


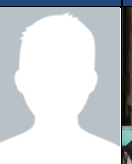







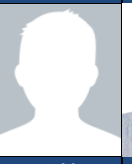









OUR ACADEMIC TOPPERS

(AY 2014-15 Result Declared on 31 May 2015)

UG	Mechanical	Civil	Electrical	CSE	IT	Electronics
F. Y. B. Tech.	 Pawar Apurva Ananda	 Hujare Ankita Shivaji	 Patil Kartik Kumar	 Ahire Deepak Tatyaji	 Parchand Minal Sunil	 Nathani Mayoddin Shabbir
S. Y. B. Tech.	 Kapase Akash Hindsdeshwar	 Tamboli Ayesha Ibrahim	 Neji Priya Basavaraj	 Patrudkar Ashok Chandrashekhar	 Shital Bajrang Gaikwad	 Jadhav Shivraj Suhas
T. Y. B. Tech.	 Patil Bhushan Jaykumar Meena	 Gandhi Krutika Naresh Lalita	 Gawas Siddhesh Sadashev Snehal	 Gokhale Pratima Sanjay Anagha	 Dahihande Ragini Sanjay	 Porwal Shriya Pravin
Final B. Tech.	 Devarde Somnath Janaba	 Dhayatadak Monica Mhatardeo	 Mallurwar Govind Ashok	 Shah Suraj Sunil	 Bidkar Neha Mukund	 Jagdale Kunal Suresh

PG	Production	Heat Power	Design	Environmental	Structural	Control System	Power System	CSE	CSE-IT	Electronics
F. Y. M. Tech.	 Kharade Sitaram Tanaji	 Oza Rohan Hemant	 Dahe Sangram Babasaheb	 Kamble Shree Dattatraya		 Shirsikar Prachi Gopal	 Phutane Pranoti Pramod	 Shinde Snehal Bankatrao	 Godbole Devdatta	 Mulla Shireen Rajahamad
S. Y. M. Tech.	 Khandelwal Ronak Mahendra	 Randive Saurabh Sunil	 PrabhuBam Ramnath Venkatesh	 Phadtare Anup Prabhakar		 Patil Prashant Vivek	 Inamdar Shoaib Salim	 Heshi Rushiraj Ratanchand	 Pikle Nileshchandra Kalbarao	 Result Pending

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About Walchand College of Engineering ...



**Late Shri. Dhondumama
Sathe**

Walchand College of Engineering, Sangli is one of the oldest and renowned technical institutes in Maharashtra. This college (WCE) was started as a “New Engineering College” in the year 1947 by late Shri. Dhondumama Sathe. The College was renamed as “Walchand College of Engineering” in 1955, after a substantial financial support extended by Seth Walchand Hirachand Memorial Trust. The management and Control of the college was transferred to Administrative Council with all movable and immovable properties since 1956. The college now imparts education for AICTE recognized / approved diploma, degree, post graduate and Ph.D. courses in engineering.

The Autonomous Status has been awarded to the college by the Government of Maharashtra and UGC in the year 2007. UGC extended this Autonomy for second term in 2014 till 2020. The Institute participated in the World Bank funded Government of India scheme, "TEQIP" (Technical Education Quality Improvement Program) Phase I project and received second rank all over India, out of 127 national institutes, in its program impact assessment survey in 2010. WCE is successfully continuing its journey in TEQIP phase II in upgrading the Post graduate and Research infrastructure. WCE has received Rs. 12.50 Crore till now and already spent Rs. 10.71 Crore. NPIU released additional funds of Rs. 5.00 Crores based on performance of the Institute.

College is equipped with more than 800 Computers, state of art software, 380 MBPS fully functional (24X7) internet connectivity, and intranet with fiber optic backbone. In 2008-09 Seth WHM Trust donated a New Library building named as Ajit Gulabchand Central (AGC) Library with more than 1,00,000 volumes, more than 2000 international e-Journals, plus Hard copy journals (national and international) etc.

Brief History

- 1947** – Established on **23rd June 1947** by Late Shri **Dhondumama Sathe** as: **New Engineering College, Sangli** One of the oldest engineering Colleges in the State of Maharashtra (90 Acres Land)
- 1955** – Name changed to: **Walchand College of Engineering**
- 1971** – **First** in Shivaji University Kolhapur (SUK) area to start **PG programs** and **Only Research Center** in engineering till 2004
- 1977** -- Started receiving 90% **Grant in Aid from Government of Maharashtra**
- 2003** -- Selected for **TEQIP** Phase –I & II. Applying for Phase-III. First College in SUK to get NBA Accreditation for 5 UG Programs
- 2007** -- Institute became **Autonomous** (**1st** college in SUK area).
- 2012** – First College in Shivaji University Kolhapur (SUK) to get NBA Accreditation for 5 PG Programs
- 2014** – UGC **Extended the Autonomy** till 2020

Chairman's Profile

Ajit Gulabchand – Chairman and Managing Director of Hindustan Construction Company Ltd – hails from a family of nation-builders who have contributed to the development of modern India for over a century.

Over the past 25 years, Mr. Gulabchand has spearheaded the transformation of HCC from a construction major into a diversified infrastructure group. With a group turnover of over Rs.10,353 crore (US \$ 1.7 billion), the HCC Group of companies includes HCC Ltd., HCC Infrastructure, Lavasa Corporation and Steiner AG.

As Chairman of Lavasa Corporation Ltd, Mr. Gulabchand is the visionary behind the concept of free India's planned Hill City – Lavasa. He is also Chairman of Zurich-based Steiner AG, Switzerland's second largest total services contractor.

Alongside his responsibilities at HCC, Mr. Gulabchand holds leadership positions in several key industry bodies. He is a member of the Governor's Steering Board of the Infrastructure and Urban Development Community at the World Economic Forum, Geneva. He is a member of the UK India Business Council (UKIBC) Advisory Council. He is a former President of the International Federation of Asian and Western Pacific Contractors' Associations (IFAWPCA) – a body that promotes international fellowship and cooperation in developing beneficial relationships between governments and contractors.

Mr. Gulabchand is the Chairman of the Governing Council of the Construction Skills Development Council of India and President of the Construction Federation of India. He is a member of the Advisory Board of United Nations Disaster Risk Reduction – Private Sector Partnership. He has also taken over as the Chair of the Steering Board of the Disaster Resource Partnership (DRP), launched at the World Economic Forum Annual Meeting 2011 with the full mandate of the Infrastructure and Urban Development Governors community. DRP is an international alliance of engineering and construction (E&C) companies, the public sector and humanitarian organizations. They have made a mutual commitment to improve humanitarian response when natural disasters occur through the direct application of E&C skills and assets and address disaster risk reduction and resilience building.

A vocal advocate of sustainable development, Mr. Gulabchand is the first Asian signatory to endorse the United Nations' Global Compact's CEO Water Mandate in March 2008. HCC has consistently endeavoured to improve water use efficiency at its direct operations by executing a range of interventions to reduce, recycle, reuse and recharge water. HCC's case study highlights its efforts towards water neutrality and showcases its initiatives at its projects. More recently, HCC was awarded "Global Sustainability Leadership Award for "Best Community Action' – HCC's Community Development Project – 'Ujjivana'.

Mr. Gulabchand is a strong supporter and patron for several technical institutions in India. He is the Chairman of the Board of Governors of the National Institute of Construction Management and Research (NICMAR) and Chairman of the Administrative Council of the Walchand College of Engineering. His other associations with industry bodies include:

- Member of Board of Trustees – New Cities Foundation
- Member of the National Council of the Confederation of Indian Industry (CII)
- Executive Committee Member of TERI's (The Energy and Resources Institute) Business Council for Sustainable Development (BCSD) (2013-15).



Shri. Ajit Gulabchand

Directors Message



Dr. G.V. Parishwad

Walchand College of Engineering, established in 1947, is one of the oldest engineering colleges in India. Since its inception, Walchand has never wavered from its path to triumph and making it large. It keeps producing world class engineers every year, who not only satisfy the technical needs that help develop the country but also fulfill the needs of the world by being up to date and environmentally caring.

The institute has recently restructured its laboratories, bringing in modern and advance Grade equipment for helping students become technically strong and accomplishing substantial milestones. Faculty, staff and students strive for the goals of making our institute deliver to the country, a brilliant and talented generation of engineers every year.

The institute has strong industry and institute association. It has developed many of its labs with the help of industrial sustenance. With this collaboration most of its labs are state-of-the-art with technologies used in the eminent industries. WCE alumni have made the college proud with their success. Their achievements help the future generation of graduates by providing them with industrial knowledge and experience.

The faculty members of the institute are research oriented, thereby promoting its students to favor such paths too. R & D is right now the prime of any industry and WCE support its students to be involved in such activities. With a state-of-art Central Library with national/international journals and a massive number of reference books for every subject and specialized books on various topics, the students find it very easy to develop a research oriented mind-set. WCE encourage work on research projects helping them grow professionally and making them systematic and multidiscipline oriented.

In accordance with the Vision and Mission, the institute devotes itself to create graduates with inquisitive minds who have a perpetual desire for knowledge. The institute believes in its students growing from all aspects. The graduates should not only be technical aces but they should also be good human beings, hence the institute nourishes its students to make them ethical, moral and virtuous so that they serve their purpose of helping this country and making it a better place to live. For this the institute support technical, cultural, social and sports activities. These help them become strong team players, to boost their confidence and to inculcate in them the qualities to achieve their goals and become world class leaders.

The institute is governed by Administrative Council which was reconstituted in 1956. The chairman of the Administrative Council who guided the progress of the institute with their vision to the path of glory:

Chairman, Administrative Council			
Sr. No.	Name	From	To
1	Shri N. Dandekar	1956	1965
2	Seth Lalchand Hirachand	1968	1974
3	Seth Bharat G. Doshi	1974	1975
4	Seth Lalchand Hirachand	1975	1981
5	Shri M.S. Parkhe	1981	1983
6	Seth Vinod L. Doshi	1984	1994
7	Justice Shri B. N. Deshmukh	1994	1996
8	Shri Ajit Gulabchand	1996	Onwards

Director's Address to Outgoing Students on 5th Graduation Day Ceremony (on 29th May 2015)

Respected Chief Guest of today's function, Minister of Road Transport Highways and Shipping **Shri Nitin Gadkari**; In-charge Vice Chancellor Shivaji University, Kolhapur **Dr. A.S. Bhoite**; Minister for Co-operation, Marketing and Textiles, Public Works; and Guardian Minister of Sangli, **Shri Chandrakant dada Patil**; Chairman of Administrative Council of Walchand College, Sangli and Chairman and Managing Director, HCC, **Shri Ajit Gulabchand**; members of Administrative and Academic Council, invited dignitaries and guests, media persons, all graduating students and their family members, members of Faculty, Staff, ladies and gentleman; It gives me immense pleasure in welcoming you all to this historic institution, on this auspicious occasion of graduation ceremony of the fifth batch of engineers of autonomous Walchand College of Engineering, Sangli. A very good morning to all of you.

Today a total of **582** students will be awarded their certificates of which **445** are **B. Tech.** and **137** are **M. Tech.** who graduated last year. On behalf of the entire Walchand Community, I congratulate all of them for the successful completion of their graduation programs and for making their parents proud.

Walchand College of Engineering, one of the oldest in the country, has a solid standing of about **68 years** and is one of the most sought after colleges in Maharashtra. As of now, Walchand College of Engineering has **4 Diploma, 6 UG** programmes, and **10 PG** programmes; we also run **Ph.D** programmes in all the six disciplines.

The Institute spread over **90 acres** area is blessed with a state of art-Library, known as **Shri Ajit Gulabchand Central Library**. It has a total space of about 5000 square metres. It has got a good collection of more than one lakh printed volumes of books, journals and periodicals. The Library also has more than 1000 e-Books and 1500 online e-journals to support the work of research by students and faculty. In this academic year library has purchased Books of **Rs. 12.50 Lakhs**, subscribed to e-journal costing **Rs. 26.36 lakhs** and purchased Book scanner, SLIM Software, English Interview Simulator and GATE software for **Rs.8.75 Lakhs**. All electronic resources are available through Institute Intranet and are accessible from student hostels and departments as well.

The **Central Computing Facility (CCF)** takes care of maintaining the Institute LAN and provides computing resources—both hardware and software—to students and faculty. The overall Internet bandwidth available to the institute users is **380 Mbps**. Out of this 80 Mbps is specially allocated to the Student Hostels. 100 mbps are available from NKN. The library, reading room and the CCF facilities are kept open to students for 24 hours.

I am proud to have taken up the responsibility as the Director of this college from last one year. Walchand College of Engineering, Sangli experienced renaissance, especially after becoming autonomous institute since 2007 under the valuable guidance of our visionary Chairman, Shri Ajit Gulabchand and other distinguished members of Administrative Councils. I am glad to present before you the Annual Report for the academic year 2014-15. This academic year has been year of fulfillment, both for academic and non academic achievements.

Academic and Exam Reforms

This year we have started with many academic and examination reforms. We brought more flexibility in the curriculum by the introduction of Interdisciplinary Electives in the Third and Fourth Year. Students from one branch can now take subject from other branches. In order to provide industrial exposure during the graduation we made a provision of one-semester project work during 8th Semester. This year 67 students went to different Industries for their final year project. To have exposure to select students to different learning environments we have made the Provision of option for one-semester credit Transfer through Academic Linkage with other prestigious Institutes. Now third year students can be exchanged with other colleges like IIT, VJTI, SP College Mumbai, COE, Pune, SGGsIT, Nanded, DBATU, Lonere, other IITs and NITs for one semester. We have restructured academic year in to Two Major Semesters and One small Summer Term. In June and July now students can go to industries for Internship, or they can take online courses from IITs, NPTEL, or MOOCs, etc. or they can take Mini Projects. Students with backlog will be re-taught those subjects and then they will appear for Make-up examination. We have also increased our association with Industries by signing MOU with Industries like, John Deere, Danfoss, Tata Technologies, SandRiver Technologies, Mentor Graphics, NASSCOM, etc. from India and Agile Developer, USA. With Tata Technologies, Pune we are running courses in 3D PLM for students. John Deere from Pune has supported in developing 'Advanced Research Centre in

Embedded Design' to assign live industrial projects for students. Danfoss, Chennai has donated 32 Cut sections of various RAC products in the Mechanical Engineering Department.

Walchand College is Selected for TIFAC grant from Maharashtra Government for students from 2015-16 wherein **30 UG** students will get **scholarship of Rs. 10000/- pm** for doing their final year project in Small Scale or Medium Scale industries near Sangli.

IIT Bombay has selected WCE Sangli as Nodal Centre for Virtual Lab for MHRD Initiative under the National Mission on Education through ICT.

UGC granted extension of autonomous status to Walchand College for the second term of 6 years from 2014-15 to 2019-20 based on the recommendations of an Expert Committee of UGC, which visited our college in November 2014. Accreditation of Most of the UG and PG programs has taken place in previous three cycles by NBA. The Institute has again applied for 5 UG and 5 PG programs for new Accreditation Term.

Result Analysis and Academic Achievements

Out of the total **445 B. Tech.** students have completed their Examination in first attempt **161** are the **girl students**. 384 students (i.e. **86.3%**) have secured **first class and above**. Percentage of securing First class is **83.81%** among **boys** and **90.70%** for **girls**. For **M.Tech.all137 (100%)** students have successfully completed their post graduation in their first attempt and passed with First Class.

In this Academic Year many of Walchand students have excelled in different Competitive exams. **Mr. Abhaysingh Mohite** from CSE-2010 Batch from WCE has **Top Ranked in Maharashtra in MPSC-2015 Examination**. This year more than 60 students qualified in all India **GATE-2015 examination** in different disciplines. Out of these 22 students secured AIR of less than 1000. **Harshwardhan Ronge** with (**AIR 151**) and Aditya Shivshankar (AIR 371) from Mechanical Engineering while Rohit Sarode with (AIR 267) from Civil Engineering topped the list. Graduate Students give **GRE exam** go for higher education in reputed universities abroad. **Vijaysinh Jadhav** from Civil **scored 331**; Aditya Shivshankar from Mechanical 328; Suraj Shah from CSE 321; and Saurabh Gandhi from IT scored 315 out of 340 maximum. Thirteen students from Last year have taken admissions at IIM, Bangalore, Kozicode, Lucknow, Indore, Ahmadabad, Raipur, etc. Hearty Congratulations to these students for their excellent achievements.

Placements

After graduation there is always great anxiety among the students and their parents about placement of these students in reputed companies. As compared to last two years, Placements have further improved this year, particularly for PG students. This year till last week, 74 companies have visited the campus for placement. Till now total **405 UG** students are placed out of 461 Registered (**87.5%**). Total **83 PG** students are placed out of 147 (**56.5%**). Average salary is about 4 LPA. This year **Maximum salary of 16 LPA** was offered by a Software company Amazon, While Zelemma offered 12 LPA. Wipro, Accenture and Infosys were the top recruiters.

Hearty Congratulations to all students who are placed through campus placement. The placement is still going on so best of luck to the remaining students.

Other Achievements of the students

Students are encouraged to participate in various sports and cultural activities with the aim of a holistic personality development. The Institute has successfully organized its annual national level technical symposium **VISION-2015** and Annual Social Gathering **ASG-2015** in Feb. 2015.

This year a **National player in diving** team, **Mr. Prem Pottabatti** from **B.Tech. (Mech.)** received the N.D. Patil Award of 'Best Player in Aquatics' from Shivaji University, Kolhapur.

120 WCE students participated in various Zonal and Inter-zonal sports organized by Shivaji University Kolhapur in games like Cricket, Basketball, Football, Chess, Volleyball, Badminton, Table Tennis, Softball etc. 40 students qualified for Inter Zonal Tournaments. 3 students: **Shreyas Lohiya (T.Y. Electrical - Table Tennis)**; **Tanvee Joshi (F.Y. Mechanical-Badminton)** and **Tejaswini Nangare (S.Y. Electronics - Chess)** were selected for Inter-University Tournaments. WCE Badminton team (Boys) won the Inter-zonal event for the first time. Both Boys and Girls team have won the Badminton Zonal matches. Similarly, in Table Tennis Boys and Girls teams have won the Zonal Tournaments. In Boys Cricket team was 3rd at Zonal level.

Swarrop Waykole (S.Y. Civil) and Tanvee Joshi (F.Y. Mechanical) won the Gold Medal in Mixed Doubles Badminton Matches at Zest-2015 at COE, Pune. Even WCE Diploma Boys Cricket Team and Chess Team have won the zonal matches.

Students also organized blood donation camp twice in a year in August 2014 and Jan. 2015. About 600 students donated blood.

Faculty Activities

The Institute has highly qualified and dedicated faculty. At WCE, Sangli there are **80 regular** and **48 contractual** teaching faculties for **degree** out of which **31** are **Ph.D.**; while there are **26 regular** and **10 contractual** faculties for **Diploma** side. In Diploma also there are **5 Ph.D.** Faculties and one more has submitted.

The faculty of the Institute is encouraged to undertake sponsored research and industrial consultancy. In last three years the institute has received **research projects** worth **Total Rs. 3.5 Crore** through various funding proposals. This year we have also submitted a proposal of Rs. 1.5 Crore to DST under FIST. Various departments have generated total of **Rs. 70 Lakh** through **Testing** and **Consultancy** during **2014-15**. In this year Walchand Faculty members have published more than **100 Research Papers** in the International Journals and Conference. Fourteen faculty members visited different countries. Five more faculties are planning to go abroad in next few months for conferences and training. Two patents are obtained and nine patents are filed by WCE faculties.

This year **Prof. S. B. Joshi** from Mathematics has got the Invitation **Hokkaido University Japan** for 15 days in June 2015 for carrying research work.

This year we have successfully conducted the German Language Course for the students in association with MaxMullar Bhavan Pune and Goethe Institute. 12 students have got the A₁ level Certificate from MaxMullar Bhavan Pune. **Prof. Dabir** is now invited to attend the training programme for German Language teachers offered by **Goethe Institute in Germany** for One Month in July 2015.

Prof. Munavalli from Civil department received S.V. Patwardhan Prize for best paper published in Journal of Indian Water Works Association. **Prof. Dharmadhikari** Head of Electronics department has placed his webinar on 'Modern Teaching Tools' on IUCEE portal which was attended by faculties from more than 100 colleges and this webinar was viewed by more than one lakh viewers on YouTube channel.

WCE is successfully continuing its journey in TEQIP phase II in upgrading the Post graduate and Research infrastructure. WCE has received Rs. 10.50 Crore till now and already spent Rs. 9.00 Crore.

Many eminent experts visited WCE Sangli during the academic year 2014-15. **Prof. Lueny Morell, USA; Prof. Dick Morling** Head of Electronics department from University of Westminster, **UK; Prof. P. Chandrashekhar**, Professor of Civil Engineering, **California State University**, Fullerton; Padma Vibhushan **Dr. Anil Kakodkar** and Dr. A. V. Sapre, from Rajiv Gandhi Science & Technology Commission; **Dr. G. D. Yadav**, Vice Chancellor of ICT University, Mumbai visited our institute this year and interacted with Faculties, students and staff.

IT and Mathematics departments jointly organized **International Workshop** on "Algorithmic Game Theory" in December 2014. The resource persons were from USA, Germany and IITs. The workshop was sponsored by Max Plank University Germany.

With 68 years of history in producing quality engineers, WCE has a rich Alumni base that has significantly contributed in the nation building process. The Institute takes pride in their achievements and organizes the Alumni Meet every year during the second week of January. I urge every outgoing graduate to register with us as alumni, keep in touch and share your experiences with us from time to time.

With this brief overview, I once again congratulate all the successful graduates and post graduates and wish you all a memorable, meaningful and rewarding career. May you emerge as world-class engineers, scientists or entrepreneurs! Prove yourselves as good human beings and worthy citizens of this great country. I also compliment your parents and guardians, who have come to see you on this auspicious occasion of your life.

