize** in the University in the category of professional colleges. It is a matter of credit for all of us. To provide platform for the creativity of the students, our college magazine “IMPETUS-2016” is getting ready soon.
- *ISTE students’ Executive Council 2015-16 was nominated on 10<sup>th</sup> Oct 2015, in which following students were nominated for the students’ executive council , Mr. Rohit Shivlani (4C) President, Mr. Pratik Padamwar : (4R) Vice-President,Secretary- Mr.Sarang Bhandari (4R) & Lady Representative: Ms. Gunjan Parnate (4EE).*
- ISTE students Chapter has received **best ISTE students’ chapter award for Maharashtra -GOA Section for the year 2015**. Prof P.D.Dudhat , faculty advisor , ISTE, Prof. K.M.Punwatkar and Prof. S.V.Mukhare received award at Kings college of Engineering, Tanjaur (Tamilnadu) on 30<sup>th</sup> Oct 2015 in 41<sup>st</sup> Annual students’ convention.

I congratulate them all!

In this convention Mr. Pratik Padamawar presented his paper *on the topic “Sentimental Analysis of twitter data using Python” in the category of best project design award.*

- Our ISTE student Chapter has **conducted a Group Dance competition** for high-school and Jr. College students on 6<sup>th</sup> of September 2015. The Chapter has also conducted an expert lecture

of Shri Prashant Puppal, Ramakrishna mission, Pune on the topic “Personality development with morals and ethics” .

- ISTE students Chapter also conducted **one day workshop for diploma students** for different technical topics in all five departments on 16<sup>th</sup> Jan 2016. In which 182 participants of **eight polytechnics** attended and were benefited by the workshop.
- ISTE students’ Chapter has conducted a **PAN card camp** and an essay competition on the topic “Role of parents and teachers in your life” .
- IE chapter of Computer Science & IT have conducted activities like mock GATE Examination, orientation programme on Android applications, expert technical lectures, workshops & extempore competitions.
- MESA has conducted various activities including guest lectures on “way to success”, Lean Manufacturing, FEA based simulation and Industrial visits at Wind mills & at Industrial estate of Nasik & Akola.
- A two days National level technical paper contest “**THRESHOLD-2015**” for **Diploma and Under Graduate students** was organized on 10<sup>th</sup> & 11<sup>th</sup> Oct. 2015. It is was inaugurated at the hands of **Prof. D. N. Shingade I/c Joint Director** - Technical Education, Regional Office, Amravati while, *Dr. H.B.Nanwla, Principal was in chair. Dr. T.N.Boob, Principal Dr N P Hirani polytechnic was the guest of honor.* About 190 papers were received in Group A (UG) & Group B (Diploma) from

various parts of the country. Participants of various colleges presented around **162 papers** in various technical sessions including Civil, Mechanical, Electronics, Electrical, Information Technology and Computer Science and Engineering. First Prize worth **Rs. 5000/-** , a Second Prize of worth Rs. **3000/-** were awarded to undergraduate students while first prize for **Rs 2000/-** & second **Rs 1000** were given away to diploma students in each of the different themes/subjects.

- One of our **Alumni Mr Ajeet Singh** , CEO and Founder , Lanet Team Software Solution Pvt. Ltd. Surat (Gujrat), Alumnus of 1995 Pass out batch donated Rs 25,000/- for this event.
- Our clubs such as **SPICMACAY, College news letter: BNCOE times** have done a commendable job.
- **Engico student's consumer co-operative is working** with prime objective of fulfilling the daily requirements of students with enthusiasm.
- *PECAA (Pusad Engineering College Alumni Association) has various chapters in India & abroad, being a college with more than 30 years of Engineering education behind, the college has thousands of successful professionals over the globe including developed nations.*
- *SRCs Mega cultural event 'Gaiety -2016' is scheduled from today, Variety entertainment programs comprising of Hindi and Marathi skits, Mime, solo & group dances, songs, Mimicry Mono-acting , song competition will be held during 'Gaiety -2016'the social annual gathering.*