Thank you all. Good luck and happy time to all young friends. **JaiHind!**

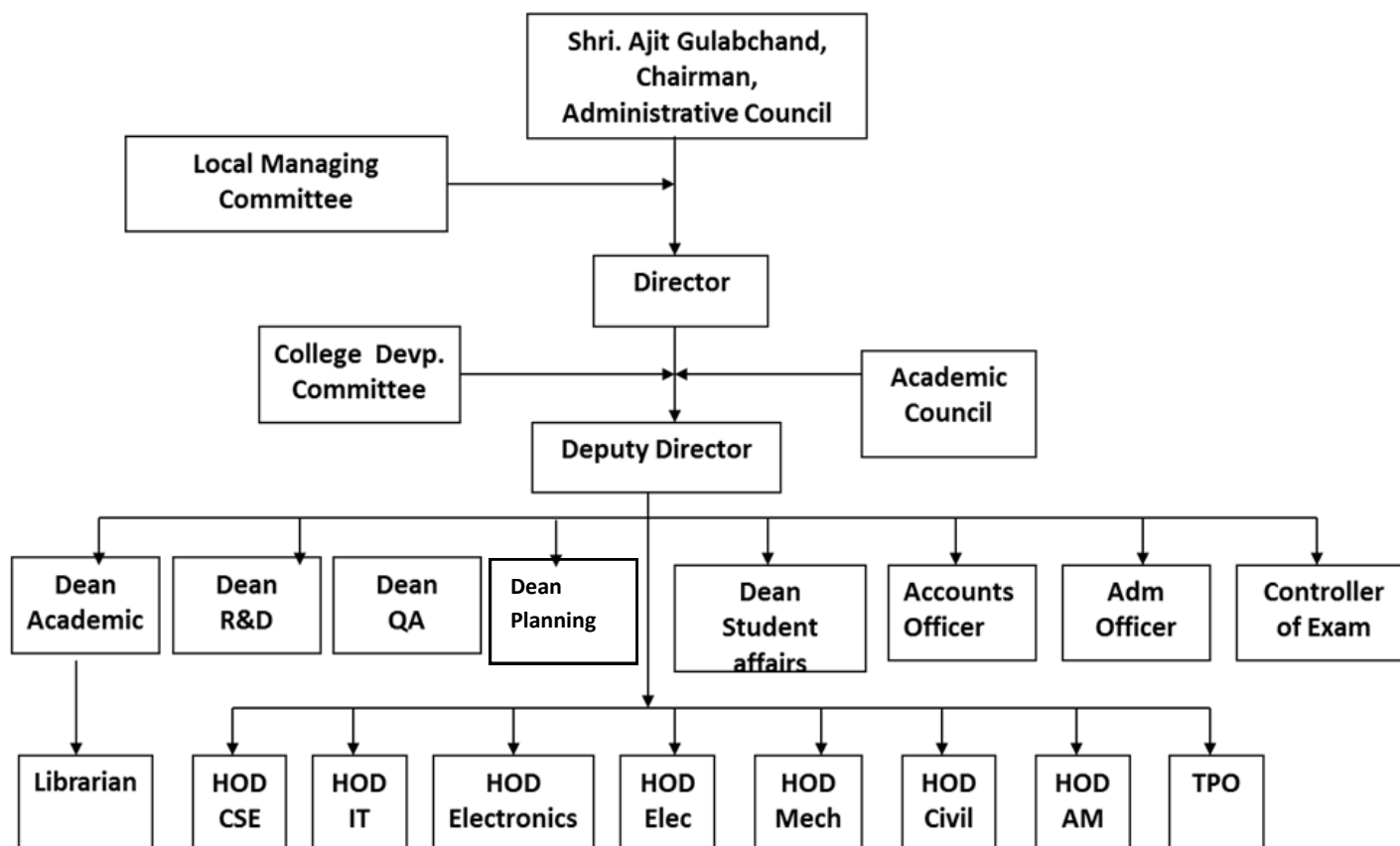
Highlights of Annual Report 2015-16

- 5th Graduation Ceremony held on 29th May 2015 at WCE Sangli graced by Shri Nitin Gadkari, Minister of Road Transport Highways and Shipping, Govt. of India, Dr. A. S. Bhoite, In-charge Vice Chancellor, Shivaji University and Shri Chandrakant Patil, Minister for Co-operation, Marketing and Textiles, Public Works and Guardian Minister of Sangli as a Guest of Honors, and Shri Ajit Gulabchand, Chairman of the Administrative Council of the college. 441 UG and 135 PG students were awarded their Certificates.
- Annual Alumni Meet 2016 successfully organized on 9th Jan. 2016. Shri Bhaskar Sawant, B.E. (Electronics-1991), CMD-Mahadiscom, Jaipur; Shri Hemant Gadgil, B.E. (Mech-1982) and Head Centre of Excellence, 3DPLM; Shri Deepak Shinde, B.E. (Civil-1979), MD-Shanti Pre-stressed Concrete, Shri Vivek Sabnis, BE (Electronics-1991), Head Nandan Nilekani Foundation, Shri Dipak Abhyankar, B.E. (Electrical-1991), consultant PPP, Ministry of Finance, Gol; Shri Shriniwas Patil, BE (Civil-1981) President of APS, etc. were felicitated during the program.
- NBA Committee visited Walchand College during 15-17th January 2016 for accreditation of five UG Programs: Civil, Mechanical, Electrical, Electronics and IT departments under Tier-I format. The NBA expert committee conducted on-site evaluation of the programmes and submitted the report to NBA. The NBA approved 5 years of Accreditation to Civil Engineering department and two years of Accreditation for Mechanical, Electrical, Electronics and Information Technology department's w.e.f. 01-07-2016. We have also applied for accreditation of five PG Programs.
- A committee of National Assessment and Accreditation Council (NAAC) of UGC had visited college from 17-19th March 2016. Walchand College of Engineering at Sangli has received 'A' grade for five years in the accreditation with 3.25 score out of 4.
- Performance Auditor Dr. K. Balaveera Reddy and Data Auditor Dr P.B. Daigavane visited WCE, during February 22-24, 2016 and carried out TEQIP-Performance and Data Audit.
- Annual Prize Distribution Ceremony held on 17th October 2015.
- NRI Admissions started from this Year. Total 7 Gulf and 2 NRI students took admissions at WCE, Sangli in 2015-16.
- AICTE sanctioned Rs.43 Lakh for the proposal on "Learning Factory" submitted by the college. Also Rs. 8.25 Lakh and Rs. 4.32 Lakh received from RGSTC under TIFAC scheme for the second phase.
- Industrial Electronics Department of Polytechnic Wing organized WALTRONICS-2015, a State Level Technical Paper Presentation Competition on 7th September 2015.
- Two live Webinars arranged by IUCEE delivered by Shri N.V. Marathe on 24th July 2015 on "Discrete Fourier Transforms" and by Shri V.B. Dharmadhikari 29th July 2015 on "PIC Microcontrollers".
- Annual Social Gathering, ASG-2016 organized successfully during February 12-14, 2016. Comedy Artist Shri Ajitkumar Kosthi inaugurated the Gathering.
- In 2014-15 Annual examination results: out of total 1934 UG students 1737 (89.72%) and out of total 445 PG students 430 (96.63%) passed in all subjects. Result of Final Year UG is 97.61% whereas that for PG is 100%.
- 92 UG (CSE: 57, IT: 32 & Electronics: 3) and 92 PG (Mechanical: 45, CSE-IT: 19, Electronics: 16, Electrical: 9 and Structures: 3) Final Year students took up final semester internship in Pune, Bangalore, Mumbai, Chennai, Sangli, etc.
- Out of 2000 teams at All India Level Technology & Innovation Contest, "Techno-Champ: 2015", Organized by John Deere, Pune, WCE S.Y. B.Tech. Team was 1st Runner's up for their Project on "Real Time Inventory Verification System".
- WCE team of 10 UG students won the 'Best Design Prize' in the National Level Event "Efficars-2016" at Institute of Engineering and Technology, Chandigarh during 21-24th January 2016. The team designed, developed and manufactured an electrically driven two seated car, guided by Shri A.U. Paranjpe, and Dr. K.H. Inamdar.
- WCE alumni Vikram Virkar from CSE-2010 batch scored AIR-881 in UPSC-2015 exam; Vijaysinh Jadhav UG-Civil-2015 got admission in Stanford University for MS in Energy Program.
- WCE Boys and Girls Badminton teams won the Badminton Zonal Championship 2015 held at RIT, Sakharale on 22-23rd August 2015. Girls team also won inter-zonal championship. Chess team was third in Zonal championship. WCE student's team won the Zest Cricket Championship at COE, Pune in January 2016.

1. INSTITUTE, TEACHING, LEARNING & RESOURCES

1.1 Organizational Chart and Various Major Committees

Policies Approved by the Administrative Council are implemented by the Director and his team at the Institute level. The **Organizational Chart** of the Institute is given below:



The institute is governed by Administrative Council. The **Administrative Council** was formed in 1956.

- The Institute is governed by an autonomous body - **Administrative Council**.
- Constitution of **Administrative Council** (A.C.) is Six members from Trust
- Government Nominees as under
 - * Two AICTE nominees
 - * DTE, Mumbai
 - * AICTE (RO), Western Region
 - * Shivaji University, Kolhapur Nominee
 - * GoM Nominee
 - * Two Teaching Faculty
 - * Director of the institute (Member Secretary)

Frequency of Meetings of AC : 4 times in a year

1	Mr. Ajit Gulabchand, CMD, HCC, Mumbai	Chairman
2	Ms. Shalaka Gulabchand, HCC, Mumbai	Member, Trust Nominee
3	Dr. V.N. Gupchup, Ex. Principal, VJTI, Mumbai	Member, Trust Nominee
4	Mr. C.N. Gandhi, Industrialist, Pune	Member, Trust Nominee
5	Mr. R.P. Purohit, HCC, Mumbai	Member, Trust Nominee
6	Dr. U.N. Gaitonde, IIT, Mumbai	AICTE Nominee, Member
7	Dr. D.R. More, Director, BCUD, SU, Kolhapur	Shivaji Uni. Nominee, Member
8	Dr. S.K. Mahajan, DTE, M.S., Mumbai	DTE, Maharashtra, Member
9	Mr. R. Unnikrishnan, WRO, Mumbai	WRO, AICTE, Member
10	Dr. Shivajirao Kadam, VC, BVU, Pune	UGC Nominee
11	Mr. Makarand Deshpande, Activist, Sangli	GOM Nominee
12	Dr. P.J. Kulkarni, WCE, Sangli, Faculty	Faculty representative
13	Dr. K.S. Wagh, WCE, Sangli, Faculty	Faculty representative
14	Dr. G.V. Parishwad, Director, WCE, Sangli	Director and Secretary

The Administrative Council (AC) meetings are held regularly four times in a Year. The dates of all AC and Review meetings during the next two years are decided in advance by the management, are known to all in advance, and are followed scrupulously. The AC meetings were held in 2015-16 on following dates:

SN	Meeting No.	Date	Location	Attendance
1	AC-209	29-May-2015	AGCL, WCE, Sangli	7
2	AC-210	25-Aug-2015	HCC, Mumbai	9
3	AC-211	15-Dec-2015	Hotel Trident, Mumbai	6
4	AC-212	03-Mar-2016	Hotel Oberoi, Mumbai	8

Key Functionaries:

Prof. Dr. G.V. Parishwad	Director
Prof. Dr. P.J. Kulkarni	Dy. Director
Dr. G.R. Munawalli	I/c Dean-Academics
Dr. K.S. Gumaste	I/c Dean-Quality Assurance
Prof. Dr. A.P. Vaidya	Dean-Research & Development
Dr. V.D. Salkar	I/c Dean-Planning
Dr. B.G. Patil	I/c Dean-Students Welfare
Mr. S.B. Dhaigude	TPO & I/c Dean-Industry & Alumni Interactions
Prof. Dr. P.G. Sonavane	HOD-Civil Engineering
Prof. Dr. U.A. Dabade	HOD-Mechanical Engineering
Dr. D.S. More	I/c HOD-Electrical Engineering
Dr. V.B. Dharmadhikari	I/c HOD-Electronics Engineering
Dr. B.F. Momin	I/c HOD-Computer Science Engineering
Dr. Mrs. S.P. Sonavane	I/c HOD-Information Technology
Prof. Dr. S.N. Tande	HOD-Applied Mechanics
Dr. S.B. Joshi	I/c HOD-Science & Humanities
Prof. Dr. S .P. Chavan	I/c Registrar
Dr. S.A.N. Inamdar	Librarian
Dr. M.M. Waware	Controller of Examinations
Dr. K.H. Inamdar	Chief Rector
Mr. N.V. Marathe	OSD-Legal
Mr. R.G. Bhosale	I/c Vice Principal Polytechnic Wing

Various Committees

Various committees are formed for the purpose of decentralization of power and for smooth functioning of various activities and implementation of policies.

Finance Committee (FC): It is one of the very important committee which is constituted by the Administrative Council. If required Accounts Officer and Auditors are also invited for the meeting. This committee looks into all finance related activities of the Institute. They meet regularly study the Income and Expenditure Statements, Institute Balance Sheets and Departmental Budgets, or getting approval for any major expenses etc. and after detail discussions and suggestions they recommend them to the Administrative Council for approval.

Constitution by post	Function
<p>Chairman: Mr. Ajit Gulabchand, CMD, HCC, Mumbai</p> <p>Members: Shri. S.K. Mahajan, DTE, Maharashtra State Shri. Chakor Gandhi, Industrialist, Pune Shri Ravindra Purohit , Management Representative. Mr. R. Unnikrishnan, WRO, Mumbai Dr. G.V. Parishwad, Director, Member Secretary</p> <p>Invited Members : Dr. P.J. kulkarni, DY. Director, Shri Milind Sathe, Internal Auditor Mrs. Surekha Dound, Accounts Officer</p>	<ul style="list-style-type: none"> • To monitor all finance related activities of the college • To review and recommend quarterly Balance Sheet and Income and Expenditure Statements of the college for approval from higher authorities • To review and recommend Annual Budgets for College, Activity account and Hostels for the financial year of the college for approval from higher authorities • To suggest all finance related policies of the college • Frequency of meeting: Four Times a year

Mostly Finance Committee Meetings are held prior to Administrative Council meetings to finalize the financial matters. The details of FC meetings held in the financial year 2015-16 are as follows:

SN	Date	Location	Attendance
1	9-July-2015	WCE, Sangli	6
2	18-Aug-2015	CG Office, Pune	6
3	1-Dec-2015	DTE Office, Mumbai	6
4	3-Mar-2016	DTE Office, Mumbai	6

Local Management Committee: support and guide the Institute locally. Six members of the committee are nominated by Administrative Council, while 3 members are elected from Faculty and one from support staff. The names of present Local Management Committee is given below:

Constitution by post	Function
<p>Chairman: Shri. Shishir Shirgaonkar, CMD, Ugar Sugars Industries</p> <p>Members: Smt. Prabhatai Kulkarni , Industrialist Shri Ravindra Purohit , Management Representative. Shri Ashok Sawant, Entrepreneur Shri Makarand Deshpande, Industrialist Shri Shriniwas Patil, President Alumni Association.</p> <p>Elected faculty Members : Dr. M.M. Waware, Associate Professor Shri K.V. Madhale , Assistant Professor Shri A.U. Paranjpe, Assistant Professor Shri S.S. Kulkarni, Non-teaching staff Dr. G.V. Parishwad, Member Secretary</p>	<ul style="list-style-type: none"> • To recommend to the higher authorities the schemes for better functioning and governance of the college • To prepare & recommend, financial budget of the college for approval from higher authorities • To recommend, filling of teaching and non-teaching positions to higher authorities • Frequency of meeting: Twice a year

Local Management Committee (LMC) meetings are held twice a year. The details of meetings held during 2014-15 are as follows:

SN	Meeting No.	Date	Location	Attendance
1	LMC-54	4 th February 2015	AGC Library, WCE, Sangli	10
2	LMC-55	26 th February 2016	Conference Hall, WCE, Sangli	11

Organization and Governance

- Budget gets approved in AC meeting held in February
- Yearly Financial audit and statements of accounts are approved in the AC meeting of May every year
- Graduation Ceremony function is organized every year in May at WCE, Sangli. First held in May 2011
- Approval for the proposal of Purchase of high end equipment, major construction activity, appointment of faculty, etc. is sought in AC meeting
- Local Managing Committee (LMC) acts as bridge between management and institute.

Other Institute Level Committees

Institute Related Committees	Direct Student Related Committees
<ul style="list-style-type: none"> • Academic Committees: <ul style="list-style-type: none"> • Academic Council • Academic Standing Committee • Board of examinations • Purchase Committee • Building and Works Committee • Library Committee • Campus Maintenance Committee • Admission • TEQIP Implementation Unit • Internal Quality Assurance Cell (IQAC) 	<ul style="list-style-type: none"> • Gymkhana • Hostel • Canteen • Training and Placement • Discipline • Grievance • Anti-Ragging

Academic Council (Apex Academic Body)

Constitution	Function
<p>Chairman: Director Member Secretary: Dean Academics Members:</p> <ul style="list-style-type: none"> • All HoD's • All Professors • Four Associate Professors • One expert each from industry, education, Law • Nominees of SUK 	<ul style="list-style-type: none"> • Scrutinize and approve BoS proposals. • Prepare and approve academic RRs. • Proposals for new programs and academic activities

1.2 Academic Programs and Admissions (Diversity) Details of AY 2015-16

Intake of Diploma Programs

Sr. No.	Program	Starting Year & Current Intake	
		Diploma	
1	Civil Engineering	1955	40
2	Electrical Engineering	1955	60
3	Mechanical Engineering	1955	60
4	Industrial Electronics	1970	40
Total First-Year-Intake*			200

Intake and Status of NBA Accreditation: UG Programs

Sr. No.	UG Programs	Starting Year	Intake	NBA-I	NBA-II	NBA-III
1	Civil Engineering	1947	60	2003-08 (5)	2016-21 (5)	--
2	Mechanical Engineering	1955	60	2003-06 (3)	2007-12 (5)	2016-18 (2)
3	Electrical Engineering	1955	60	2003-06 (3)	2007-12 (5)	2016-18 (2)
4	Electronics Engineering	1986	60	2003-06 (3)	2007-12 (5)	2016-18 (2)
5	Computer Science Engineering	1986 2000	60 90	2003-06 (3)	2007-10 (3)	2013-15 (2)
6	Information Technology	2001	60	2016-18 (2)	--	--
Total First Year Intake			390 +39*			

*20% Lateral Entry at Second Year

Intake and Status of NBA Accreditation: PG Programs

Sr. No.	PG Programs	Start Year	Initial/Current Intake	NBA-I	NBA-II
1	Civil-Environment Engineering	1971	(12)18	2013-16 (3)	
2	Civil-Structural Engineering	1971	(12)30	2012-15 (3)	Applied
3	Mechanical-Production Engineering	1995	(18)30	2013-16 (3)	
4	Mechanical -Design Engineering	1971	(12)30	2012-15 (3)	Applied
5	Mechanical -Heat Power Engineering	1971	(12)18	**	
6	Electrical-Control Systems	1971	(12)18	2012-15 (3)	Applied
7	Electrical-Power Systems	1971	(12)18	**	
8	Electronics Engineering	1987	(18)30	2012-15 (3)	Applied
9	CSE-Computer Science Engineering	1998	(18)30	**	
10	CSE-Information Technology	2012	(18)18	Applied	
Total First Year Intake			(144) 240		

PhD Programmes

Recognized Research Center of Shivaji University, Kolhapur (SUK) in all the disciplines of Engineering since 1971. Produced **31 Ph.D.s** in last five years; Currently **65** registered with SUK. Also Recognized QIP **minor research** centre of central government with two Ph.D. seats for each branch (except IT) from 2012 (Total 10). Currently **07** registered for Ph.D. under QIP scheme in different departments.

Number of Ph.D.s Completed in Last Five Years

Department	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Civil Engineering	0	2	0	0	1	3
Mechanical Engg.	3	3	0	3	1	10
Electrical Engg.	1	0	2	1	0	4
Electronics Engg.	2	3	3	1	2	11
Computer Sci. Engg	2	0	0	1	0	3
Total	8	8	5	6	4	31

At present the number of students registered in PhD program in engineering are 72 (including faculty) out of them 7 students are working full time under QIP

Admissions Details of AY 2015-16

Admissions to the four-year B.Tech. for the academic year 2015-16 were made along with the other autonomous institutions in the state on the basis of IIT JEE. Admissions to two-year M.Tech. Programs were based on the GATE and CET score followed by personal interview. Department wise and category wise admission details are as under:

First Year B.Tech. Admission Maximum and Minimum Cut-off marks at WCE of AY 2015-16

SN	College Name	Mechanical		Electrical		Civil		Computer		Info. Tech.		Electronics		Ave. Cutoff	
		Open	OBC	Open	OBC	Open	OBC	Open	OBC	Open	OBC	Open	OBC	Open	OBC
1	COEP, Pune	98.07	97.76	98.21	98.06	97.59	96.94	99.39	99.09	98.61	98.52	98.95	98.23	98.47	98.10
2	VJTI, Mumbai	97.54	96.53	97.75	97.10	95.83	93.77	99.31	98.31	98.51	97.28	98.26	97.27	97.87	96.71
3	WCE,Sangli*	96.19	95.95	95.33	93.63	96.77	91.49	96.35	94.91	95.36	95.25	94.78	94.77	95.80	94.33
4	SPCE, Mumbai	96.52	92.67	95.69	93.62	94.74	91.12	-	-	-	-	-	-	95.65	92.47
5	PICT, Pune	-	-	-	-	-	-	96.65	97.23	95.77	95.75	92.60	87.54	95.01	93.51
6	KJ Somaiya, Mum.	94.06	97.35	-	-	-	-	96.66	-	94.65	-	93.38	-	94.69	
7	VIT, Pune	95.27	94.90	-	-	-	-	96.84	96.33	96.01	95.17	90.05	89.11	94.54	93.88
8	GCOE,Amravati	96.04	95.84	94.59	92.56	94.06	93.25	95.44	94.93	91.81	89.73	92.30	90.21	94.04	92.75
9	DJ Sanghvi, Mum.	92.37	96.15	-	-	-	-	94.47	91.49	93.85	-	94.35	-	93.76	93.82
10	GEC, Aurangabad	96.32	87.60	91.99	89.38	90.78	89.63	95.75	93.15	92.48	88.04	92.92	91.76	93.37	89.93
11	MIT, Pune	96.10	96.82	-	-	86.46	91.46	96.17	94.75	94.22	93.97	90.26	86.41	92.64	92.68
12	SGGS, Nanded	88.01	93.87	89.06	85.30	87.67	86.00	94.14	90.88	85.74	84.74	89.28	86.87	88.98	87.94
13	Cummins, Pune	80.00	81.08	-	-	-	-	88.07	79.31	87.59	76.12	80.42	69.46	84.02	76.49

* If we refer Cut-off Marks at top 13 Engineering Institutes in Maharashtra, WCE Sangli Ranked 3rd after COE Pune, VJTI in 2015-16.

Year wise Total Strength of Students

Branches	2012-13			2013-14			2014-15			2015-16		
	UG	PG	PhD	UG	PG	PhD	UG	PG	PhD	UG	PG	PhD
Civil	293	47	4	296	59		281	83		289	93	
Mechanical	298	82	4	292	106	5	288	144	1	294	156	
Electrical	291	44		288	60	2	291	72		286	72	
Electronics	298	36		293	48		286	61		291	61	1
CSE	447	36	5	438	48	1	431	60		437	60	2
IT	289	17		290	35		286	36		283	36	
Total	1916	262	13	1897	356	8	1863	456	1	1880	478	3

Number of PG students has more than doubled in last four year

First Year UG & PG Admission Details

All admission seats got filled with very high cut-off marks as shown in the following tables, with overall 26.38% girls at UG level and 55.39% reserve category students while the percentage girls at PG is 22.50% with overall 52.08% students from reserved category.

Admission Details of UG 2015-16			
Branch	Male	Female	Total
Civil	46	18	64
Mechanical	54	12	66
Electrical	48	17	65
Electronics	44	18	62
CSE	71	28	99
IT	44	17	61
Total	307	110	417
Percentage	73.62	26.38	100
R. Category	169	62	231
Percentage	55.04	56.36	55.39

Admission Details of PG 2015-16			
Branch-Specialization	Male	Female	Total
Civil-Environmental	12	6	18
Civil-Structural	27	3	30
Mechanical-Heat Power	17	1	18
Mechanical-Production	26	4	30
Mechanical-Design	27	3	30
Electrical-Power System	15	3	18
Electrical-Control System	13	5	18
Electronics	14	16	30
CSE	21	9	30
CSE - IT	14	4	18
Total	186	54	240
Percentage	77.50	22.50	100
Reserved Category	98	27	125
Percentage	52.68	50.00	52.08

Analysis of UG Students (Gender and Category-wise)

Branch	2012-13			2013-14			2014-15			2015-16		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
Civil	212	81	293	216	80	296	188	93	281	196	93	289
Mechanical	224	74	298	220	72	292	210	78	288	219	75	294
Electrical	208	83	291	202	86	288	194	97	291	189	97	286
Electronics	177	121	298	166	127	293	162	124	286	168	123	291
Computer	280	167	447	280	158	438	250	181	431	264	173	437
Info. Tech.	158	131	289	163	127	290	155	131	286	161	122	283
Total	1259	657	1916	1247	650	1897	1159	704	1863	1197	683	1880
Percentage	65.71	34.29		65.74	34.26		62.21	37.79		63.67	36.33	
Resd. Category	667	320	987	651	321	972	579	350	929	620	346	966
Percentage	52.98	48.71	51.51	52.21	49.38	51.2	49.96	49.72	49.87	51.80	50.66	51.38

Analysis of PG Students Admitted

Year	Intake	Admitted		GATE Qualified	
2010-11	126	89	70.63%	35	39.33%
2011-12	126	125	99.21%	92	73.60%
2012-13	144	142	98.61%	122	85.92%
2013-14	216	216	100.00%	159	73.61%
2014-15	240	240	100.00%	205	85.42%
2015-16	240	240	100.00%	200	83.33%

- Intake capacity of PG students has almost doubled in last 5 years;
- 100% admissions in last three years.
- Percentage of GATE qualified students has also doubled.

Program wise admission of PG students in last 4 years

Dept.	Programme	Intake	Student	Student	Student	Student
	M. Tech.	PG	2012-13	2013-14	2014-15	2015-16
Civil	Environmental Engineering	18	23	29	34	36
	Structural Engineering	30	24	30	49	57
Mechanical	Design Engineering	30	23	40	60	60
	Heat and Power	18	23	30	37	36
	Production Engineering	30	36	36	48	60
Electrical	Power Systems	18	22	30	36	36
	Control Systems	18	22	30	37	36
Electronics	Electronics	30	36	48	60	61
CSE	ComputerScience Engineering	30	36	48	59	60
IT	Information Technology	18	17	35	36	36
Total		240	262	356	456	478

- Percentage of female students is consistently increasing. (Diversity); currently it is 37% with 50% in reserved category.

Organization and Governance

A. Academic Practices

- Department level academic
 - * Academic policies by respective Board of Studies, (BOS)
 - * Academic monitoring by Department Advisory Board, (DAB), HoD/ program coordinator, Department Academic Coordinator, (DAC), class coordinator, course teacher under the guidance of Dean Academics
 - * Course assessment/evaluation by respective faculty coordinated by Department Examination Coordinator, (DEC) under the guidance of HoD/Dean Academics/CoE
- Conduct of MSE and ESE, result processing, result analysis by Examination cell under the guidance of Controller of Examination, (CoE).
- Internal and external Academic quality audits coordinated by Dean QA and IQAC cell
 - * E-course book
 - * Question paper audit
 - * Course delivery
- Biometric attendance system for faculty, staff and students
- Close monitoring of academic activities as per Academic Calendar
- Various Deans with HoDs to ensure overall progress of the programs and development of the institute.

B. Recruitment Procedure and its effectiveness

- Recruitment rules of faculty and staff are strictly as per the GoM, DTE norms
- Every year the advertisements for faculty on regular basis are published in national/regional news papers.
- A committee with University and DTE nominees and Experts from other reputed Institutes select faculty.
- Vacant faculty positions are filled on contract basis. (Twice in a year).
- RTI Disclosures

1.3 Faculty (Regular & Contractual), Faculty-Student Ratio, Staff Strength for UG in 2015-16:

	Sanctioned	Regular	Ad-hoc	Total
Degree Faculty				
Professor	14	11	06	17
Associate Prof.	27	29	05	34
Assistant Prof.	68	39	39	78
Total Faculty	109	79	50	129
Diploma Faculty				
Vice Principal	1	0	0	01
HOD	4	1	0	05
Lecturer	34	24	16	40
TPO	1	1	0	01
Total Faculty	40	26	16	42
Non-Teaching Staff				
Technical	65	52	15	67
Class IV	91	67	12	79
Administrative	46	34	17	51
Total Staff	202	153	44	197

Faculty (Cadre) Regular UG, PG and Staff Position: 2015-16

Positions	Teaching Faculty						Non-teaching Staff		Technical	
	Professor		Associate Professor		Assistant Professor		M	F	M	F
	M	F	M	F	M	F				
Sanctioned posts	23		39		80		138		64	
Recruited (Regular + Contractual)	10+5	1+1	25+1	4+0	33+6	6+2	77+50	7	53+16	0+2
Total	17		30		47		134		71	

Faculty Diversity: 70-75% Alumni of WCE, 25 – 30% from other colleges in Maharashtra or other states

Visiting faculty : 5 to 10%

Regular Degree Faculties as on March 2016

Faculty Summary					
Academic Year	Number of Regular Faculty Only				
	Male		Female		Total
	With PhD as Highest Degree	With M.Tech. as Highest Degree	With PhD as Highest Degree	With M.Tech. as Highest Degree	
2015-16	31	37	4	7	79
2014-15	26	43	5	7	81
2013-14	20	34	4	6	64

Details of Regular UG Faculty as on March 2016:

S N	Full Name of Faculty	Desig- nation	Highest Degree	Year of Comple- tion	Teaching Experi- ence		Industry/Research Experience		Total Experience		Age
					Year	Month	Year	Month	Year	Month	
Civil Engineering Department											
1	Wagh Keshav Shrinivas	Prof.	PhD	1979	29	3	0	0	29	3	61
2	Sonavane Pratap Ganpati	Prof.	PhD	2008	24	7	2	0	26	3	49
3	Salkar Vitthal Dnyandev	Asso.	PhD	2015	29	3	2	0	31	3	54
4	Munavalli G R	Asso.	PhD	2003	24	7	0	0	24	3	51
5	Gumaste Krishnakedar S	Asso.	PhD	2005	22	8	6	0	28	8	50
6	Bapat Sharad Shridhar	Asso.	M.Tech.	1982	30	3	5	0	35	3	59
7	Wagh Chandrakant H.	Asst.	M.Tech.	2015	17	3	0	0	17	3	46
8	Kokane Anant K	Asst.	M.Tech.	2008	5	3	4	0	9	3	34
9	Mali Amol Kamalakar	Asst.	M.Tech.	2007	6	8	2	0	8	8	35
10	Deshpande Pusushottam K	Asst.	M.Sc.	1986	14	3	0	0	14	3	52
Average					20	5	2	1	22	6	49
Applied Mechanics Engineering Department											
11	Tande Shrirang Nivrutti	Prof.	PhD	2005	23	3	0	0	23	3	52
12	Kadam Sachin Balasaheb	Asst.	PhD	2015	8	3	0	0	8	3	41
13	Pol Chandrakant Balakrishna	Asst.	M.Tech.	2002	11	3	0	0	11	3	38
Average					14	3	0	0	14	3	44
Mechanical Engineering Department											
14	Parishwad Gajanan V	Prof.	PhD	1999	27	7	4	3	31	10	56
15	Chavan Shrirang Pandurang	Prof.	PhD	2007	27	3	1	0	28	3	62
16	Gawali Bajirao S	Prof.	PhD	2005	23	3	0	0	23	3	48
17	Dabade Uday Anna	Prof.	PhD	2008	18	9	2	6	21	3	43
18	Inamdar Kedar Harihar	Asso.	PhD	2007	15	3	2	0	17	3	42
19	Patwardhan Mukund B	Asso.	M.Tech.	1981	22	3	12	0	34	3	59
20	Chougule Rahul G	Asso.	PhD	2005	6	8	11	5	18	1	36
21	Sapkal Sagar Ulhas	Asso.	PhD	2013	13	3	0	0	13	3	36
22	Dabir Jamil M	Asst.	M.Tech.	2015	10	1	8	2	28	3	52
23	Gaikwad Sharad Vasantao	Asst.	M.Tech.	2011	10	11	9	8	20	7	44
24	Naik Babaso N	Asst.	M.Tech.	2012	11	3	0	0	11	3	35
25	Khot Maruti M	Asst.	PhD	2015	9	0	1	1	10	1	37
26	Paranjpe Amar Uday	Asst.	M.Tech.	2005	7	1	3	6	10	7	34
27	Jagtap Suhas Dhondiram	Asst.	M.Tech.	2010	3	8	5	5	9	1	33
28	Mane Pravin Ashok	Asst.	M.Tech.	2008	5	8	1	10	7	6	33
29	Patil Ajeet Pandurang	Asst.	M.Tech.	2008	5	8	1	0	7	8	32
30	Swami Virbhadra B	Asst.	M.Tech.	2009	6	8	0	0	6	8	32
31	Admuthe Abhinandan B	Asst.	M.Tech.	2009	5	8	0	0	6	8	31
32	Chanmanwar Rahul Mohan	Asst.	M.Tech.	2012	2	1	0	0	3	2	27
Average					12	3	3	4	16	3	41
Electrical Engineering Department											
33	Vaidya Anil Pralhad	Prof.	PhD	2005	29	3	1	6	30	9	55
34	Patil Dadgonda Rajgonda	Asso.	PhD	2012	33	4	3	0	36	4	62
35	Vanmane Shankar Shivappa	Asso.	M.Tech.	1991	30	3	0	0	30	3	57
36	More Dagdu Shankar	Asso.	PhD	2010	25	3	4	2	29	5	50
37	Patel NitinKumar Vithalbhair	Asso.	M.Tech.	2001	19	11	0	0	19	11	42
38	Patil Ajay Babagounda	Asso.	M.Tech.	1999	20	3	0	0	20	3	46
39	Waware Madhukar Maruti	Asst.	PhD	2012	14	2	0	0	14	2	40
40	Hasabe Ramchandra P	Asst.	M.Tech.	2006	12	3	1	0	13	3	39
41	Ms. Shaikh Saba Latif	Asst.	M.Tech.	1999	11	3	8	0	19	3	44
42	Ms. Diwan Seema Pradeep	Asst.	M.Tech.	2009	7	3	2	0	11	3	39
43	Mohale Vijay P	Asst.	M.Tech.	2013	2	1	0	0	2	9	27
44	Karvekar Sushil S	Asst.	M.Tech.	2013	2	1	0	0	2	1	28
Average					17	3	1	8	18	11	44
Electronics Engineering Department											
45	Ms. Deshpande Shradha S	Prof.	PhD	2011	29	0	0	0	29	0	53
46	Kore Sunil Nilkanth	Asso.	M.Tech.	1990	26	3	3	0	29	3	57
47	Dharmadhikari Vidyadhar B	Asso.	PhD	2015	26	3	3	0	29	3	51
48	Patil Babasaheb Gopal	Asso.	PhD	2015	24	3	3	0	27	3	50

S N	Full Name of Faculty	Designation	Highest Degree	Year of Completion	Teaching Experience		Industry/Research Experience		Total Experience		Age
					Year	Month	Year	Month	Year	Month	
49	Dhaigude Sanjay Bhagwan	Asso.	M.Tech.	2001	22	3	0	0	22	3	48
50	Marathe Narayan Vasudeo	Asso.	M.Tech.	2000	19	3	3	0	22	3	45
51	Tamhankar Sunil Gopal	Asso.	M.Tech.	2000	15	5	2	0	17	5	45
52	Ms. Agashe Amrita Anil	Asso.	PhD	2009	15	3	6	0	21	3	43
53	Ms. Savgave Prerna Nitin	Asso.	B.E..	1990	19	3	0	0	19	3	52
54	Ruikar Sachin D	Asso.	PhD	2013	13	3	2	0	15	3	39
55	Parchandekar Sanjaykumar	Asst.	M.Tech.	2011	21	3	0	0	21	3	46
56	Mevekari Rajan Gulab	Asst.	M.Tech.	2009	6	3	0	0	6	3	47
57	Gaikwad Vishal R	Asst.	M.Tech.	2010	7	3	4	0	11	3	38
Average					18	11	2	0	20	11	47
Computer Science and Engineering Department											
58	Kulkarni Prakash Jayantrao	Prof.	PhD	1993	33	3	5	0	38	3	58
59	Momin Bashirahamad F	Asso.	PhD	2008	22	3	4	6	26	9	49
60	Ms. Bhandari Smriti H	Asso.	PhD	2010	5	9	14	0	21	2	44
61	Surve Anil Ramchandra	Asst.	M.Tech.	2007	17	3	0	0	17	3	47
62	Ms. Shah Medha Abhijeet	Asst.	M.Tech.	2008	16	3	2	0	18	3	40
63	Chavan Manik Kishan	Asst.	M.Tech.	2011	10	3	0	0	12	6	40
64	Gavankar Nitin L	Asst.	M.Tech.	2011	12	3	0	0	12	3	37
Average					16	9	3	8	20	5	45
Information Technology Department											
65	Kulkarni D B	Prof.	PhD	2005	26	1	0	0	26	1	48
66	Ms. Sonavane Shefali Pratap	Asso.	PhD	2010	15	6	1	6	17	0	45
67	Chavan Umesh B	Asst.	M.Tech.	2004	5	9	18	0	23	9	46
68	Kharat Prashant Krishnarao	Asst.	M.Tech.	2007	12	3	0	0	12	3	37
69	Narnaware Manish B	Asst.	M.Tech.	2010	5	0	1	9	6	9	38
70	Rathod Ravindra Ramkishan	Asst.	M.Tech.	2011	11	4	0	0	11	4	37
71	Ms. Shirodkar Bharati D.	Asst.	M.Tech.	2008	12	3	0	0	12	3	42
72	Umbarkar Anantkumar J.	Asst.	M.Tech.	2002	14	3	0	0	14	3	38
Average					12	10	2	8	15	6	41
Physics Department											
73	Madhale Kiran V	Asso.	PhD	2010	20	3	0	0	20	3	45
74	Jamadar Bashir N	Asst.	M.Sc.	2002	2	3	0	0	13	3	37
Average					11	3	0	0	11	3	27
Chemistry Department											
75	Pendse Milind Hari	Asso.	PhD	1993	24	3	3	0	27	3	51
76	Powar Anil Anandrao	Asso.	M.Sc.	1995	20	1	0	0	20	1	44
Average					22	2	1	6	23	8	32
Mathematics Department											
77	Joshi Santosh B	Asso.	PhD	1996	23	3	0	0	26	3	50
78	Ms. Girgaonkar Vasudha	Asst.	M.Sc.	1997	10	3	0	0	10	3	42
79	Ms. Khot Renuka M	Asst.	M.Sc.	2012	2	1	0	0	2	1	26
Average					11	10	0	0	11	10	39
Grand Average					15	11	2	3	18	4	43

Details of Contractual Faculty as on March 2016:

S N	Full Name of Faculty	Designation	Highest Degree	Year of Completion	Teaching Experience		Industry/Research Experience		Total Experience		Age
					Year	Month	Year	Month	Year	Month	
Civil Engineering Department											
1	Ali Mohammed Samsudin	Asst.	M.Sc.	2005	6	0	3	0	9	0	36
2	Nirmale Sandesh Dipak	Asst.	M.Tech.	2013	1	0	0	0	1	0	30
3	Mohite Sai Sambhajirao	Asst.	M.Tech.	2014	0	3	0	0	0	3	25
Average					2	5	0	0	2	5	30
Mechanical Engineering Department											
4	Dr.Wadkar S B	Prof.	PhD	2010	30	0	1	0	31	0	59
5	Dr.Ghevade D V	Prof.	PhD	2013	24	3	2	0	26	3	50
6	Dr.Pawar M S	Prof.	PhD	2002	32	0	7	0	39	0	62
7	Joshi Madhav Sadashiv	Asso.	M.Tech.	1979	32	0	0	0	32	0	63

S N	Full Name of Faculty	Designation	Highest Degree	Year of Completion	Teaching Experience		Industry/Research Experience		Total Experience		Age
					Year	Month	Year	Month	Year	Month	
8	Kulkarni Jayant Gajanan	Asso.	M.Tech.	1977	37	0	1	0	38	0	66
9	Gajendragadkar Jayant G.	Asso.	M.Tech.	1977	35	0	1	0	36	0	64
10	Dr.Bali S C	Asst.	PhD	2012	4	3	0	0	4	3	33
11	Kulkarni Prasad Bidesh	Asst.	M.Tech.	2012	0	0	0	0	0	0	28
12	Mane Shirish Subhash	Asst.	M.Tech.	2012	1	0	0	0	1	0	28
13	Chumble Rohan Prakash	Asst.	M.Tech.	2014	3	0	0	0	3	0	27
14	Pujari Rajiv G	Asst.	MBA	1980	4	8	32	0	36	8	58
15	Kulkarni Harshal H	Asst.	M.Tech.	2014	1	3	0	0	1	3	27
16	Kaulgud Dhanshree Madan	Asst.	MBA	1980	20	0	0	0	20	0	56
17	Dr.Sane Narayan K	Ad.Prof.	PhD	1985	50	0	0	0	50	0	73
18	Bhalavankar V B	Ad.Prof.	M.Tech.	1985	45	0	0	0	45	0	69
19	Kale Arvind Kamalakar	Ad.Prof.	M.Tech.	1980	2	0	30	0	32	0	67
20	Limaye S H	Ad.Prof.	M.Tech.	1990	2	3	28	0	30	3	61
21	Dhole D G	Ad.Prof.	M.Tech.	1980	7	3	32	0	39	3	66
Average					17	5	7	1	24	6	51
Electrical Engineering Department											
22	Dabade Vishwajit D	Asst.	B.E.	2013	2	0	0	0	2	0	30
23	Shine Ajit	Asst.	M.Tech.	2010	5	0	0	0	5	0	30
24	Kulkarni Snehal	Asst.	M.Tech.	2015	0	2	0	0	0	2	24
Average					2	5	0	0	2	5	28
Electronics Engineering Department											
25	Dr.Subaraman Shaila S	Asso.	PhD	2000	23	0	0	0	23	0	66
26	Khare Meghana Rahul	Asst.	M.Tech.	2010	3	0	0	0	3	0	38
27	Patil Sweta Uday	Asst.	M.Tech.	2012	3	0	0	0	3	0	28
28	Khedkar Sagar Rama	Asst.	M.Tech.	2013	1	0	0	0	1	0	29
29	Mane Yashwant Bapurao	Asst.	M.Tech.	1991	0	0	10	0	10	0	51
30	Nikhade Sudhir Ganpatrao	Asst.	M.Tech.	2014	0	0	0	0	0	0	27
31	Shete J S	Asst.	M.Tech.	2014	1	0	0	0	1	0	26
32	Salunkhe A A			2014	2	0	0	0	0	0	27
Average					4	5	1	5	5	10	37
Computer Science Engineering Department											
33	Ms.Solapure Sharvari Satish	Asst.	M.Tech.	2010	7	0	10	0	17	0	43
34	Honmane Vikas	Asst.	M.Tech.	2013	2	5	0	0	2	5	28
35	More P B	Asst.	M.Tech.	2014	5	5	0	0	5	5	31
36	Ms.Dange Amrita Asokrao	Asst.	M.Tech.	2015	2	0	0	0	2	0	26
37	Rathod S M	Asst.	M.Tech.	2014	1	0	0	0	1	0	26
38	Ms.Gandhi Hetal Vipul	Asst.	M.Tech.	2013	5	0	0	0	5	0	38
39	Ms.Kshirsagar Shruti Madan	Asst.	M.Tech.	2014	1	5	0	0	1	5	27
40	Ms. Mudgol Nandinee Li	Asst.	M.Tech.	2014	3	5	0	0	3	5	27
41	Mahadeshwar S L	Asst.	M.Tech.	2015	0	0	0	0	0	0	25
Average					3	1	1	1	4	2	30
Information Technology Department											
42	Mestri Rashmi Aba	Asst.	B.E.	2008	3	0	0	0	3	0	30
43	Patil P R	Asst.	M.Tech.	2015	2	0	0	0	2	0	29
44	Dr.Kulkarni Shrikant Vishnu	Asso.	PhD	1999	14	0	18	0	32	0	55
45	Talekar Yogita Laxman	Asst.	B.E.	2012	0	0	0	0	0	0	27
46	Kulkarni Eknath Waman	Asst.	M.Tech.	2014	1	5	1	0	2	5	26
47	Sharma Yogendra R	Asst.	M.Tech.	2015	2	0	0	0	2	0	26
48	Rathi M G	Asst.	M.Tech.	2012	2	0	0	0	2	0	26
49	Mirje Asma A	Asst.	M.Sc.	2011	16	0	0	0	16	0	48
Average					5	1	2	5	7	6	30
Applied Mechanics Department											
50	Ambekar Rohan Vilas	Asst.	B.E.	2013	5	0	0	0	5	0	30
51	Gurav S P	Asso.	PhD	2005	1	0	15	0	16	0	42
52	Desai R S	Asst.	M.Tech.	2010	8	0	0	0	8	0	32
53	Patankar Jayant P	Asso.	M.Tech.	1977	27	0	0	0	27	0	66
54	Inamdar V M	Prof.	PhD	1988	2	0	0	0	2	0	61
Average					7	2	2	6	9	8	46