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

- **The Department of Mechanical Engineering runs Pro-E classes.** This year 61 students have registered for this course and completed the same during 03<sup>rd</sup> Aug 2015 to 4<sup>th</sup> Sept 2015. Department has conducted special technical coaching classes of final year students for the preparation of Campus Interviews by the concerned subject teachers.
- One day workshop for the final year polytechnic students on” CNC Machining” was organized on 17 January, 2016. 76 students of the various polytechnics attended the workshop.
- **The department of Electronics & Telecommunication Engineering** has organized a **Two Day Workshop** on “Introduction To TIVA-ARM Cortex M4 Microcontroller” in **collaboration with EdGate Technologies Pvt. Ltd.**, during 19<sup>th</sup> & 20<sup>th</sup> June 2015. Prof. Dr. Vasif Ahmed and Shri Gurpreet Singh (EdGate Technologies Pvt. Ltd.) were coordinators for this workshop. **32 participants** from various institutes affiliated to Amravati University attended the workshop. This workshop was conducted **with Texas Instruments, Bangalore.** Texas Instruments donated kits worth 1 lakh for development of Innovation Lab.
- Department has organized a **one week workshop** on “Embedded Systems” by **Prolific Systems, Nagpur** for students during 22<sup>nd</sup> to 27<sup>th</sup> June 2015. 26 students participated in the workshop.

- Department has also organized a **two day workshop** on “**Analog Circuit Analysis and Simulation**” for supporting staff, Prof.M.A. Khan was the coordinator for this workshop.
- **The department of Computer Science & Engineering and Information Technology** organized a **two day workshop** on “**Android Application Development**” in collaboration with **Geekslab Technologies &** in association with **AIIESEC, IIT Delhi** on 4<sup>th</sup> &5<sup>th</sup> April, 2015. Prof.S.A.Bhura, Prof. A.S.Dudhe and Prof.S.D.Chavan were the coordinators.

Department has also organized a **One Day Training Programme** on “Project Development in Net Binson “ on 30<sup>th</sup> Aug 2015 for final year students of CSE & IT by Mr.Narendra Chavhan.

- **A Three Day’s Workshop on “Big Data & Hadoop “** was organized from 4<sup>th</sup> to 6<sup>th</sup> Sept., 2015 for student as well as staff of the department. Prof.S.A.Bhura was one of the resource faculties for the workshop.
- The department is conducting a **120 Hour technical Training Programme** for Third Year and Final Year Students of Computer, Electronics and Information Technology on “Logical C and C++ techniques” under the guidance of Dr.S.Y.Amdani.
- **A One Day Workshop** on “Recent Trends in Software Testing” for the **Diploma Students** was held on 17<sup>th</sup> Jan

2016. Prof. G.B.Regulwar was the coordinator for the training.

- **Department of Electrical (Electronics&Power )** is Establishing New laboratories like Computer aided Machine, Design lab, Control system lab, Electrical Engineering, Energy etc. *They have invested around 23 lacs on these labs.*
- A **one day workshop** has been conducted on “Recent trends in measurement of Electrical parameters” for **polytechnic students** on 10<sup>th</sup> Dec 2015.
- The IE chapter of the department has organized many activities including expert lectures, essay competitions, debate, workshops etc.
- **Department of Physics** has organized a seminar on Experiments with Light at Dist level Science competition.
- *Our college takes the responsibility of third party inspection in Jalayukta shivar project, under the aegis of the District collector .Prof R.T, Pachkor is the team leader for the inspection work in Pusad & Digras Tehsil.*

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

This year **3** of our faculty have been awarded **PhD**. few more are on the verge of being awarded.

**3--** have completed ME.

**15--** have presented paper at International conference.

**42 --**have published paper in International Journals.

**4--** have presented paper at National conference, Journals & Conventions.

**3--** have worked as reviewers in various journals & conferences.

**18--** have attended workshops at various places.

**8--** have attended STTPs.

**5 --**have worked as Judges at various events.

**6 --**have given expert lectures at various venues.

Another **6** have registered for Ph.D.

And **1** patent has been filed.