S N	Full Name of Faculty	Desig- nation	Highest Degree	Year of Comple- tion	Teaching Experi- ence		Industry/Research Experience		Total Experience		Age
					Year	Month	Year	Month	Year	Month	
Mathematics Department											
55	Yadav Pradnya P	Asst.	M.Sc.	2012	3	0	0	0	3	0	26
Grand Average					9	2	3	5	12	3	

Regular Diploma Faculty Details

SN	Name of Faculty	Age (Yrs)	Designation	Qualifications	Exp. (Yrs)
1	Mr. Rajendra Gangaram Bhosale	55	HOD Electrical Engg. I/c VP PW	B.E. Electrical	29
Mechanical Engineering Department					
2	Mr. Kulkarni Satish Purushottam	60	Lecturer in Mechanical Engg.	M.E. Mechanical	34
3	Mr. Kamble Ashok Vishnu	49	Lecturer in Mechanical Engg.	M.E. Mechanical	25
4	Mr. Urunkar Deepak Baburao	48	Lecturer in Mechanical Engg.	M.E. Mechanical	23
5	Mr. Anuse Bhargawaram Aganu	49	Lecturer in Mechanical Engg.	M.E. Mechanical	23
6	Mr. Tikekar Hemant Narayan	49	Lecturer in Mechanical Engg.	M.E. Mechanical	25
Civil Engineering Department					
7	Mr. Kadam Kashinath Shankar	52	Lecturer in Civil Engg.	B.E. Civil	29
8	Mr. Kulkarni Sunil Narayan	54	Lecturer in Civil Engg.	M.E. Civil	29
9	Mr. Chikurde Sunil Vasant	49	Lecturer in Civil Engg.	M.E. Civil, DCS.,DBM	20
10	Mr. Kamble Nitin Nivrutti	43	Lecturer in Civil Engg.	M.E. Civil	21
Applied Mechanics					
11	Mr. Pophare Sanjiv Mahadeo	48	Lecturer in Applied Mechanics	M.E. Civil	28
12	Dr. Padhye Rajesh Digambarrao	49	Lecturer in Applied Mechanics	M.E. Civil, Ph.D.	19
Electrical Engineering Department					
13	Mr. Mane Jayawant Yashwantrao	48	Lecturer in Electrical Engg.	B.E. Electrical	25
14	Mr. More Adikrao Shamrao	49	Lecturer in Electrical Engg.	M.E. Electrical	24
15	Dr. Apte Narayan Gangadhar	43	Lecturer in Electrical Engg.	M.E. Electrical, Ph.D.	18
16	Mr. Bhosale Akshay Rajendra	29	Lecturer in Electrical Engg.	M.Tech. Electrical	06
17	Mr. Kamble Sushant Subhash	26	Lecturer in Electrical Engg.	M.Tech. Electrical	03
Electronics Engineering Department					
18	Dr. Agashe Anil Anant	48	Lecturer in Electronics Engg.	M.E. Electronics, Ph.D.	26
19	Mr. Patil Pradeep Bhausahab	48	Lecturer in Electronics Engg.	M.E. Electronics	26
20	Mr. Sulakhe Vinayak Vishwanath	48	Lecturer in Electronics Engg.	M.E. Electronics	26
21	Mr. Narayankar Nitin Siddheshwar	32	Lecturer in Electronics Engg.	M.Tech. Electronics	09
22	Mr. Chavhan Sachin Ulhas	32	Lecturer in Electronics Engg.	M.E. Electronics	09
Applied Science Department					
23	Mr. Agnihotri Hemant Ramchandra	52	Lecturer in Physics	M.Sc. Physics, DCS	30
24	Dr. Vhankhande Balasaheb Bhimarao	40	Lecturer in Physics	M.Sc. Physics, Ph.D.	17
25	Dr. Yadav Mahadeo Krishna	58	Lecturer in Mathematics	M.Sc. Maths, Ph.D.	30
26	Mr. Dahake Dinkar Gangaram	60	T.P.O.	M.E. Mechanical	34
		Average Age	46	Avg. Experience	22

Regular Non-Teaching Staff Details:

SN	Name of Non Teaching Staff	Staff Position	Highest Qualification	Date of Joining
1	Mrs. S.S.Dound	Accounts Officer	Bsc,LLB	20.07.2013
2	Mr. Vhankade D. R.	Senior Clerk	MA	02.04.1985
3	Mr. Hankare D.B.	Senior Clerk	BA,Blib,Mlib	15.12.1990
4	Mr. Kulkarni P.G.	Senior Clerk	Bcom,MA,DCM	15.12.1990
5	Mrs. Pujari S. S.	Senior Clerk	Bcom	15.12.1990
6	Mr. R.N.Langade	Senior Clerk	Bsc,DCM,DBM	15.12.1990
7	Mr. Mane A. J.	Senior Clerk	Bcom	15.12.1990
8	Mrs. Gaikwad V. T.	Senior Clerk	Bcom	01.01.1991
9	Mr. Sawant V. B.	Senior Clerk	SSC	26.09.1978
10	Mr. Kolpe R. P.	Senior Clerk	SSC,ITI	01.12.1990
11	Mr. Dandekar M. L.	Junior Clerk	Bcom	16.08.1995
12	Mr. Kolap D. G.	Junior Clerk	Bcom	01.12.1990
13	Mrs.Sakhdeo H. G.	Junior Clerk	BA	13.07.1998
14	Mr. Honkalas Y. D.	Junior Clerk	SSC,ITI	01.12.1990

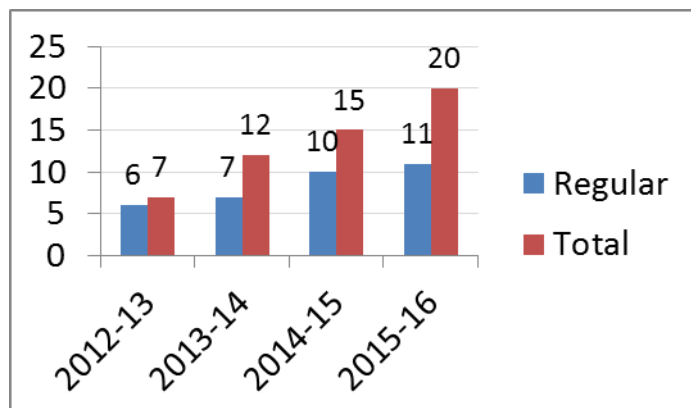
SN	Name of Non Teaching Staff	Staff Position	Highest Qualification	Date of Joining
15	Mr. Honkalas D. D.	Junior Clerk	HSC,ITI	08.09.1995
16	Mr. Mane S. P.	Junior Clerk	HSC	04.11.1997
17	Mr. Ramtirthkar D.B.	Junior Clerk	Mcom	30.12.2004
18	Mr.Gramopadhye M.P.	Junior Clerk	SSC	30.12.2004
19	Mr. Sakhare V.M.	Junior Clerk	SSC	01.03.2007
20	Mr. Satpute V.R.	Junior Clerk	BA	29.06.2000
21	Mr. Deshpande S.D.	Junior Clerk	Bsc	10.06.2002
22	Mr.Mayur S.Sutar	Junior Clerk	HSC	27.07.2010
23	Mr.Jadhav S.M.	Junior Clerk	Bcom	16.08.2010
24	Mr.D.N.Kuppanawar	Junior Clerk		04.07.2012
25	Mr. Mohite R. J.	Store Keeper	Bsc	08.05.1998
26	Mr. Takaliker G. M.	Junior Store Clerk	HSC	01.01.1990
27	Mr. Jadhav S.R.	DataEntry Operator	Bcom,DCS	01.03.2007
28	Dr. Inamdar S.A.N.	Librarian	M.A,M.Lib,Phd	01.07.1980
29	Mr. Agawane S. B.	Assistant Librarian	Bcom, Blib	20.02.2004
30	Mr. Naik A. G.	Computer Prog.	Msc, DCS	04.01.1991
31	Mr. Sanadi B. K.	Foreman	DME	15.07.1994
32	Mr. Keripale A. S.	Foreman	ME	18.01.1991
33	Mr. Nandrekar A. D.	Chargeman	DEE	20.04.1989
34	Mr. Bhandari P. V.	Chargeman	DME	24.10.1991
35	Mr. Barve P. P.	Technical Asstt.	SSC,ITI	24.10.1980
36	Mr. Watwe G. G.	Technical Asstt.	Msc.	17.06.1982
37	Mr. Jere R. G.	Technical Asstt.	Bsc	04.01.1991
38	Mr. Karmarkar R. B.	Technical Asstt.	Bsc.DCS	08.09.1995
39	Mr. Kulkarni A. R.	Technical Asstt.	DEE,BE	04.01.1991
40	Mr. Sutar R. K.	Technical Asstt.	DCE	19.09.1995
41	Mr. Kshirsagar S. W.	Technical Asstt.	Bsc	02.03.1998
42	Mr. Patil S.N.	Technical Asstt.	SSC,ITI	04.04.1991
43	Mr. Mahajan S.S.	Survey Inst.Mech.	DCE	08.09.1995
44	Mr. Desai P. M.	Junior D'man	SSC,ITI	04.01.1995
45	Mr. Shinde G. S.	Instructor	SSC,ITI	06.06.1983
46	Mr. Mujawar R. S.	Instructor	SSC Fail, ITI	06.06.1983
47	Mr. Kawane D. J.	Instructor	SSC,ITI	15.07.1994
48	Mr. Jadhav V. Y.	Instructor	SSC,ITI	15.07.1994
49	Mr. Ghatge R. G.	Instructor	SSC,ITI	01.12.1990
50	Mr. A.S.Shrawasti	Instructor	SSC,ITI	06.06.1983
51	Mr. D.A.Kothali	Instructor	DCE	16.08.1994
52	Mr. Gunde A.A.	Assistant Instructor	SSC,ITI	01.03.2007
53	Mr.Tupdale I.B.	Assistant Instructor	SSC,ITI	06.02.1990
54	Mr.Samudre D.W.	Assistant Instructor	9th,ITI	01.01.1990
55	Mr.Samudre M.J.	Assistant Instructor	SSC Fail, ITI	09.04.1990
56	Mr.Sutar Sanjay S.	Assistant Instructor	9th,ITI	01.12.1990
57	Mr. Nitave S.N.	Assistant Instructor		04.07.2012
58	Mr. Salvi A. A.	Electrician	SSC,ITI	04.07.1979
59	Mr. Koli S. B.	General Mechanic	DCE	12.06.1990
60	Mr. Malme R. K.	Plumber	9th	16.10.1989
61	Mr. Javeer U. S.	Lab.Asstt.	SSC	30.05.1990
62	Mr. Koli B.D.	Lab.Asstt.	SSC	07.03.1989
63	Mr. Joshi V. D.	Lab.Asstt.	SSC,ITI	16.08.1995
64	Mr. Sogate N. S.	Lab.Asstt.	DEE	08.09.1995
65	Mr. Jadhav K. S.	Lab.Asstt.	Bcom,DCS	16.10.1989
66	Mr. Sarode R. S.	Lab.Asstt.	HSC	01.12.1990
67	Mr. Bhide M. H.	Lab.Asstt.	DIE,DCS	11.11.1997
68	Mr. Kolpe S. A.	Lab.Asstt.	SSC	29.09.1995
69	Mr.Kolap S.B.	Lab.Asstt.	SSC	01.01.1990
70	Mr.Narayane V.D.	Lab.Asstt.	SSC,ITI	01.12.1990
71	Mr.Sutar Shivaji S.	Lab.Asstt.	SSC,ITI	16.08.1995
72	Mr.Suryawanhsi S.K.	Lab.Asstt.	SSC	08.09.1995

SN	Name of Non Teaching Staff	Staff Position	Highest Qualification	Date of Joining
73	Mr.G.B.Joshi	Lab.Asstt.	SSC	24.08.1995
74	Mr.G.N.Kamble	Lab.Asstt.	SSC	08.09.1995
75	Mr.J.N.Khandare	Lab.Asstt.	SSC,ITI	08.09.1995
76	Mr.S.S.Kulkarni	Lab.Asstt.	HSC	29.09.1995
77	Mr. Kulkarni S. R.	Lab.Attendents	SSC Fail	16.10.1976
78	Mr. Patole D. V.	Lab.Attendents	SSC Fail	26.09.1978
79	Mr. Tupdale S. B.	Lab.Attendents	9th	01.09.1979
80	Mr. Shivgan S. G.	Lab.Attendents	HSC	29.06.2000
81	Mr. Kalel S. S.	Lab.Attendents	SSC,ITI	23.02.2004
82	Mr. Magdum S. A.	Lab.Attendents	SSC	28.05.2004
83	Mr. Pawar P. R.	Lab.Attendents	SSC Fail	01.01.1990
84	Mr.Suryawanshi N.N.	Lab.Attendents	7th	10.07.1980
85	Mr.Suryawanshi P.B.	Lab.Attendents	7th	11.09.1984
86	Mr.Vadar J.H.	Lab.Attendents	9th	11.10.1989
87	Mr.Shitole A.G.	Lab.Attendents	SSC fail	16.10.1989
88	Mr.Khairmode A.N.	Lab.Attendents	9th ITI	16.04.1990
89	Mr.Soundade A.V	Lab.Attendents	3rd	01.12.1980
90	Mr. Rokade D. J.	Hamal	SSC Fail	06.06.1983
91	Mr.Suryawanshi P. D.	Hamal	9th	21.07.1988
92	Mr. Yadav S. B.	Hamal	9th	06.04.1990
93	Mr. Vichare D. A.	Hamal	9th	19.05.1990
94	Mr. Ahire V. T.	Hamal	SSC Fail	12.12.1990
95	Mr. Gawali M. P.	Hamal	9th ITI	01.12.1990
96	Mr. Awale P. V.	Hamal	SSC	16.08.1995
97	Mr. Khalipha I. M.	Hamal	2nd	18.08.1995
98	Mr. Ingawale A.P.	Peon	SSC fail, BA	08.09.1995
99	Mr. Jirnale M. C.	Peon	SSC Fail	13.10.1995
100	Smt. Pawar K.R.	Peon	9th	10.04.1996
101	Mr. Aiwale S. K.	Hamal	SSC	13.06.2000
102	Mr. Kamble P. B.	Hamal	8th	28.05.2004
103	Smt.Shitole J. S	Peon	Bcom	03.06.2004
104	Mr. Bansode M.V.	Hamal	Literate	30.12.2004
105	Mr. Kamble D.A.	Hamal	2nd	30.12.2004
106	Mr. Tupdale S.T.	Hamal	2nd	30.12.2004
107	Mr. Ajmane A.P.	Hamal	SSC	30.12.2004
108	Mr. Ubale N.D.	Hamal	9th	30.12.2004
109	Mr. Gumdale V.M.	Hamal	5th	30.12.2004
110	Mr. Mali V.Y	Hamal	6th	30.12.2004
111	Mr. Bansode S.D.	Hamal	5th	30.12.2004
112	Mr. Parit N.L.	Hamal	HSC	01.03.2007
113	Smt. Mane R.B.	Hamal	SSC Fail	01.03.2007
114	Mr. Shaikh V.H.	Hamal	Bcom	01.03.2007
115	Mr.D.B.Garate	Hamal	1st	30.12.2004
116	Mr.S.B.Dhaval	Hamal	3rd	30.12.2004
117	Mr.R.G.Marathe	Hamal	Literate	30.12.2004
118	Mr.A.K.Gurav	Hamal	3rd	30.12.2004
119	Mr.M.S.Garate	Hamal	2nd	30.12.2004
120	Mr.S.R.Khandare	Hamal	7th	30.12.2004
121	Mr.G.G.Mandavkar	Hamal	3rd	30.12.2004
122	Mr.R.T.Mandavkar	Hamal	Literate	30.12.2004
123	Mr.Subhash .B.Garate	Hamal	1st	30.12.2004
124	Mr.P.T.Soyane	Hamal	Literate	30.12.2004
125	Mr.V.S.Bawalekar(Baul)	Hamal	6th	30.12.2004
126	Mr.S.R.Dhaval	Hamal	3rd	30.12.2004
127	Mr.S.B.Pashte	Hamal	2nd	30.12.2004
128	Mr.D.S.Bussreddi	Hamal		06.06.2013
129	Mr. Tupdale F. L	Sweeper	ilterate	01.12.1980
130	Mr. Reddi R. A.	Sweeper	2nd	16.01.1991

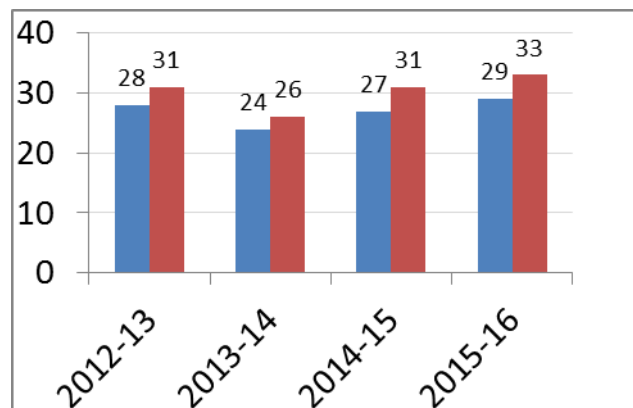
1.4 Faculty qualifications and experience

Faculty (Cadre)

Faculty Cadre: Professor



Faculty Cadre: Associate Professor



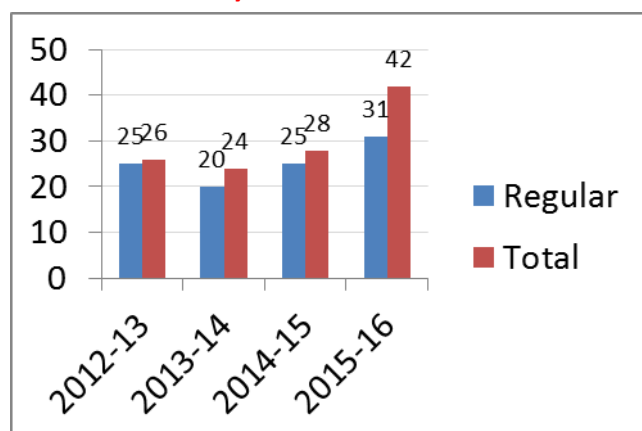
Number of Professors and Associate Professors is increasing in last three years

Faculty Position: 2015-16

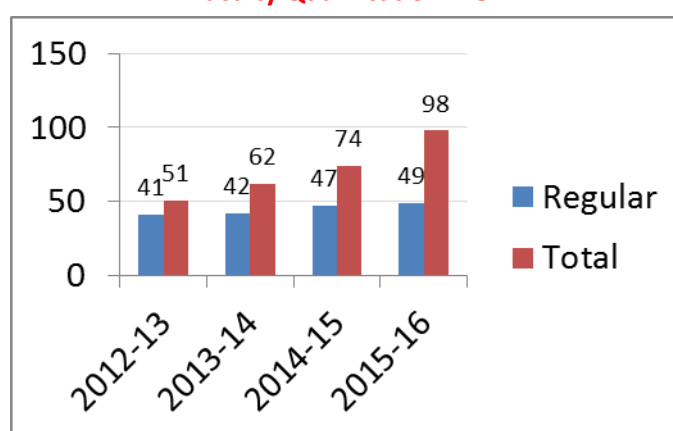
Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Regular Faculty							
Ph.D.	10	01	14	03	03	--	31
PG	--	--	11	01	30	07	49
Contractual Faculty							
Ph.D.	08	01	1	--	01	--	11
PG	--	--	3	--	29	17	49
Total	18	02	29	04	63	24	140

Registered for Ph.D.: 18

Faculty Qualification: Ph.D.



Faculty Qualification: PG



Number of PG and PhD Faculty Members is increasing in last three years

1.5 Library and Laboratory Facilities, Infrastructural Development's

Physical Resources: Central Facilities

- Ajit Gulabchand Central Library
- Central Computing facility
- Class room complex (Quadrangle)
- Workshop
- Examination Cell
- Hostels (D1-D8, Cyber, New Block)
- Tilak Hall (Auditorium)
- Gymkhana and sports
- Water Filtration plant and distribution system
- Power substation and Generator set
- Reprographic Facilities
- Dispensary
- Post office (Opposite to college premises)
- Bank (Services are extended during admissions)
- Faculty residences and staff quarters



Library Internal view

Ajit Gulabchand Central Library

- **State of art Building** with excellent ambience
- **Enough** Reading and stacking **space**
- **Rich collection** of print and digital material
- **Rich collection** of bound volumes of periodical [first issue 1919]
- Rich **book bank Scheme**
- Round the clock **study room** and **digital library** facility
- Web based OPAC and digital library
- **Open access** in the library

Ajit Gulabchand Central Library Collection

S.N.	Title	Qty
1.	Books	Volumes 103568 Titles 41966
2.	Print journals and Magazines	103 National, 13 Int. Journals
3.	E- Journals and E-books	20410 and 2253
4.	Total No. of PG Dissertations	2363
5.	Educational Video Cassettes	77
6.	Microfiche	1700
7.	Total No. of A.V. Cassette	19 sets
8.	Total No. of CD's /DVD's	3697



Ajit Gulabchand Central Library

As institute is 68 year old many institute facilities such as class rooms, hostels, laboratories, Internal Roads, Sport Facilities needed renovation in order to improve the Infrastructure. In last academic year such renovation works were carried out by Dean Planning and his team in the Institute. The amount spent on this was about Rs. 2.00 Crores.

Also through TEQIP many high end equipment worth 5.68 Crores were purchased in different Laboratories to develop the research infrastructure. A few of the major equipment are given below:

Research Facilities

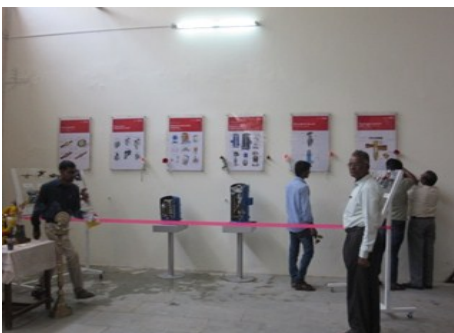
In TEQIP-I during 2004-08 WCE, Sangli received Rs.8.65 Crore for the development of UG Infrastructure. This helped us to purchase basic equipment in all the laboratories so that the entire UG practical can be conducted. We replaced all old experimental set ups with new one. In TEQIP-II we received Rs. **Rs. 12.5 Crores** (2012-16) of Funding to develop the PG and Research infrastructure. The Institute purchased **Rs. 5.68 Crores** of funds to purchase the research equipment. Some of the major equipment purchased during this period is as follows:



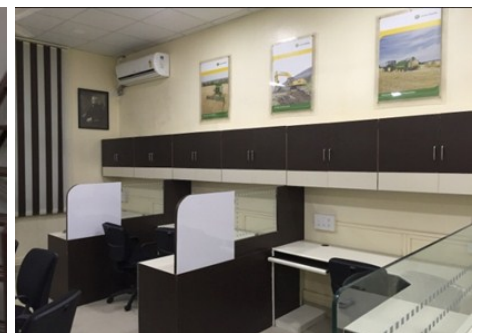
Advanced Manufacturing (AML)/CNC Lab

Total Investment of Rs. 1.23 Crore

- Integrated Multi-function CNC Machine
- S50 CNC EDM Machine
- CNC Lathe Machine
- Automatic Guided Vehicle (AGV)
- Micro Vickers Hardness Tester
- Z-Cast & AFDEX Simulation Software



Danfoss Lab



John Deere Research Lab

John Deere Sponsored Embedded System Lab in the Electronics Department and Danfoss supported Refrigeration and Air Conditioned Lab in the Mechanical Engineering Department.

Now most of the laboratories in the entire departments are equipped with basic and research equipment. Also these labs are refurbished to give them the modern look. Photos of Some of the sample labs are given below:

**Metallurgy Lab****Geotechnical Engg Lab****Power Quality and Harmonics Lab****Industrial Electronics Lab****Database Engineering Laboratory****Microprocessor Lab**

1.6 Sports and Extra-Curricular Facilities

Walchand College of Engineering, Sangli is having almost all Indoor and Outdoor Sports Facilities. It is utilized by the students during University Zonal Matches, Gathering Sports and National Sports Event Elan-west organized every Year with students from engineering colleges from all over the country participate in the sports competitions. The Photographs of the few facilities are shown below:

Indoor Sports Facilities: Gymnasium, Badminton, Table Tennis, Carom, Chess, etc.

**State of The Art Wooden Badminton Court (Vartak Hall) and fully equipped Gymnasium**



Carom and Table Tennis

Outdoor Sports Facilities: Cricket, Football, Volley Ball, Basket Ball, Tennis Courts, Jogging Track, etc



Jogging Track and Large Cricket, Hockey and Football Ground



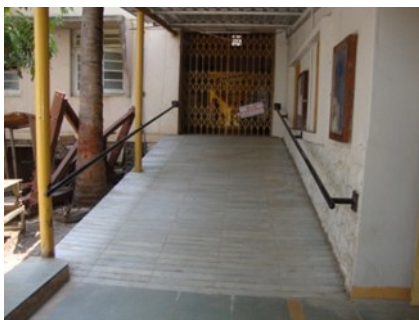
Basket Ball, Kho-Kho facility



Open Air Theatre and Indoor Auditorium (Tilak Hall) for Social Gatherings, and Other Extra Curricular Activities

1.7 Facilities for Physically Challenged Students

At Walchand College of Engineering, Sangli a very few students are severely physically Handicapped. Most of the Classrooms and Laboratories are at the Ground Floor, for which Ramps are provided at places such Library, Quadrangle, Main Administrative Buildings, etc. The Photos of these Ramps are given below:



Ramp in Quadrangle-Civil Dept



Ramp in Main Building



Ramp in Main Building Entrance

The Administrative Office and a few Laboratories of IT and Electronics Department are on the First Floor. It is planned to construct a lift in the Main building for the benefit of Physically Handicapped students.

Other Facilities

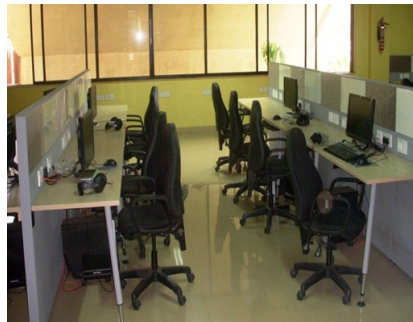
Among other facilities we have Hostels, Mess, Medical Facility, Central Computing Facility, Language Laboratory, Water Filtration and Distribution System



Medical Facility: A Doctor is appointed for campus Dispensary. Regular general check up of all students is carried out daily in the dispensary. Hostels: Total 8 Hostels with capacity of 600 boys and 550 girls.



Water Filtration Plant of 50000 liters capacity and Distribution System Power Substation with 325 KVA sanctioned Capacity and Generator set of 125 kVA capacity along with PLC and SCADA system caters to the electricity needs during load shedding.



Central Computing facility (CCF) with 150 networked computers. Campus wide networking with Fiber and Wi-Fi enabled having 24 X 7, 280 Mbps (1:1) leased line & 100 Mbps NKN internet connectivity, Language Laboratory and wide internal tar Roads in the campus

1.8 Important Events and Eminent Visitors in 2015-16:

- **Shri Nitin Gadkari**, Minister of Road Transport Highways and Shipping, **Shri. Ajit Gulabchand**, Chairman and Managing Director, HCC Group and Chairman, Administrative Council of WCE, **Dr. A. S. Bhoite**, In charge Vice Chancellor, Shivaji University and **Shri Chandrakant dada Patil**, Minister for Co-operation, Marketing and Textiles, Public Works and Guardian Minister of Sangli addressed the graduating batches of B. Tech. and M. Tech. during the 5th Graduation Ceremony held on 29th May 2015.
- **NRI Admissions** started from This Year. Total 7 Gulf and 2 NRI took admissions at WCE, Sangli in 2015-16.
- WCE is Selected for RGSTC grant for students from 2015-16 wherein 30 UG students have received scholarship of Rs. 5000/- pm for Summer-Internship in June and July and Rs. 10000/- pm for doing project in Small and Medium Scale Industries. Padma Vibhushan Dr. Anil Kakodkar, Dr. A.V. Sapre, from RGSTC, Mumbai Dr. Nirmala Kaushik, from MHRD, Delhi and Dr. S.D. Yawalkar, Jt. Director Technical Education visited WCE, Sangli on 2nd May 2015 and interacted with students, faculty and local Industry entrepreneurs and on 7th November 2015 for the selection of TIFAC Phase-II projects. They selected three projects out of 10 proposals for the stipend of Rs.10,000/- pm during January to June, 2015.
- Annual Prize Distribution Ceremony held on 17th October 2015. Shri Dayanand Meshram, Jt. Director, Directorate of Technical Education, Maharashtra State, Mumbai was the chief Guest of the function. 137 prizes of total Rs. 2.1 lakh were awarded to the students. Two faculties Prof. D.S. More (Electrical) and Prof. G.R. Munawalli (Civil) from degree; Dr. R.D. Padhye (Civil) and Shri D.B. Urunkar (Mechanical) from Diploma were awarded with 'Best Teacher Award'. Shri S.P. Mane (Office) and Shri M.H. Bhide (CCF) from Class-III; and Shri P.R. Pawar (Office) and Shri N.N. Suryawanshi (Mechanical) from Class-IV were awarded with 'Best Support Staff Award'. Dr. S.A.N. Inamdar (Librarian) was awarded with 'Special Appreciation Award'.
- Industrial Electronics Department of Polytechnic Wing of WCE, Sangli has organized MSBTE sponsored State Level Technical Paper Presentation Competition, WALTRONICS-2015, for the Final Year Diploma Engineering Students on 7th September 2015. Dr. D.R. Nandanwar, Jt. Director, D.T.E, R.O., Pune and Dr. D.R. Mankar, Dy. Secretary, R.B.T.E., Pune were the Chief Guests for the Inauguration and Valedictory function respectively. Total 69 papers were received, out of which 40 papers were presented in the Conference and best three were awarded.
- Kirloskar-Vasundhara International Film Festival (KVIFF) was successfully organized during 21-24th August 2015, under this event Nature walk, Cycle rally, Expert lecture, Photo exhibition, Poster presentation etc. were conducted. Noted Marathi actor Girish Kulkarni visited WCE and interacted with students and faculty on 22nd August 2015.
- Academic Council Meeting held on 11th April 2015. External members Dr. A.D. Sahastrabudhe, Dr. O.G. Kakade, Dr. Vikram Patil, Dr. B.N. Choudhari, Dr. S.B. Sharma, Dr. P.M. Khodake, from academics & Shri A.K. Singh, Shri Pravin Karve, Dr. J.T. Kshirsagar, from industry were present.
- Tata Consultancy Services, TCS, officials visited WCE to renew their MOU for next three year to increase association with us regarding, recruitment, Internship, faculty Training, etc and distributed Best Outgoing Student and Best Project Awards to our students on 17th November 2015.
- Guest Lecture of Shri Deepak Dhadoti, CMD of Servo-controls Aerospace India Pvt Ltd. Belgaum was organized on 17th August 2015 in the Tilak Hall on the topic of "How its cryogenic position sensors were used on this mission named MOM (Mars Orbiter Mission)" of ISRO. 220 students and teachers attended this lecture.
- **World Environment Day** was observed on 5th June 2015. Civil Engineering Dept. organized activities such as tree plantation, brain-storming session on environmental awareness and students pledged to keep environment clean.

- WCE alumni Vikram Virkar from CSE-2010 batch scored AIR-811 in **UPSC-2015** exam and joining Indian Revenue Service (**IRS**). Shri Shekhar Gaikwad, Collector (Sangli District) visited the college on 13th July 2015 and felicitated Vikram Virkar.
- Shri Akshay Habbu of CSE branch selected by IBJ, Japan (a web design company from Japan) offering a record Rs. 21 lakh annual salary. Two other students got one-month paid internship at JFE Engineering Corporation, Japan.
- WCE ranked **52nd** among engineering institutes in India in the **Outlook** (a weekly magazine) survey released on 6th July 2015. WCE rank was 55th in 2014 and 59th in 2013.
- The **Outlook** survey also ranked WCE **7th** among private engineering colleges in terms of 'Return on Investment' (i.e. average salary commanded by placed students/total fees)
- In another survey by '**Higher Education Review**' Magazine from Bangalore; this year among Top 100 Private Engineering Colleges in India WCE, Sangli is Ranked: **20th** with **Overall Performance**; **16th** with **High Quality Placement**.

2. RESEARCH, PROFESSIONAL PRACTICE AND COLLABORATIVE PERFORMANCE

Promotion of Research

Research Committee

- Review of Ph. D. progress conducted (twice a year)
 - Phase wise progress seminar is organized: Department level (HoD chairman)
 - Pre-submission seminar: Institute level (Chairman: Director, Member Secretary: Dean R and D, External Faculty)
- Review of funded research projects is arranged
 - Once a year: Institute level (Chairman: Dean R and D)

Research Culture

- Deputation under QIP and CTS
- Financial support of tuition fees is available for faculty qualification up gradation and others is provided for part time Ph.D candidates.
- Financial support for registration fees and inland /abroad travel for paper presentation at conferences is provided once in 3 yrs for foreign travel and once in a year for national travel.
- QIP minor research center
- Registration fees for filing patents.
- Encouragement for applying for research proposals and publishing papers.
- Provision for seed money for pursuing minor research project
- Most of the senior faculty of each department is recognized PG/Ph D guide and are involved in research activities

Areas of Research

Civil Engineering

- Water and Wastewater Treatment
- Modeling of Environmental Systems
- Solid Waste Management
- Air Pollution
- Constructed Wetlands Building Materials and Technologies
- Energy Efficiency in Building
- Structural Engineering, Earthquake Engineering

Electrical Engineering

- HV Engineering, Control Systems/Power Systems
- Power Electronics
- Electrical Drives, Electrical Machines

Computer Science and Engineering:

- Artificial Intelligence, Pattern Recognition
- Database , Data Mining
- Networking, Image Processing
- Information Security
- High Performance Computing, Cloud Computing
- Android Applications, ECG Signal Processing

Mechanical Engineering

- Machine dynamics and vibration modeling, Balancing
- Micromachining, Machining of MMCs
- Applied Soft Computing
- Optimization, Decision modeling
- Mechatronics, Control Systems
- Signal Processing
- Metal Casting
- Solidification Analysis, CFD
- Microstructure Modeling and Analysis
- Cryogenics, Heat and Fluid Flow Modeling

Electronics Engineering

- Signal Processing, Image Processing
- Communication Engineering
- Embedded System Design, VLSI Design
- Control Systems
- Mobile Communication. Sensor Networks

Information Technology

- High Performance Computing
- Computer Security

Mathematics

- Complex Analysis

2.1 Individual and Collaborative Research Publications and Citations and Ph.D. Guided

Research Publications

Year	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Int. Journal	13	28	31	47	92	97	308
Nat. Journal	4	7	3	4	10	8	36
Int. Conference	32	58	47	44	36	89	306
Nat. Conference	17	24	29	13	11	11	105
Total	66	117	110	108	149	205	755

Faculty Publications in 2015-16

Department	International/ National Journal	International/ Na- tional Conference	Books	Patents
Civil	09	12	-	01
Mechanical	34	28	02	-
Electrical	13	23	-	-
Electronics	10	12	-	-
Comp. Science	02	20	-	-
Info. Technology	25	03	-	03
General Science	12	02	-	-
Total	105	100	02	04

Details of Research Papers

Civil Engineering Department

SN	Type of Publication	Name of Authors	Details of Publication	Year
1	International Journal	Sunil Mane, G.R.Munavalli	"Treatability Studies with Aerobic Sequential Batch Reactor for Primary Effluent of Common Textile Effluent Treatment Plant", Journal of Institution of Public Health Engineers India, Vol. 1, Page- 43-50, 0970-3195	2015
2	International Journal	Vivek Raut, G. R. Munavalli	"Heavy metals removal by multi-species and multimedia constructed wetland: A Review", Journal of Basic and Applied Engineering Research, Vol. 2, Issue 14, Page- 1180-1182, 2350-0077	2015
3	International Journal	V.B.Chede, G.R.Munavalli	"Anaerobic sequential Batch Reactor for Treatment of Domestic Wastewater – A Review", Journal of Civil Engineering and Environmental Technology, Vol. 2(8), Page- 749-750, 2349-879X	2015
4	International Journal	V. S. Ghorpade, P.G.Sonavane	"Study of Performance Evaluations of Decentralized Wastewater Treatment Systems to treat domestic wastewater: A review", International Journal of Engineering and Technical Research (IJETR), Vol. 03, Issue-11, Page-47-49	2015
5	International Journal	Shaikh Irshad, G.R.Munavalli	"Modified Biosand filter-A Review", Journal of Civil Engineering and Environmental Technology, Vol. 2(4), Page-374-376, 2349-879X	2015
6	National Journal	V. V. Desai, G. R. Munavalli	"Performance evaluation of aerobic Sequential batch reactor-A Review", Journal of Civil Engineering and Environmental Technology, Vol. 2, Issue-5, Page-442-447, 2349-879X	2015
7	National Journal	Priya Joshi, G. R. Munavalli	"Integrated fixed bed biofilm reactor- A Review", Journal of Agroecology and Natural resources Management, Vol. 2, Issue-2, Page-165-167, 2394-0794	2015
8	National Journal	V. D. Salkar, A. R. Tembhurkar	"Evaluation of Filter Influent In Typical WTP through Monitoring Zeta Potential.", 48Th IWWA Convention Vashi, Navi Mumbai, Page-92-97	2016
9	National Journal	A,A, Hakke, V.D.Salkar	"Catalytic Reduction of Nitrates in Surface Water: A Review", ICEEE2016 Coimbatore Institute of engineering and technology, Coimbatore, Tamil Nadu	2016
10	International Conference	Y.M. Patil, G.R.Munavalli	"Reuse of greywater in green buildings for smart city development", International conference on Advances in Infrastructure and development of smart cities, at KE society's RIT, Sakharale Vol. 1, Page- 651-662	2016

SN	Type of Publication	Name of Authors	Details of Publication	Year
11	International Conference	Chandrakant Wagh	"To Study the compressive strength of Concrete by using different combination of Fly Ash and cement with Natural Sand", Advances in Civil Infrastructure and Development of smart (ICACIDS-2K16) Cities at RIT , Islampur, Page-92-96	2016
12	International Conference	V. K. Vaidya, K. S. Gumaste	"Impact on Heat Gain due to Sustainable Walling Material", International Conference on Advances in Infrastructure and Developments of Smart Cities, Page-523-529	2016
13	International Conference	Vivek. K. Vaidya, K. S. Gumaste	"Impact of Walling Materials on Heat Gain and Use Of Sustainable Walling Options for Indoor Thermal Comfort", International Conference on Energy, Environment and Engineering (ICEEE2016), Organized by Dept. of Chemistry and Dept. of Mech. Engg, Coimbatore Institute of Technology, Coimbatore, Page-14	2016
14	International Conference	Pallavi A. Vanjare, K. S. Gumaste	"Energy Assessment Of Brick Kilns and Quality of Burnt Clay Bricks in Maharashtra - A Review", International Conference on Energy, Environment and Engineering (ICEEE2016), Organized by Dept. of Chemistry and Dept. of Mech. Engg, Coimbatore Institute of Technology, Coimbatore, Page-35	2016
15	International Conference	Fariyaz Bagwan, K. S. Gumaste	"Environmental Impacts of Stone Crushing Industry : Pollution and Health Effects – A Review", International Conference on Energy, Environment and Engineering (ICEEE2016), Organized by Dept. of Chemistry and Dept. of Mech. Engg, Coimbatore Institute of Technology, Coimbatore, Page-36	2016
16	International Conference	Jyoti P. Bhusari, K.S. Gumaste	"A State Of Art Report On Ultra High Performance Concrete: Reactive Powder Concrete.", Advances in Infrastructure and Developments of Smart Cities, Page-56-63	2016
17	International Conference	S.S.Mohite, P.G.Sonavane, A.R.Patil	"Feasibility of a hybrid bioreactor to recycle domestic wastewater", Waste Management 'Recycle 2016'	2016
18	International Conference	V.D.Salkar, A.R.Temburkar	"Experimental evaluation of head loss development downflow vs upflow rapid sand filters", Hydro 2016, (international) IIT Roorkee	2015
19	International Conference	A.M. Sadawarte, P.G.Sonavane	"Potential of human urine as a fertilizer in comparison with man-made chemical", International Conference Environment and Engineering-16	2016
20	International Conference	S.S.Mohite, P.G.Sonavane, A.R.Patil	"Feasibility of a hybrid bioreactor to recycle domestic wastewater", Recycle 2016 International conference on waste management organized by IIT , Guwahati	2016
21	National Conference	C.H. Wagh	"Improving the Ripening period and Initial Effluent Quality of a Rapid Sand Filter by Coagulants as Polymer in Back Wash", IJER/2nd National Conference on Innovations in Civil Engineering NCICE-2016 At COE, Karad, Volume5, Page-239-295, 2319- 6890	2016