- *Prof. A. N. Gaikwad has been recognized as Ph.D. Supervisor in Faculty of Engg. And Tech. of Sant Gadge Baba Amravati University*

**Our supporting staff also is very active**

**4 papers have been published by the staff of library department.**

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

- **From Mechanical Engineering, Mr. Aditya V. Panpaliya , Mr. Vishvambhar D. Kulkarni and Yogesh D. Rathod** have participated in a **National Conference** on Recent Trends in Engineereing and Technology at **J.D.I.T , Yavatmal** and were awarded **FRIST PRIZE**.
- **Mr. Prathmesh Chopade** participated in **speech competition** organized by **Water Supply and Cleanliness Department, Maharashtra Governemnt and Clean India , District Office , Yavatmal** and was awarded **SECOND PRIZE** .
- **Mr. Nikhil D. Raut , final** year has presented a **paper** entitled “ A CAD Analysis & study on effect over mach of Rocket C-d Nozzle by varying its geometric parameters” at **International Conference** on Recent Advances in Engineering and Technology held in **Singapore on 22 January, 2016**.

- A **technical paper** titled “ Study and analysis of exhaust emission of 2- S SI Engine using single and dual S.P. with blend fuel” by **Mr. Vishal B. Tayade , Mr. Vivek Girde , Mr. Nilesh Mate, Mr. Vitthal Wazulkar** of final year students has been **accepted for the presentation in 8<sup>th</sup> International Conference** on Automotive and Mechanical Engineering to be held **in Paris , France** on Feb, 22-23 ,2016.
- **Mr. Prathmesh Chopade , Mr. Shrinath Kurme , Mr. Rajkumar Mallarap** of third year achieved **excellence award for Pro-e certification .**

Many students have participated in various conferences and workshops.

- **From the Computer Sci. & IT Department,** Mr.Rangrao.S.Chavhan, Final Yr *IT Student* was elected as a *District President* for “*Young Inspiration Network* “ under our *Leadership Development Program*. Above 105 students from the department presented technical papers at various International & National technical paper contests including THRESHOLD-2015 held at BNCOE organized by our college.

- **From the Department of Electronics & Tele comm. Ms. Snehal Vyawahare, Ms. Pallavi A Deshmukh, Ms. Neha Rathod and Ms. Pranita Khadse** (all 2<sup>nd</sup> year students) won **consolation prize in Project Competition** on 46<sup>th</sup> IETE Mid-Term Symposium for their Project Titled “Microcontroller based automatic power saving system for street Light” organized at **Sipna College of Engineering & Technology, Amravati.**
- 21 students of our institute participated in this event with three projects.
- Four final year **Projects teams** under the guidance of Dr. A. N. Gaikwad, Dr. Vasif Ahmed and Dr. N. A. Charaniya participated in **National TI design contest 2015 and reached quarter-final rounds.** Major components used in these projects were sponsored by Texas Instruments.
- 128 students participated in round-1 of **Texas Instruments Analog Design Contest 2015**, 76 students qualified for round-2 of the event and **final first prize winner were Mr. Ashish Jawarkar and Mr. Pratik Joshi** and **second prize winners were Ms. Shalakra A. Gadam and Ms. Shivani A. Thakare.**
- 15 students of the department participated in Threshold-2015, National Level Technical Paper contest for Diploma and UG students held our college. Mr. Ashish N. Jawarkar and Mr. Abhinav A. Mahamune were the **first prize and second prize** winners for the event respectively.

**A very big number of students have participated at various technical events throughout the year at varied places.**

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

- About 30 students of our college participated in the various events like Fine Arts, Literary events, Theater, Dance & Music intercollegiate Cultural competition **“Youth Festival 2014”** in the aegis of Sant Gadge baba Amravati University, Amravati held at Khamgaon .
- Mr .Shubham Agrawal, Mr. Swapnil borkar & Mr.Gajanan Pohade have participated in **6<sup>th</sup> Indian Student Parliament** held at MIT school of Management, **Pune** .

**Coming to the Sport Activities-**

- **159 boys & girl students have participated in inter collegiate tournament at Sant Gadge Baba Amravati University, Amravati,**in events like Table tennis, lawn tennis ,soft ball, baseball, swimming , basket ball ,boxing, badminton, foot ball, cricket, chess, volley ball & kabaddi .

- The **students' sports club** has successfully conducted **tennis ball cricket tournament** where about 150 students participated . The club has successfully organized a volleyball super four tournament in which near about 95 students have participated.
- **Mr Siddant Kanade, 3<sup>rd</sup> yr Civil& Ms. Minakshi Adhal 3rd yr Electrical** have been selected as **standby players for University team** in soft ball &volleyball respectively.

On behalf of the college, I congratulate each one of you for your achievements and sincerely feel that our efforts with devotion, 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 support and guidance to us.

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