Mechanical Engineering Department

SN	Type of Publication	Name of Authors	Details of Publication	Year
1	International Journal	K.H. Inamdar, A.N. Gharde	"Review on the Microstructure and Microhardness of Extruded Aluminium Alloys", Journal of Emerging Technologies and Innovative Research, Vol. 2, Issue 4, Page No. 1097-1102, 2349-5162	2015
2	International Journal	K.H. Inamdar, A.S. Kulkarni	"Effect of Process Parameters on Resistance Welding", Journal of Emerging Technologies and Innovative Research, Vol. 2, Issue 4, Page No. 963-967, 2349-5162	2015
3	International Journal	Dr.K.H.Inamdar	"Review on the Microstructure and Microhardness of Extruded Aluminium Alloys", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 2, Issue 4, 1097-1102, 2349-5162	2015
4	International Journal	D. A. Kamble, B. S. Gawali	"Experimental and Numerical Investigation of Forced convection heat transfer in rectangular microchannel", International Journal of Micronanoscale heat Transfer, Vol. 5, Issue 1,	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
5	International Journal	K.H.Inamdar,	"Effect of Process Parameters on Resistance Welding", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 2, Issue 4, Page No. 963-967, 2349-5162,	2015
6	International Journal	Swami Virbhadra B.	"Design of abrasive jet machine", International Journal Of Modern Engineering Research (IJMER) Design of abrasive jet machine, 2249-6645	2015
7	International Journal	K.H.Inamdar	"Optimization of CO2 Laser Cutting Parameters of SS 304 using DOE", 5th National Conference on Recent Advances in Manufacturing (RAM-2015), SVNIT, Surat, Page No. 119-124.,	2015
8	International Journal	K.H.Inamdar	"Analysis of Mechanical Properties for the Gray Cast Iron Using SMAW Process with NiFe-CI Electrodes", 5th National Conference on "Recent Advances in Manufacturing (RAM2015)", SVNIT Surat, Page No. , 978-93-5212-6491	2015
9	International Journal	K.H.Inamdar	"Investigation of effect of process parameters on Resistance Seam Welding of Low Carbon AISI 1010 steels", 5th National Conference on Recent Advances in Manufacturing (RAM2015), SVNIT Surat, Vol. , Issue , Page No. 463-468., 978-93-5212-6491	2015
10	International Journal	S.P.Dabade, R.P.Chumble	"Automatic Sorting Machine Using Conveyor Belt", International Journal of Innovative and Emerging Research in Engineering, Vol. 2, Issue 5, Page No. 66-70, 2394 - 3343	2015
11	International Journal	A P Patil, K V Chandan	"Experimental Modal Frequency and Damping Estimation of Visco-Elastic Material by Circle Fit Method", Journal of The Institution of Engineers (India): Series C	2015
12	International Journal	Mayur Tapase, M B Patwardhan	"Metal spinning-design considerations", IJEDR, Vol. 2, Issue 3, Page No. 3004-9, 2321-9939	2015
13	International Journal	K.H. Inamdar, Y. Pawar	"Optimization of Quality Characteristics of Laser Cutting", Journal of Emerging Technologies and Innovative Research, Vol. 2, Issue 6, Page No. 1959-1963, 2349-5162	2015
14	International Journal	K.H. Inamdar, S. Sutar	"Analysis of Mechanical Properties for Welded Cast Iron", Journal of Emerging Technologies and Innovative Research, Vol. 2, Issue 6, Page No. 2012-2015, 2349-5162	2015
15	International Journal	A.D.Kadam, K.V.Desai, R.P.Chumble	"Modal Analysis of an Adhesive Joint", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Issue 6, Page No. 4137-4145, 2319-8753	2015
16	International Journal	Dr.K.H.Inamdar	"Analysis of Mechanical Properties for Welded Cast Iron", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 2, Issue 6, Page No. 2349-5162,	2015
17	International Journal	K.H.Inamdar	"Optimization of Quality Characteristics of Laser Cutting", Journal of Engineering Technologies and Innovative Research (JETIR), Vol. 2, Issue 6, Page No. 1959-1963, 2349-5162	2015
18	International Journal	K.H.Inamdar	"Analysis of Mechanical Properties for Welded Cast Iron", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 2, Issue 6	2015
19	International Journal	Rohan Prakash Chumble	"Modal Analysis of Adhesive joint", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Issue 6, Page No. 4137-4145, 2319 - 8753	2015
20	International Journal	S P Chavan, A K Kale, F A Mulla	"Experimental Investigation of the Damping Behavior of the Particle Damping in the Transient Vibrations", Springer - IEI, 2250-0545	2015
21	International Journal	Rohan Prakash Chumble	"Automatic Sorting Machine Using Conveyor Belt", International Journal of Innovative and Emerging Research in Engineering, Vol. 2, Issue 5, Page No. 66-70, 2394 - 3343	2015
22	International Journal	B.S.Gawali, Sandeep S. P	"Design Development and Testing of coaxial pulse tube cryocooler and linear compressor", Indian Journal of Cryogenics, Vol. 40	2015
23	International Journal	Hajare V. S, Gawali B S	"Experimental Study of Latent heat storage system using Nano Mixed Phase change Material", IJTMAS, Vol. 3, Issue 8	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
24	International Journal	Ramnaresh Prajapati, Pravin Mane	"Agumentation of Heat Transfer for Non Newtonian fluid using Screw Heat Exchanger", Journal of Advancement in Engineering and Technology ScienceQ	2015
25	International Journal	K.H.Inamdar,	"Optimization of CO2 Laser Cutting Parameters of SS 304 using Taguchi Method", National Journal of Manufacturing Technology Today (MTT), CMTI, Vol. 14, Issue 8, Page No. 0972-7396	2015
26	International Journal	M B Patwardhan, Ramrajesh H. Deshmukh	"Design And Development Of A Test Rig To Estimate Fatigue Life Of The Timing Belt Of I. C. Engine", IJRET: International Journal of Research in Engineering and Technology, Vol. 4, Issue 8, 2319-1163	2015
27	International Journal	Khot M. M, Gawali B. S	"Finite element analysis and optimization of flexure bearing for linear motor compressor", Elsevier-Physics Procedia, Page No. 379-385	2015
28	International Journal	Dr.K.H.Inamdar	"Analysis of Mechanical Properties for the Gray Cast Iron using SMAW Process with NiFe-CI Electrodes", National Journal of Manufacturing Technology Today (MTI), Vol. 14, Issue 10, Page No. : 0972-7396, 10	2015
29	International Journal	Chirag K. Deotare, Uday A. Dabade	"Productivity Improvement in Engine Assembly Line at GM India Ltd. Pune, India", International Journal of Latest Trends in Engineering and Technology (IJLTET), Page No. 9-16	2015
30	International Journal	K.H.Inamdar	"Microstructure and Microhardness Analysis of Extruded Aluminium Alloy AA6063", Journal of Manufacturing Engineering, Vol. 10, Issue 4	2015
31	International Journal	Patil J. D, Gawali B. S.	"Numerical analysis and parametric study of micro-channel heat exchanger for direct single phase water cooling of processors", IHMTC-2015	2015
32	International Journal	D. A. Kamble, B. S. Gawali	"Analysis of rectangular microchannel in forced convection heat transfer condition using R-22", International Journal for a clean Environment, Page No. , 2150-3621	2016
33	International Journal	Chavan S.P. and others	"Vibration characteristics Diagnosis of roller Bearing using the new Empirical model", Journal of Tribology-Transaction of ASME, Volume138, Page-011103-1 to 9	2016
34	National Journal	K.H. Inamdar, A. Awale	"Optimization of Machining Parameters in Hard Turning Process using Taguchi Orthogonal Array", National Journal of Manufacturing Technology Today, Vol. 14, Issue 5, Page No. 22-30, 0972-7396	2015
35	International Conference	S.U.Sapkal, M.M.Ghumare, L.A.Bewoor	"Application of particle swarm optimization for production scheduling", Proceedings of International Conference on Computing Communication Control and Automation, Page No. 485-489	2015
36	International Conference	Ashish Mane, Uday A. Dabade	"Analysis of High-Aspect Ratio Micro-Turning of Brass Material", Proceedings of the Fifth National Conference on Recent Advances in Manufacturing (RAM - 2015) S.V. National Institute of Technology, Surat, Page No. 33-38	2015
37	International Conference	Ronak Khandelwal, Uday A. Dabade	"Analysis of High-Aspect Ratio Micro-Turning of Brass Material Finite Element Analysis of Tube Forming by Electromagnetic Forming Process", Proceedings of the Fifth National Conference on Recent Advances in Manufacturing (RAM - 2015) S.V. National Institute of Technology, Surat, Page No. 479-484	2015
38	International Conference	G. I. Shaikh, Uday A. Dabade	"Experimental Investigation on Friction Stir Welding of Dissimilar Metals", Proceedings of the Fifth National Conference on Recent Advances in Manufacturing (RAM - 2015) S.V. National Institute of Technology, Surat – 395007, India, Vol. , Issue , Page No. 479-484,	2015
39	International Conference	Ravi Raut, Uday A. Dabade	"Performance Analysis of Electric Discharge Machining Process during Machining of Inconel - 718", Proceedings of the Fifth National Conference on Recent Advances in Manufacturing (RAM - 2015) S.V. National Institute of Technology, Surat, Page No. 148-153	2015
40	International Conference	K.H.Inamdar	"Various Methodologies for Assessment of Surface Quality", International Conference on Mechanical and Industrial Engineering (ICMIE- 2015	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
41	International Conference	Shirish Chandrakant Bali, Xiangyu Zhong, Tetsuo Shoji	"Effects of Dissolved Hydrogen on the Environmentally Assisted Cracking of 316 Stainless Steel in PWR Primary Water at 325°C", Proceedings of 17 th International conference on Environmental Degradation of Materials in Nuclear Power Systems Water Reactors, Canada	2015
42	International Conference	S.U. Sapkal, R.D. Jadhav	"Productivity Improvement by using Value Stream", Proceedings of 3rd International Conference on Industrial Engineering	2015
43	International Conference	M.M. Ghumare, L.A. Bewoor, S.U. Sapkal	"Application of particle swarm optimization for production scheduling", Proceedings of International Conference on Computing Communication Control and Automation, IEEE	2015
44	International Conference	S. C. Bali, C. Shim, Y. Takeda, T. Shoji, X. Zhong	"Short Crack Behaviour of Austenitic Stainless Steels in Simulated PWR Primary Water during Fatigue Damage and Monotonic Deformation", Proceedings of the 4th International Conference on Fatigue of Nuclear Reactor Components, Seville, Spain	2015
45	International Conference	Ravi Salgar, Uday A. Dabade	"Productivity Improvement in an Automotive Industry through First Time Quality (FTQ)", Proceedings of 9th-An International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 9) at IIT-Bombay, Mumbai.	2015
46	International Conference	O.S. Nene, S.U. Sapkal	"Investigations of steel casting by using simulation and DoE", Proceedings of the 5th National Conference on Recent Advances in Manufacturing, Vol. , Issue , Page No. ,	2015
47	International Conference	R.D. Jadhav, S.U. Sapkal	"ABC analysis in Manufacturing Company", Proceedings of 3rd International Conference on Industrial Engineering	2015
48	International Conference	M.S. Mhatre, R.S. Pawade, S.U. Sapkal and F. Siddiqui	"Prediction of EDM process parameters by using artificial neural network (ANN) – a prediction technique", International Journal of Scientific and Engineering Research	2015
49	International Conference	V. B. Jondhale, R.M. Chanmanwar, U.A. Dabade	"Development of Modular Fixture for Pinhole Operation of Compressor Valve to Improve Productivity on VMC", 3rd International Conference on Industrial Engineering (ICIE-2015) & 57th National Convention of Indian Institution of Industrial Engineering at Sardar Vallabhbhai National Institute of Technology, Surat, Vol. 1, Page No. 693-696,	2015
50	International Conference	S.R. Bhagwat, Uday A. Dabade	"Increasing Line Efficiency Using Time Study and Line Balancing at Engine Manufacturing Head Sub Assembly Line", Proceedings of 3rd International Conference on Industrial Engineering (ICIE-2015) & 57th National Convention of Indian Institution of Industrial Engineering at Sardar Vallabhbhai National Institute of Technology, Surat	2015
51	International Conference	Sunil Karidkar, Uday A. Dabade	"Experimental Investigation during WEDM of Inconel – 718 using Taguchi Method", Proceedings of 9th-An International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 9) at IIT-Bombay, Mumbai	2015
52	International Conference	Mahesh Jadhav, Uday A. Dabade	"Analysis of cutting forces, surface finish and tool wear during hot machining of Al/SiCp Metal Matrix Composites", Proceedings of 9th-An International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 9) at IIT-Bombay, Mumbai	2015
53	International Conference	Sunil S. Karidkar, Uday A. Dabade	"Analysis of Response variables in WEDM of Inconel - 718 using Taguchi Technique", Procedia CIRP, 48th CIRP conference on MANUFACTURING SYSTEMS (CIRP CMS 2015)	2016
54	International Conference	Mahesh R Jadhav, Uday A. Dabade	"Experimental Analysis of Al/SiCp Metal-Matrix Composites during Hot Machining", Procedia CIRP, 48th CIRP Conference on MANUFACTURING SYSTEMS (CIRP CMS 2015), Page No. 914 – 919	2016
55	National Conference	K.H. Inamdar, A. Awale	"Wear Behavior of Cutting Tool Materials in High Speed Turning of AISI S7 Tool Steel", 5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
56	National Conference	K.H. Inamdar, A.N. Gharde	"Microstructure Analysis of Extruded Aluminium Alloy AA 6063", 5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat, Page No. 514-519, 978-93-5212-694-1	2015
57	National Conference	K.H. Inamdar, Y. Pawar	"Optimization of CO2 Laser Cutting Parameters of SS 304 using DOE", 5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat, Vol. , Issue , Page No. 119-124,	2015
58	National Conference	K.H. Inamdar, S. Sutar	"Analysis of Mechanical Properties for the Gray Cast Iron Using SMAW Process with NiFe-CI Electrodes", 5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat, Page No. 469- 473, 978-93-5212-6491	2015
59	National Conference	K.H. Inamdar, A.S. Kulkarni	"Investigation of effect of process parameters on Resistance Seam Welding of Low Carbon AISI 1010 steels", 5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat, Page No. 463-468, 978-93-5212-6491	2015
60	National Conference	Amar Yekane, Rahul Chougule	"Casting Yield Improvement using Simulation and Modeling Technique", 3rd National Conference on science and instrumentation technology, National Institute Technology, Kurukshetra	2015
61	National Conference	S.B. Kamble, S.U. Sapkal	"Investigations of micro-drilling process for machining of Titanium alloy", Proceedings of the 5th National Conference on Recent Advances in Manufacturing	2015
62	National Conference	K.H. Inamdar	"Effect of Process Parameters on Resistance Welding-A Review", National Conference on Emerging Trends in Engineering, Technology & Architecture 2015, Page No. 209-213	2015

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SN	Type of Publication	Name of Authors	Details of Publication	Year
1	International Journal	S.S. Inamdar, A.P. Vaidya	"Performance Analysis of Solar Photovoltaic Module for Multiple Varying Factors in MATLAB/ SIMULINK", IEEE-International Conference on Smart Technologies and Management(ICSTM), Vol. , Issue , Page-633-638, , 9781479998531	2015
2	International Journal	S. S. Vanamane	"High Frequency Modulated Five Level Diode Clamped Multi-level Inverter Fed Three Phase Load By Photovoltaic System", International Conference	2015
3	International Journal	Vijaykumar Sahu, A.P. Vaidya	"Power Transformer Protection Using ANN, Fuzzy System & Clarke's Transform", ITRIC, Kolhapur, Vol. , Issue , Page-16-21, , 0	2015
4	International Journal	Pragya Mishra	"Design & Implementation of Quadrilateral Relay on TLS using NRDE", ICRI-EEECME, Page-5-8	2015
5	International Journal	Jayant Lamture, A.P. Vaidya	"Development of Distance Relay in MATLAB", ICRIEEECME	2015
6	International Journal	Vijaykumar Sahu, A.P. Vaidya	"Power Transformer Protection Using ANN, Fuzzy System & Clarke's Transform", IJAECs(International Journal of Advances in Electronics and Computer Science), Vol. 2, Issue 8 , Page- 82-87, 2393- 2835	2015
7	International Journal	G. P. Ahire, N. U. Gawali, R.P. Hasabe	"Fault Classification & Location Of Series Compensated Transmission Line Using Artificial Neural Network", International Journal of Advances in Electronics and Computer Science, Vol. 2, Issue 8, Page-77-81, 2393-2835,	2015
8	International Journal	Yakub Makandar	"Performance analysis of bidirectional DC-DC converter for Electric vehicle application", International Journal of Innovative Research in Science and Technology (IJIRST)	2015
9	International Journal	Vijay P Mohale	"Ingenious Energy Monitoring ,Control and Management of Electrical Supply", ieee, Vol. , Issue , Page-, ,	2015
10	International Journal	A.B.Patil	"ABC-Fuzzy approach for controlling nonlinear systems", Int. Journal for scientific research and development, Vol. 3, Issue. 4	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
11	International Journal	A.B.Patil	"Fuzzy PSO approach for controlling nonlinear system – a real time approach", MF IET international Summit, Page-87	2015
12	International Journal	Vijay P Mohale	"Design Passive filter using Non Traditional Technique", IJRET, Vol. , Issue , Page-, 2394-3696	2016
13	International Journal	Vijaykumar Sahu	"Design and Analysis Of A Premium Efficiency (Ie3) Induction Motor", Ijret	2016
14	International Conference	Choudhari V.V., Dongre G A, Diwan S P	"A comparison and analysis of Control algorithms for shunt active Power filter", International Conference on computation of Power, Energy, Information and Communication	2015
15	International Conference	Choudhari V.V., Dongre G A, Diwan S P	"Analysis of Active filter using time based reference current extraction techniques", PCITC (IEEE Power Communication and Information Technology conference)	2015
16	International Conference	Choudhari V.V, Dongre G A, Diwan S P	"A comparison and analysis of Control algorithms for shunt active Power filter", International Conference on computation of Power, Energy, Information and Communication	2015
17	International Conference	Nupoor P. Pailwan, M. M. Waware	"Control of Cascaded MLI with Carrier Phase Shifted PWM Scheme for PV Application", International Conference On Computation of Power, Energy, Information And Communication	2015
18	International Conference	Choudhari V.V., Dongre G A, Diwan S P	"Analysis of Active filter using time based reference current extraction techniques", PCITC (IEEE Power Communication and Information Technology conference)	2015
19	International Conference	Shrikant Pawar, M. M. Waware	"A Comparative Study On Compensating Current Generation Algorithms For Static Synchronous Compensator Under Non-Linear Load Conditions", IT Research International Conference	2015
20	International Conference	Pramod Jadhav, M. M. Waware	"Development and Performance Analysis of Electric Spring with Intermittent Renewable Energy Sources using Advanced Controller", IEEE International Conference on Technological Advancements in Power and Energy	2015
21	International Conference	S.S.Inamdar, A.P.Vaidya	"Performance Analysis of Solar Photovoltaic Module for Multiple Varying Factors in MATLAB/SIMULINK", ICSTM-2015, Page-633-638	2015
22	International Conference	P.P. Challirwar, S.S. Sonone, N. V. Patel	"Fuzzy Controller for Inverted Pendulum Controller", Computation of Power, Energy, Information and Communication	2015
23	International Conference	R.P. Hasabe	"Fault Classification and location of Series Compensated Transmission line Using ANN.", ICEEDC (IC)	2015
24	International Conference	R.R. Gatkul, N.V. Patel	"Sped Control of Induction Motor Using Sliding Mode Control", Electrical Electronics and Data Communication, Page-26-28,	2015
25	International Conference	Gatkulruturaj. R., N.V.Patel	"Speed control of induction motor using sliding mode control", Proceedings of ITResearch International Conference, Issue -6	2015
26	International Conference	R.P. Hasabe	"Fault Classification and location of Compensated Transmission line Using ANN.", ICEEDC (IC)	2015
27	International Conference	S.S. Shinde, A. J. Bedekar, N. V. Patel	"Intelligent Control Scheme for Nonlinear Systems Using Hybrid Neural Network Control Techniques", Electrical Electronics and Communication, Page-41-45	2015
28	International Conference	Santosh S. Shinde, Abhishek J. Bedekar, N. V. Patel	"Intelligent control scheme for nonlinear systems using hybrid neural network control technique", Proceedings of 31st IRF International Conference, 978-93-85465-48-2	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
29	International Conference	Pratik. P. Challirwar, Shireen. S. Sonone, N.V. Patel	"Fuzzy controller for inverted pendulum problem", 2015 International Conference On Computation Of Power, Energy, Information And Communication, 978-1-4673-6524 -6	2015
30	International Conference	R.P. Hasabe	"A cusum based fault detection technique For Compensated line during power Swing.", ICEECE (IC), Vol. , Issue , Page-, ,	2015
31	International Conference	Seema P Diwan, Sayaji Nagargoje	"A Phasor estimation of sum of complex phasors Using prony and matrix method with prefilters", IRF international Conference, Vol. , Issue , Page-, 978-93-85465-54-3,	2015
32	International Conference	Seema P Diwan, Sayaji Nagargoje	"A Phasor estimation of sum of complex phasors Using prony and matrix method with prefilters", IRF international Conference, 978-93-85465-54-3	2015
33	International Conference	Revati Godse, A.P. Vaidya	"Design and Implementation of Quadrilateral and Elliptical Relay on TLS using NRDE", 12th IEEE India International Conference, E3-C3, Jamia Millia Islamia, New Delhi 17-20 Dec 2015, Vol. , Issue , Page-1-6, 978-1-4673-6540 IEEE DoI-10.1109/INDICON. 2015.7443792	2015
34	International Conference	N. B. Deshmukh; R. D. Thombare; Pravin T. Jadhav; Dagadu S. More	"MISO Luo Positive Output DC-DC Converter for Sustainable Energy Applications", IEEE international conference on energy systems and applications, Page-1-6	2015
35	International Conference	N. B. Deshmukh; R. D. Thombare; Pravin T. Jadhav; Dagadu S. More	"Application of wind energy system with Active and reactive Power injection Into the grid", IEEE international conference on energy systems and applications, Page-1-6	2015
36	International Conference	R. D. Thombare, N. B. Deshmukh, D. S. More	"Nine Switch Bidirectional Converter for Hybrid AC/DC Micro gridSystem", International Conference Conference on Electrical, Electronics, and Optimization Techniques(ICEEOT) – 2016, Page-1-6	2016

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SN	Type of Publication	Name of Authors	Details of Publication	Year
1	International Journal	Ruikar S.D.	"Face Recognition System: Adaboost and 2DFLD", , International Journal of Computer and Communication System Engineering, Vol. 2, Issue 2, Page-293-304, ISSN: 2312-7694	2015
2	International Journal	Ruikar S.D.	"Video Based Face Recognition", International Journal of Computer and Communication System Engineering (IJCCSE), Vol. 2 Page-293-304, 2312-7694	2015
3	International Journal	Shyam Kute, S.G. Tamhankar	"A Survey on Stock Market Prediction Techniques", International Journal of Science and Research (IJSR)2319-7064	2015
4	International	Amrita Agashe,	"Design of Kalman filter for Airborne Applications", Int. Journal of Engineer-	2015
5	International Journal	Harshad S. Patil, S. S. Deshpande	"Embedded Surveillance System using Multiple Ultrasonic Sensors", International Journal for Scientific Research & Development (IJSRD), Vol. Volume 2016, Article ID 5718297, 9, DOI 10.1155/2016/ 5718297	2015
6	International Journal	Ruikar S.D.	"Video Based Face Recognition", International Journal of Computer and Communication System Engineering (IJCCSE), Vol 2, Issue 6, 2312-7694	2015
7	International Journal	K. Subbaraman, S. Subbaraman, Madhumita Naik,	"Transformational Shift to outcome based management education in India", Pizzottaite Journal, Vol 4, No 2, Page 1-5	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
8	International Journal	R.G. Mevekari, Dinesh Dange	"DC Motor Controlling rolling, Speed Control Algorithm Solution and implementations using Lab vies FPGA", International Journals for Scientific Research and Development, Vol-3 Issue -5, 2321-613	2015
9	International Journal	Nikhil Kakade, S. G. Tamhankar	"A Review: Integration Of Open Vswitch On The Open data plane Framework", International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, 2278-1021	2016
10	National Journal	Sonali Sachin Sankpal, Shraddha Sunil Deshpande	"Nonuniform Illumination Correction Algorithm for Underwater Images Using Maximum Likelihood Estimation Method", Hindawi Publishing Corporation Journal of Engineering, Volume 2016, Article ID 5718297, 9, Page-, 5718297	2016
11	International Conference	Mayur Hawelikar, S. G. Tamhankar	"A design of Linux based ZigBee and Bluetooth Low Energy wireless gateway for remote parameter monitoring", 2015 International Conference on Circuit, Power and Computing Technologies [ICCPCT], DOI 978-1-4799-7075-9/15/\$31.00©2015 IEEE	2015
12	International Conference	Sudhir G. Nikhade, A.A. Agashe	"Wireless Sensor Network System using Raspberry Pi and Zigbee for Environmental Monitoring Applications", IEEE Conference ICSTM-2015, Page-376-381	2015
13	International Conference	Harshtej Rane, S. K. Parchandekar	"A Web-Based Monitoring and Control of DC Motor using LabVIEW Environment", IEEE International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials (ICSTM)	2015
14	International Conference	Kunal Jagdale, S. K. Parchandekar	"A Smart Manufacturing Execution System", IOSR-JEEE	2015
15	International Conference	Atul Jadhav, S. K. Parchandekar	"Comparison And Performance Analysis Of Phase Frequency Detector With Charge Pump And Voltage Controlled Oscillator For PLL In 180nm Technology", IOSR-JVSP	2015
16	International Conference	Sajeed Mulla, S. S. Deshpande	"Miniaturization of Microstrip Antenna : A review", IEEE International conference on Information Processing, V.I.T., Pune.	2015
17	International conference	Deepali Loni , S. Subbaraman,	"Singer Identification Using Harmonic Spectral Envelope by Extracting Pitch of Singing Voice", 7 th International conference on intelligent human computer Interaction IHCI2015, 1877-0509© 2015	2015
18	International conference	Omkar Marathe, S. Subbaraman	"Portabel Vehicle ClassificatSystem using FPGA", International journal of Advance foundation and research in Science and Engineering, Vol 2, Issue - 1, ISSN: 2349-4794	2015
19	International conference	Anjali Patil, S. Subbaraman	"Static hand Gesture detection and classification using conyour based fourier descriptor", 9 th World Congress on Applied Science Engineering and Technology held at Goa, C.NO./WCASET/GOA/02-03/01/1106	2015
20	International conference	R.G. Mevekari, Pandurang H. Tarange, Prashant A. Shinde	"Web based Automatic Irrigation System using wireless sensor network and Embedded Linux board", International Conference on Circuit, Power and Computing Technologies [ICCPCT], 978-1-4799-7075-9/15/	2015
21	National Conference	Prashant Barad, S. Subbaraman	"Induction motor bearing fault detection based on ICA and ANN", emerging Applications, NCESC-2015	2015
22	National Conference	Aniket Budpawar	"Iris recognition based on PCA for person identification", emerging Applications, NCESC-2015	2015

Computer Science & Engineering Department

SN	Type of Publication	Name of Authors	Details of Publication	Year
1	International Journal	R. D. Kulkarni, B. F. Momin	"Skyline computation for frequent queries in update intensive environment", Journal of King Saud University – Computer and Information Sciences, 2015.04.003 1319-1578	2015
2	International Journal	Mayura B. Shinde, Hetal V. Gandhi	"Review of Adaptive Data Stream Classification", CiiT International Journal of Data Mining and Knowledge Engineering, Issue 2015, Vol. 7, Issue 7	2015
3	International Conference	Amol Jumade, S.P.Sonavane, Reena Kumari Behara	"Face Detection Using Data Mining Approach", 4th IEEE International Conference on Communication and Signal Processing-ICCS'15 Tamilnadu, Vol. 1, ISBN 978-1-4799-8080-2	2015
4	International Conference	A.R. Surve, Nikhil Rathod	"Test orchestration a framework for continuous integration and continuous deployment", IEEE Explore, sponsored International Conference on Pervasive Computing, ICPC 2015, Pune, Issue 2015 IEEE ID 424, Page- 15, 978-1-4799-6272-3	2015
5	International Conference	A.R. Surve, Hitesh Chavan	"Survey of Feature Identification in Client-side Web applications", IRAJ Research Forum International Conference on Academics on Computer Science and Information Technology, ICACSIT, , IR-ICACSITPUN-04015-229	2015
6	International Conference	Smriti H. Bhandari, Amruta G. Yadrave	"Local Binary Pattern approach for Rotation Invariant Texture Classification (Available on IEEE Xplorer)", International Conference on Circuit, Power and Computing Technologies [ICCPCT], DOI: 10.1109/ICCPCT.2015.7159346	2015
7	International Conference	A.R. Surve, Ravindra Nalavade	"Driver assistant services using ubiquitous Smartphone", IEEE Sponsored International Conference on Communication and Signal Processing, 978-1-4799-8080-2	2015
8	International Conference	B. F. Momin, Vinayak Fanase	"Proceedings of IEEE International Conference on Communication and Signal Processing-ICCS'15 (India)", Proceedings of IEEE International Conference on Communication and Signal Processing-ICCS'15 (India), 978-1-4799-8080	2015
9	International Conference	Parag Abhyankar, B. F. Momin	"Finding Approximate Head orientation in non-intrusive environment with single camera", 2015 International Conference on Advances in Computer Engineering and Applications (ICACEA) IMS Engineering College, Ghaziabad, India	2015
10	International Conference	A.R. Surve, Sachin Khirsagar	"A Survey on IDSS MANETS", TROI 6th International conference on computer Science and IT, "ICCIT 2015", Pune., Vol. 4, ISSN Print: 2394-3408 Online:2394-3416	2015
11	International Conference	Manik K. Chavan, Shrikrashna S. Kadam	"A Method for Distributed Real Time Aggregations", 6th International Conference on Computer Science and Information Technology (ICCIT 2015), Vol. 2, ISSN (PRINT): 2394-3408, (ONLINE): 2394-3416	2015
12	International Conference	Manik K. Chavan, Rahul Pise	"Parallel Algorithm for Accelerating Pattern Matching using MPI", 6th International Conference on Computer Science and Information Technology (ICCIT 2015), Vol. 2, ISSN (PRINT): 2394-3408, (ONLINE): 2394-3416	2015
13	International Conference	Rushiraj Heshi, Suma S M, Shridhar G. Koolagudi, Smriti Bhandari	"Rhythm and Timber Analysis for Carnatic Music Processing", International Conference on Advanced, Computing, Networking and Informatics (ICACNI 2015), 978-81-322-2537-9	2015
14	International Conference	Rushiraj Heshi, Suma S M, Shridhar G. Koolagudi, Smriti Bhandari, K. S. Rao	"Rhythm and Timber Analysis for Carnatic Music Processing", International Conference on Advanced, Computing, Networking and Informatics (ICACNI 2015)	2015
15	International Conference	Mrs.Sharwari S Solapure, Dr.P.J.Kulkarni	"Developing QoS Aware DSR For JiST/SWANS Simulator Using Cross-Layer Communication", Emerging Research in Computing, Information, Communication and Applications, NIITE MEENAKSHI INSTITUTE , BANGLORE, Vol. 3, 978-981-10-0286-1	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
16	International Conference	Mamata Kalas, B. F. Momin	"Design and Implementation of advanced neuroimaging techniques", 21st International Conference on Advanced Computing and Communications (ADCOM 2015) at the Indian Institute of Technology Madras	2015
17	International Conference	Smriti H. Bhandari,	"A Bag-of-Features Approach for Malignancy Detection in Breast Histopathology Images.", 22nd IEEE International Conference on Image Processing, ICIP-2015, Quebec City, Canada, DOI: 10.1109/ICIP.2015.7351745	2015
18	International Conference	Nitesh Kiran Jain, Smriti H. Bhandari, Medha A. Shah, Sundar Govindarajan	"Design and Development of De-blur/ De-noising Filter using Multiple Image Captures on a Massively Parallel Architecture", IEEE India Conference (INDICON), 978-1-4799-5362-2	2015
19	International Conference	Mrs. Medha A. Shah, DR. D.B.Kulkarni	"Storm Pub-Sub: High Performance, Scalable Content Based Event Matching System Using Storm", Parallel and Distributed Processing Symposium Workshop (IPDPSW), 2015 IEEE International, DOI 10.1109/IPDPSW.2015.95	2016
20	International Conference	Rohit Pushpalwar, Smriti Bhandari	"Image inpainting approaches – A review", IEEE 6th International Advanced Computing Conference IACC 2016	2016
21	International Conference	Mamata Kalas, B. F. Momin	"Stress Detection and Reduction using EEG Signals", International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016, DOI 978-1-4673-9939-5	2016
22	International Conference	R. D. Kulkarni, B. F. Momin	"Parallel Skyline Computation for Frequent Queries in Distributed Environment", 2016 International Conference on Computational Techniques in Information and Communication Technologies (ICCTICT), DOI 978-1-5090-0082-1	2016

Information Technology & Engineering Department

SN	Type of Publication	Name of Authors	Details of Publication	Year
1	International Journal	Sagar S. Mane, Dr. Emmanuel M.	"Iceberg Query Evaluation using Compacted Bitmap Vectors", Spvryan's International Journal of Engineering Sciences & Technology, Page-4, ISSN: 2394-0905	2015
2	International Journal	Rashmi, S.P.Sonavane, Sameer Inamdar	"Automated Software Testing using Test Orchestration System Based on Engineering Pipeline", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)2015, Vol. 5, Issue 5, Page-1619-1624, 2277 128X	2015
3	International Journal	Kanchan Chavan, Amruta Dhanawade, Shefali Sonavane	"Case Simulation of Pedestrian Movements using Cellular Automata Model", International Journal of Computer Science and Mobile Computing, IJCSMC 15, Vol. 4, Issue 5, Page-107-112, ISSN 2320-088X	2015
4	International Journal	S. V. Kamble, S. U. Mane, A. J. Umbarkar	"Hybrid Multi-Objective Particle Swarm Optimization for Flexible Job Shop Scheduling Problem", IJISA, Vol. 7, Issue no.4, Page-54-61, DOI: 10.5815/ijisa.201508	2015
5	International Journal	A.J. Umbarkar, N.M.Rothe, A.S. Sathe	"OpenMP Teaching- Learning Based Optimization Algorithm over Multi-Core System", IJISA, Vol. 7, Issue no.7, Page-57-65, DOI: 10.5815/ijisa.2015.07.08,	2015
6	International Journal	A.J. Umbarkar, M.S.Joshi, Wei-Chiang Hong	"Comparative study of Diversity based Parallel Dual Population Genetic Algorithm for unconstrained function optimizations", IJBIC (Inderscience), Page-, ISSN online: 1758-0374 ISSN print: 1758-0366	2015
7	International Journal	A. J. Umbarkar, M. S. Joshi, P. D. Sheth	"OpenMP Dual Population Genetic Algorithm for Solving Constrained Optimization Problems", International Journal of Information Engineering and Electronic Business(IJIEEB), vol.7, Issue no.1,, Page-pp.59-65,, DOI: 10.5815/ijieeb.2015.01.08	2015
8	International Journal	Nilesh Pikale, U B Chavan	"Study of 1D Bar Problem by Finite Element Method on Parallel Architectures", IJSR-International Journal of Science and Research (IJSR), Vol. 4, Issue 6,ISSN (Online): 2319-7064	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
9	International Journal	M B Narnaware, Manish S Raut	"Analysis of Rate Monotonic Scheduling Algorithm on Multi-core System", International Journal of Science and Research, Volume 4, Issue 7, Page- 131 -133, ISSN 2319-7064	2015
10	International Journal	Mayuri Waghmode, U B Chavan	"Review: Parsing Clothes by Giving Weak Supervision using Pose Estimation in Fashion Photographs", IJSR-International Journal of Science and Research (IJSR), Vol. 4,, Issue 7, ISSN:2319-7064	2015
11	International Journal	Mayura Shinde	"Review of adaptive data stream classification", CiiT International Journal of Data Mining and Knowledge Engineering, Vol. 7, Issue 7	2015
12	International Journal	Y Sharma,, D B Kulkarni	"GPU Based Acceleration of WRF Model: A Review", International Journal of Science and Research Online, Vol. ID SUB156287 Volume 4, Issue 7, Page 411-414, ISSN (Online): 2319-7064,	2015
13	International Journal	Nitin D. Dhadke,, Rachana Shroff, Dr. D.B. Kulkarni	"An Automation Framework for Product Performance Testing on Cloud", International Journal CIIT in Software Engg & Tech, Vol. 7, Issue No 4, ISSN 0974 – 9632	2015
14	International Journal	Hetal V. Gandhi, Mayura B. Shinde	"Review of Adaptive Data Stream Classification", CiiT International Journal of Data Mining and Knowledge Engineering, Issue 2015, Vol-7, Issue NO-7.	2015
15	International Journal	A.J. Umbarkar, M.S. Joshi and P. Seth	"CROSSOVER OPERATORS IN GENETIC ALGORITHMS: A REVIEW Computing", Index Copernicus Value (ICV):", in ICTACT Journal on Soft 5.09), Vol -6,issue 1, Page- 1083-1092, ISSN Number (Print) 0976-6561, ISSN Number (Online) 2229-6956,	2015
16	International Journal	Mona Meshram, B.S.Shetty	"A Review : Secured sharing of personal health records in cloud computing using attribute based encryption", IJLTET, Vol. 6, Issue 2, Page- 284-289, ISSN:2278:621X	2015
17	International Journal	Yogendra Sharma,, Dr. D. B. Kulkarni	"GPU based Acceleration of WRF Model: Review", IJSR-International Journal of Science And Research, Vol. 4, Issue 7, Page-, ISSN:2319-7064	2015
18	International Journal	Ranjana Vhankade, B.S.Shetty	"Survey of Enhanced Three- Factor Security Protocol for Consumer USB Mass Storage Devices", IJLTET, Vol.6, Issue 3, Page- 159-162, ISSN:2278:621X	2016
19	International Journal	Aniket V. Thakre, A.J.Umbarkar	"COMPARATIVE STUDY OF EDGE BASED LSB MATCHING STEGANOGRAPHY", ICTACT Journal on Image and Video Processing (IJIVP), Volume: 6, Page-1185-1191, ISSN: 0976 - 9102 (ONLINE)	2016
20	International Journal	Amol H. Shinde,, A. J. Umbarkar	"Analysis of Cryptographic Protocols AKI, ARPKI and OPT using ProVerif and AVISPA", International Journal of Computer Network and Information Security(IJCNIS), Vol.8, Issue No.3, Page-34-40, DOI: 10.5815/ijcnis.2016.03.05. (ICV 2012 6.50; ICV 2013 7.67)	2016
21	International Journal	Audumber T Mohite, S P Sonavane	"Security Trends in Delay Tolerant Networks", International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue 2, Page- 529-532, ISSN (Online): 2278-1021	2016
22	International Journal	D Godbole, M Narnaware	"A Survey on Personalized Service Recommendation Systems", International Journal of Engineering Research & Technology, Volume 5, Issue 02, Pages 5, ISSN: 2278-0181	2016
23	International Journal	Aniruddha A Pore, S P Sonavane	"A survey on Cellular Automata based WSN Models", International Journal of Engineering Research & Technology, Vol. 5, Issue 2, Page- 694- 697, ISSN: 2278-0181	2016
24	International Journal	Nutan Borkar,, Dr. Shrikant Kulkarni	"Review Of Classification/ Clustering Techniques Used In Web Data Mining", International Journal Of Research In Science & Engineering, Vol.2, Issue -2, Page- 01-08, ISSN 2394-8280, E-ISSN 2394-8299	2016
25	International Journal	Pooja Mane, Prashant Kharat	"Cluster Computing Based Video Surveillance: Smart Hub", International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue Issue 3	2016
26	International Conference	A. J. Umbarkar,, P. D. Sheth, and S. V. Barbar	"Solving 0/1 Knapsack Problem Using Hybrid TLBO-GA Algorithm", Fourth International Conference on Soft Computing for Problem Solving., Vol. 7, Issue no.1, Page-pp.59-65,, DOI: 10.5815/ijieeb.2015.01.08,	2015

SN	Type of Publication	Name of Authors	Details of Publication	Year
27	International Conference	M.G.Rathi	"Signal & Image Processing", ICONSIP-2015	2016
28	International Conference	Prashant Jamadade, Prashant Kharat	"Copy-Move Forgery Detection", International Conference On Communication And Network, 2016, 2194 - 5357,	2016

Applied Science Department

SN	Type of Publication	Name of Authors	Details of Publication	Year
1	International Journal	A.U.Salunkhe, S. B. Kadam and S. N. Tande	"Behaviour of RCC in-filled buildings with different configurations of plan under seismic force", International journal of Innovations in Engineering and Technology (IJJET), Vol. 5, Issue 2, ISSN2319-1058	2015
2	International Journal	Mrs.Girgaonkar V.B.,	"sharing of groundnuts between farmer and worker", International Journal of latest trends in engineering and technology, Vol. 5, Issue 4, Page-216-217, 2278-621X	2015
3	International Journal	Kulkarni M. S., S. N. Tande	"Seismic Behaviour of RCC Frames under Passive Dampers", Journal of Civil Engineering and Environmental Technology, Vol. 9, Issue 14, Page-90-95, 2349-8404	2015
4	International Journal	Banne R. A., Tande S. N.	"Analysis of Framed Tube Structures with Multiple Internal Tubes", Journal of Civil Engineering and Environmental Technology, Vol. 2, Issue 14, Page-107-114, 2349-8404	2015
5	International Journal	Atul Patne, Sachin Kadam	"Effect of Horizontal Irregularity on Seismic Behaviour of Building", International Journal of Engineering Sciences and Research Technology, Vol. 4, Issue 10, Page-, 2277-9655	2015
6	International Journal	Mimoh Gaikwad, Tande S. N	"Behaviour of Concentrically Loaded Concrete Filled Steel Tube Short Column", International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 6, Issue 4, Page-107-114, 2278-621X,	2016
7	International Journal	Navnath Sangolkar, Tande S. N.	"Stability Study of Cable Stayed Bridge under Wind Load", International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 6, Issue 4, Page-297-303, 2278-621X	2016
8	International Journal	S.B.Joshi, Melike Aydogan	"New Subcladd of p-valent harmonic meromorphic functions", Theory and Applications of Mathematics and Computer Sciences, Vol. 6, Issue 1, Page-51-59, 2067-2764	2016
9	International Journal	S.B.Joshi, H.M.Srivastava, S.S.Joshi,H.Pawar	"Coefficient estimates for certain subclasses of meromorphically Bi-univalent functions", Palestine J.Math, Vol. 5, Issue 1, Page-250-258, 2219-5688	2016
10	International Journal	S.B.Joshi, S.S.Joshi, H.Pawar	"On a certain subclasses of Bi univalent functions", Acta Universitatis Apulensis, Vol. 45, Issue 7, Page-87-96, 1582-5329	2016
11	National Journal	S.B.Joshi, S.S.Joshi, H.Pawar	"On a subclass of starlike functions with fixed points", J.Indian Acad Math, Vol. 37, Issue 1, Page-101-111, 0970-5120	2015
12	National Journal	S.B.Joshi, G.Shelake	"On a subclass of uniformly convex functions involving certain fractional calculus operators", Indian J.Math, Vol. 58, Issue 1, Page-43-57, 0019-5324	2016
13	International Conference	Tikate P. D., Tande S. N	"Design Based Parametric Study of Box Culvert using Finite Element Method", 4th International Conference on 'Applied Sciences, Environmental Engineering and Clean Energy Technologies for Sustainable Development' (ASECET-2015)	2015
14	International Conference	C B Pol, S S Banerjee	"Modeling and simulation of GWG in disbond detection", ICCM 2016	2016

WCE Regular Faculty Google Scholar Citation Details (Till April 30, 2016)

SN	Name of Faculty	Designation	Google Scholar							
			2011 onwards			All			No.of publications	
			Citations	h-Index	i-10 index	Citations	h-Index	i-10 index	Cited	reported
1	Parishwad Gajanan V	Director & PME	86	6	3	112	6	4	17	70
2	Kulkarni Prakash J	Dy. Dir. & PCSE	74	5	1	85	5	2	20	38
3	Sonawane Pratap G	Prof-Civil	8	2	0	11	2	0	3	10
4	Tande Shrirang N	Prof-APM	23	2	0	26	2	0	13	25
5	Munawali Guru R	Asso. Prof-Civil	153	7	7	273	7	7	15	33
6	Gumaste K S	Asso. Prof-Civil	49	2	2	62	3	2	4	6
7	Kadam Sachin B	Asso. Prof-Civil	11	2	1	13	2	1	9	13
8	Pol Chandrakant B	Asso. Prof-APM	19	2	1	19	2	1	3	6
9	Mrs. Kulkarni N.G.	Asso. Prof-APM	6	1	0	7	1	0	2	5
10	Gawali Bajirao S	Prof-Mech	16	1	1	24	3	1	5	20
11	Chavan Shrirang P.	Prof-Mech	24	3	1	24	3	1	4	13
12	Dabade Uday Anna	Prof-Mech	263	8	8	314	8	8	14	56
13	Inamdar Kedar H	Asso. Prof-Mech	30	4	0	30	4	0	13	100
14	Sapkal Sagar Ulhas	Asso. Prof-Mech	31	4	0	32	4	0	10	17
15	Chougule Rahul G	Asso. Prof-Mech	172	9	8	235	11	11	25	30
16	Admuthe A B	Asstt. Prof-Mech	1	1	0	1	1	0	1	3
17	Mane Pravin Ashok	Asstt. Prof-Mech	19	3	0	19	3	0	7	16
18	Vaidya Anil Pralhad	Prof-Elec	24	3	0	24	3	0	7	14
19	Patil Dadgonda R	Asso. Prof-Elec	1	1	0	1	1	0	1	3
20	More Dagdu Shankar	Asso. Prof-Elec	56	5	3	74	6	4	10	17
21	Waware Madhukar M	Asstt. Prof-Elec	31	4	1	31	4	1	9	21
22	Mrs. Diwan Seema P	Asstt. Prof-Elec	12	1	1	12	1	1	2	6
23	Mrs. Deshpande S S	Prof-Eltx	6	1	0	9	2	0	3	8
24	Kore Sunil Nilkanth	Asso. Prof-Eltx	8	2	0	8	2	0	4	13
25	Mrs. Agashe A A	Asso. Prof-Eltx	24	2	0	36	3	1	12	21
26	Ruikar Sachin D	Asso. Prof-Eltx	138	4	2	138	4	2	12	33
27	Patil Babasaheb G	Asso. Prof-Eltx	7	2	0	7	2	0	4	7
28	Dharmadhikari V.B.	Asso. Prof-Eltx	21	3	0	21	3	0	5	9
29	Tamhankar Sunil G.	Asstt. Prof-Eltx	15	2	0	18	2	0	6	8
30	Ms. Bhandari S H	Asso. Prof-CSE	11	1	0	16	3	0	7	15
31	Mrs. Shah Medha A	Asstt. Prof-CSE	6	2	0	6	2	0	2	9
32	Kulkarni Dinesh B.	Professor-IT	31	3	0	35	4	0	11	22
33	Mrs. Sonawane S P	Asso. Prof.-IT	17	2	1	17	2	1	4	13
34	Umbarkar A J	Asstt. Prof.-IT	37	4	1	38	4	1	12	24
35	Mrs. Shirodkar B D	Asstt. Prof.-IT	5	1	0	5	1	0	1	5
36	Kharat Prashant K	Asstt. Prof.-IT	8	2	0	8	2	0	5	12
37	Chavan Umesh B	Asstt. Prof.-IT	5	1	0	5	1	0	2	4
38	Narnaware Manish B	Asstt. Prof.-IT	9	1	0	10	1	0	4	9
39	Pendse Milind Hari	Asstt. Prof-Chem	1	1	0	45	3	3	4	5
40	Joshi Santosh B	Asstt. Prof-Math	185	6	6	300	8	8	33	65
41	Dr. Sham P. Gurav	Asso. Prof.-APM	106	6	5	164	7	6	14	15
42	Dr.Dinkar V. Ghewade	Professor-Mech	10	2	0	10	2	0	3	9
43	Dr.Shirish C. Bali	Asstt. Prof-Mech	8	1	0	8	1	0	1	7
44	Dr.Smt.Subbaraman S	Professor-Eltx	155	7	4	174	8	6	33	45
45	Dr.Suresh B Wadkar	Prof-Mech	11	2	2	12	2	2	5	13
		Total	1933			2519			381	

Books Published by Faculties

Sr. No.	Name of Faculty	Title of Book	Name of Publisher	Year of Publication
01	Dabade Uday and Shrotri Amod	Machine tools and Processes	2K Publication, First Edition 2016, ISBN 978-81-930777-4-0	2016
02	Prof. D. G Dhole and N. K. Hukkeri	Meteorology and Quality Control	Electrotech publication engineering series, ISBN No. 978-93-83752-34-8	2016

Ph.D. Student Details

A) Ph.D. details of Regular WCE Degree Faculty

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
1	Parishwad G.V.	Director, Prof. Mech.	Dr. R.K. Bhardwaj & Dr. V.K. Nema (Mech-Thermal)	11-8-1995 MNNIT, Allahabad under QIP	Study of thermal performance of fenestration and prediction of related weather parameters for India	submitted 02-10-1998 Viva & Result 27-03-1999
2	Kulkarni P.J.	Dy. Director Prof. CSE	Prof. N.R. Phadnis (Electronics)	June 1988 SU, Kolhapur	Bandwidth compression of Video signals by digital techniques	Completed in Aug. 1993
3	Wagh K.S.	Prof. Civil	Prof. Dr. V.S. Chandrasekaran	Aug. 1987 IIT, Bombay	Finite element studies on mechanics of Geotextiles reinforced earth for Shallow foundation.	Submitted March 1993 Viva & result 09 May 1994
4	Sonawane P.G.	Prof. Civil	Dr. S.V. Ranade	7-1-2003	Mechanism & Kinetics of Nitrogen & Phosphorus Removal in Root Zone Treatment of Domestic Waste	Completed 4 July 2008
5	Tande S.N	Prof. Civil - APM	Dr. K.T. Krishnaswamy	July 2000 SU, Kolhapur	Elastic and Limit analysis of Reinforced Concrete Skew slabs	19.09.2005
6	Salkar V.D.	Asso. Prof. Civil	Dr. A.R. Tembhurkar, Visvesvaraya	01.07.2009 VNIT, Nagpur	Design and development of efficiency up-flow sand filter for water treatment	27-09-2015
7	Munawali G.R.	Asso. Prof. Civil	Prof. M.S. Mohan Kumar, Civil Engg.,	1st August, 1999 QIP IISc, Bangalore	Simulation and Parameter Estimation of Water Quality in Distribution System	Submitted 31 July 2002 Result 22 Mar 2003
8	Gumaste K.S	Asso. Prof. Civil	Prof. K.S. Jagdish, BVV Reddy, and K.S. Nanjund Rao, Civil Engg.,	1Aug.2000 IISc, Bangalore QIP	Strength and Elasticity of Brick Masonry Walls	Submitted 11 Jan 2004 Result 8 Jan 2005
9	Pol C.B.	Asst. Prof. Civil -APM	Prof. Saurik Banerjee	15.10.2010 IIT, Bombay	Modeling of divided wave propagation and its inter action with defects in composites and sandwich structures	submitted July 2015
10	Mrs. Kulkarni N.G.	Asst. Prof. Civil-APM	Prof. Yoshito Itoh	03.10.2007 Nagoya Uni., Japan	Seismic design methodology for circular steel bridge piers subjected to multi directional earthquake motions	Completed 31.07.2012
11	S.B. Kadam	Asst. Prof. Civil-APM	Prof. Y. Singh	2010-11 IIT, Roorkee	Performance Evaluation and Retrofit of Masonry Buildings	Submitted Jan-2015, Result 4-8-2015
12	Gawali B.S.	Prof. Mech.	Prof. K.G. Narayan Khedkar	July 1999 IIT, Bombay	Design and Development of pulse tube nitrogen liquefier	Sept. 2005
13	Chavan S.P.	Prof. Mech.	Dr. N.K. Sane	01.01.2000 Shivaji Uni, Kolhapur	Some studies on preventive maintenance of rotating m/s of sugar industries using vibration monitoring and diagnostic analysis	Sept. 2007

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
14	Dabade U.A.	Prof. Mech.	Prof. Dr. S.S. Joshi	July 2004 IIT, Bombay	Machining of metal matrix composites	May 2008
15	Inamdar K.H.	Asso. Prof. Mech.	Dr. S.G. Joshi	Sept. 2003 Shivaji Uni., Kolhapur	Some studies on analysis of surface quality of flat metal surfaces using image processing techniques	Dec. 2006 Result June 2007
16	Sapkal S.U.	Asso. Prof. Mech.	Dr. Dipak Laha	August 2009	Improved Heuristics for manufacturing scheduling	Sept. 2013
17	Chougule R.G.	Asso. Prof. Mech.	Dr. B. Ravi	Dec. 2000 IIT, Bombay	Casting process planning and evaluation in collaborative environment	July 2005
18	Khot M.M.	Asst. Prof. Mech.	Dr. B. S. Gawali (Mech - HPE)	1 January 2008 SUK	Design and development of a flexure bearing for miniature linear compressor	submitted 24-7-2014 Viva & result 7-5-2015
19	Vaidya A.P.	Prof. Electrical	Dr. M.N. Narayana- nadar	01.08.1998 IISc, Bangalore	A model study for the application of wavelet and Neural Network for Identification and localization of partial discharges in transformers	Completed 14.10.2001
20	Patil D.R.	Asso. Prof. Electrical	Dr. U. Gudaru,	WCES, Shivaji Uni., Kolhapur	Error adaptive RPC scheme for LT & HT Switched capacitor bank & Static var Compensator at 11 kV substation.	May 2012
21	More D.S.	Asso. Prof. Electrical	Prof. B.G. Fernandes	July 2005 IIT, Bombay	Design and Analysis of three phase Flux reversal machine for rooftop wind power application	20.10.2010
22	Waware M.M.	Asst. Prof. Electrical	Dr. Pramod Agrawal (Power Electronics)	02.08.2008 IIT, Roorkee	Multilevel inverter based activity power filter	24.04.2012
23	Mrs. Deshpande, S.S.	Prof. Electronics	Prof. S.C. Patwardhan	July 2005	Computationally efficient model based control for fast dynamic systems	Completed 15.09.2010
24	Mrs. Agashe A.A.	Asso. Prof. Electronics	Dr. S.K. Bodhe	Nov. 2003 Shivaji Uni, Kolhapur	Mobility management in Adhoc networks; A special reference to handoff mechanism.	Completed i July 2009
25	Ruikar S.D.	Asso. Prof. Electronics	Dr. D.D. Doye	22.11.2006 SGGS, Nanded	Image Denoising using wavelet transform	Completed 22.03.2013
26	Patil B.G.	Asso. Prof. Electronics	Mrs. Dr. Shaila Subbaraman	12-7-2006	Human Feature Vector and Classifier Through Iris Pattern Recognition	Completed 24/07/2015
27	Dharmadhikari V.B.	Asso. Prof. Electronics	Dr. P. J. Kulkarni	27-9-2012	Quality of service issues, formulation and performance evaluation of traffic smoothing techniques for mpeg video transmission in packet switched networks	Completed 22-7-2015
28	Ms. Bhandari S.H.	Asso. Prof CSE	Dr. S. M. Deshpande	1-1-2005, SUK	Study of Multi-resolution approaches to Texture Analysis and Classification	Submitted 03/07/2009 awarded 18/10/2010
29	Momin B.F.	Asso. Prof CSE	Dr. Susmita Mitra	Jan. 2002 Jadhavpur Uni. (IIT, Kolkata)	Some issues in data mining using soft computing	Completed 08.02.2008
30	Kulkarni D.B.	Prof. IT	Dr. P.J. Kulkarni	Feb. 1999 WCE, Sangli	Iterated formation system for image coding	Completed Sept 2005
31	Mrs. Sonawane S.P.	Asso. Prof IT	Dr. S.M. Deshpande (CSE)	01.01.2005 SU, Kolhapur	Capacity estimates, analysis and design of improved data hiding algorithms in compressed images	10.11.2010
32	Umbarkar A.J.	Asst. Prof. IT	Dr. Mrs. MS Joshi,	June 2010 GCE A'bad	Design and Analysis of Multi-Population Genetic Algorithm (MPGA) on Multi-core system for Function Optimization	submitted June-2015
33	Pendse M.H.	Asso. Prof Chemistry	Dr. S.H. Pawar	Mar. 1990 SU, Kolhapur	Studies on Electrodeposited Dy-Ba-Cu-O H.Tc. super conducting films and their characteristics	July 1993

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
34	Joshi S.B.	Asso. Prof Mathematics	Prof. S.R. Kulkarni Complex-analysis	1-7-1991	A study of univalent and multivalent functions	Completed 1996
35	Kore S.N.	Asso. Prof Electronics	Dr. P. J. Kulkarni	28/9/2012 WCE, Sangli	Performance evaluation and scheduling policies for fixed length multiple input queued packet switches	Submitted 28-9-2012

B) Ph.D. details of Regular WCE Diploma Faculty

SN	Name of Student	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Completed on
1	Padhye Rajesh D.	Dr. P.B. Ulagaddi Civil	June 2005 SGGS, Nanded, SRTM Uni,	Analysis and Design of Retaining wall with Pressure relief shelves.	Completed on 01.11.2010
2	Apte Naryan G.	Dr. V.N. Bapat, Electrical	JUNE 2006 SUK	Design analysis and implementation of Voltage source inverter based power quality conditioner	JAN 2014
3	Agashe Anil A.	Smt. Dr. R.S. Patil Electronics	30.06.2006 SUK	Studies on localization algorithms in wireless Networks: A special reference to sensor network.	Completed on 01.11.2010
4	Sulakhe Vinayak V	(Mrs.) Dr. S. D. Apte Electronics	01/01/2006 SUK	Development of efficient routing protocols for Application specific wireless sensor networks	Thesis submitted
5	Vhankhande B. B.	Prof. Dr. (Mrs) Vijaya Puri-Physics	30/06/2000 SUK	Investigations on the microwave transmission and reflection of polyaniline thin films and it's overlay effects on micro-strip components	Thesis Submitted 29-6-2006 Date of Degree 27-7-2007
6	Yadav Mahadeo K	Dr. B.B. Wagmode- Mathematics	June 1992 Shivaji Uni, Kolhapur	Non-Newtonian fluid through porous media	Aug. 1996

C) Regular Degree Faculty Ongoing Ph.D. details

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
1	Mr. A.K. Kokane	Asst. Prof. Civil	Dr. K.S. Gumaste,	01.07.2011 WCE, Sangli Shivaji University, Kolhapur	Studies on improvement in the quality of burnt clay bricks using water treatment residual sludge	Ongoing
2	Mr. A.K. Mali	Asst. Prof. Civil	Dr. Prakash Nanthagopalan,	12.07.2013 IIT, Mumbai	Utilization of sugar cane bagasse ash in concrete	Ongoing
3	Naik B.N	Asst. Prof. Mech	Prof. Sangita Kohali	24.07.2014 IIT, Delhi	Biomass cookseave study (Area of Study)	Ongoing
4	Gaikwad S.V.	Asst. Prof. Mech.	Dr. R.S. Mulik ,	9.7.2014 IIT Roorkee	Performance study of pretalling tool for deep annular grooving	Ongoing
5	Mr. P.A. Mane	Asst. Prof. Mech.	Dr. B.S. Gawali,	2011-12 WCES, Shivaji Uni, Kolhapur	Design & Development of counter flow pulse tube refrigerator	Ongoing
6	Mr. A. U. Paranjape	Asst. Prof. Mech.	Dr. S.S. Kulkarni,	2011-12 IIT, Mumbai	Optimal balancing of rotors in presence of uncertainties	Ongoing
7	Mr. A.P. Patil	Asst. Prof. Mech.	Dr. S.P. Chavan,	01.07.2011 WCES, Shivaji Uni, Kolhapur	Study of static and dynamic behavior of helical compression spring with continuously varying wire diameter	Ongoing
8	Mr. A.B. Patil	Asso. Prof. Electrical	Dr. R.H. Chile,	2013-14 SGGS, Nanded	Some techniques in developments of robust optimal control using fuzzy logic approach	Ongoing

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
9	Hasabe R.P.	Asst. Prof. Electrical	Dr. A.P. Vaidya,	July 2010 WCE, Sangli	Development of a method to mitigate the Effects of stat-com on the distance protection scheme using wavelet transform and neural network	Ongoing
10	Marathe N.V.	Asso. Prof Electronics	Prof. U.B. Desai	21.7.2005 IIT, Bombay	Opportunistic scheduling in cellular data networks	Ongoing
11	Tamhankar S.G.	Asso. Prof Electronics	Dr. F.S. Kazi, VJTI, Mumbai	27.7.2012	Area: Cyber physical system security	Ongoing
12	Surve Anil R.	Asst. Prof. CSE	Dr. Vijay R. Ghorpade, DYP-COEK	11/2/2014 SUK	Design and development of adaptive Multi-Platform Context Aware Pervasive System Framework	Ongoing
13	Gavankar N.L	Asst. Prof. CSE	Prof. S. K. Ghosh Civil Engg	9/7/2014 IIT Roorkee	Object detection/Extraction using multi spatial resolution satellite data	Ongoing
14	Mrs. M.A. Shah	Asst. Prof. CSE	Dr. D.B. Kulkarni,	2011-12 WCES, Shivaji Uni, Kolhapur	Investigation on design issues and performance analysis of parallel sealable high performance publish subscribe system	Ongoing
15	Rathod R.R.	Asst. Prof. IT	Dr. R. D. Garg Civil,	12-07-2013, IITR,(QIP)	Application of GIS and Data Mining methods for Electricity consumption profiling.	Ongoing
16	Kharat P.K.	Asst. Prof. IT	Dr. Murlidhar Kulkarni (E&C Dept.)	July 2015 NIT, (QIP) Suratkal	Area of study: Wireless communication & Networking	Ongoing
17	Chavan U.B.	Asst. Prof. IT	Dr. D.B. Kulkarni,	2012-13 WCES, SUK	Design & performance issues in parallel scalable facial expression recognition system	Ongoing
18	Madhale K.V	Asso. Prof. Physics	Dr. M.Y. Salunkhe	13-01-2012 Synthesis,	Characterization and Gas Sensing Behavior of Nano-crystalline Nickel Ferrite	Ongoing
19	Jamadar B.N	Asst. Prof. Physics	Dr. D.S. Sutrave	01-07-2010 Design	Design and Development of PWM Technique for Three Phase Induction Motor Drive with auto fault detection	Ongoing

D) Regular Diploma Faculty Ongoing Ph.D. details

Sr. No.	Name of Faculty	Name of Guide/ Branch	Date of Registration/Uni.	Title of the Thesis
1	S. M. Pophare	Prof. S. H. Jadhav, Civil Engineering	Feb. 2015 R.I.T., Islampur Shivaji Uni. Kolhapur	Elasto-Plastic Behaviour of doubly curved thin shells
2	B. A. Anuse	Prof. S.P. Chavan, Mechanical Engineering	Feb. 2012 WCE, Sangli Shivaji Uni. Kolhapur	Design and Development of a Bagasse Dryer to Increase Thermal Efficiency of sugar cane Power Plant

E) Ongoing / Completed Ph.D. at WCE, Sangli till March 2016**1) Civil Engineering Department**

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Tirthkar S.N.	Dr. B. Subbarao	01/01/2001	Study on use of synthetic filter media in coarse to fine filtration	Completed 13th Oct., 2007
2	Kulkarni G. S.	Dr. S.V. Ranade	01/01/2004	Investigations in Processing Solid & Liquid Waste from Essential Oil Industry for Possible Productive Recovery, Recycling & Treatment	Completed 28th Dec. 2007
3	Sonavane P. G	Dr. S.V. Ranade	07/01/2003	Mechanism & Kinetics of Nitrogen & Phosphorus Removal in Root Zone Treatment of Domestic Waste	Completed 4th July 2008
4	Mali D. S.	Dr. S.V. Ranade	01/01/2003	Waste Minimization & Resource Recovery in Sugar Distillery Complex	Ongoing
5	Y.M. Patil	Dr. G.R. Munavalli	01/07/2009	Performance Evaluation of Low-cost Greywater Treatment Systems	Ongoing
6	V. T. Gaikwad	Dr. G.R. Munavalli	01/07/2011	Study on water softening by natural materials	Ongoing
7	S.S. Mane	Dr. G.R. Munavalli	01/07/2011	Studies on Modeling and Treatment of Common Textile Effluent Using Anaerobic and Aerobic Sequential Batch Reactor	Ongoing
8	S.B. Hivarekar	Dr. G.R. Munavalli	01/07/2011	Study on water treatment by clay filter impregnated with natural materials	Ongoing
9	A.K. Kokane	Dr. K.S. Gumaste	01/07/2011	Studies on improvements in the quality of burnt clay bricks using water treatment residual sludge	Ongoing
10	Mrs Jyoti P. Bhusari	Dr. K.S. Gumaste	01/07/2011	Studies on characterization of reactive powder concrete for strengthening of beam column joints in RC beams	Ongoing
11	R.M. Garud	Dr. G.R. Munavalli	01/07/2012	Study on dewatering and stabilization in sludge treatment vermi constructed wetlands	Ongoing
12	Desai Ravindra Shashikant	Dr. S.N. Tande (Civil-Structure)	12/09/2012	Improvement in structural performance in buildings by optimization of energy Management devices	Ongoing
13	Patil Vishwas Shamrao	Dr. S.N. Tande (Civil-Structure)	12/09/2012	Probabilistic based seismic performance Evaluation of existing reinforced Concrete buildings and retrofitting strategy	Ongoing
14	Patkure Laxman Bhouso	Dr. S.N. Tande (Civil-Structure)	12/09/2012	An experimental investigation on structural behavior and durability properties of fiber Reinforced concrete with artificial sand	Ongoing
15	Dali Jitendra Shridhar	Dr. S.N. Tande (Civil-Structure)	11/12/2013	Durability performance and analysis of pavement quality concrete(pqc) with mineral admixtures	Ongoing
16	Desai Ravindra Matuti	Dr. S.N. Tande (Civil-Structure)	11/12/2013	Nonlinear seismic reliability and fragility analysis of steel- concrete composite structures	Ongoing
17	Narvekar Siddhesh P.	Dr. S.N. Tande (Civil-Structure)	11/12/2013	Innovative utilization of dimensional analysis to find out strength of concrete strength of soil using modified buckingham's – pi method	Ongoing
18	S.S. Shah	Dr. G.R. Munavalli	01/01/2015	Performance Evaluation of Moving Bed Biofilm Reactor (MBBR) in Sequential Batch Mode for Domestic Wastewater Treatment	Ongoing

2) Mechanical Engineering Department

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Shri. S. G. Bhatwadekar	Dr. M. Y. Khire (Relieved)	—	Studies on approaches for optimization of batch production scheduling	Submitted on 10.06.2013
2	Mr. S. H. Sawant	Dr. Tamboli	01/01/2005	Vibration analysis of active and semiactive suspension system subjected to random road excitation with time delay and non-linear parameters	Completed on Sept. 2013
3	Patil S.S.	Dr. B.S. Gawali (Mech.-HPE)	26/12/2013	Design and development of miniature coaxial pulse tube Cryo-cooler	Submitted 26.12.2013
4	Khot M. M.	Dr. B. S. Gawali (Mech.- HPE)	01/01/2008	Design and development of a flexure bearing for miniature linear compressor	submitted 24/07/2014 result 07/05/2015
5	Shri D. A. Kamble	Dr. B. S. Gawali	—	Analysis of heat transfer micro channel under forced convection heat transfer condition	Submitted
6	Shri. S. A. Patil	Dr. S. G. Joshi (Retd)	—	Some theoretical and experimental studies on electro hydraulics activate suspension system on road vehicle	—
7	Shri. A. P. Bagwade	Dr. P. G. Ramdasi (Retd)	—	Some studies on chip flow cutting process and surface roughness in hard turning	—
8	Shri. Kumar D. Sapate	Dr. A. N. Tikekar (Retd)	—	Electronically controlled direct injection type modified small to storke petrol engine for efficiency and low emission	—
9	Swami V.B.	Dr. B.S. Gawali (Mech.-HPE)	JULY 2010	Investigation of heat transfer characteristics Through non circular micro channel heat sink	Ongoing
10	Mane P.A.	Dr. B.S. Gawali (Mech.-HPE)	1-7-2011	Design and development of counter flow Pulse tube refrigerator.	Ongoing
11	Patil J.D.	Dr. B.S. Gawali (Mech.-HPE)	1-7-2011	Experimental study of heat transfer and fluid Flow analysis of oscillating flow in Micro-channel.	Ongoing
12	Patil Ajeet B.	Dr. S.P. Chavan (Mech.-Design)	1-7-2011	Study of static and dynamic characteristics of helical spring with continuously Varying wire diameter	Ongoing
13	Khade Manjit	Dr. S.P. Chavan (Mech.-Design)	1-7-2011	Dynamic analysis of structural beam for Vehicle to reduce vibration by using visco-elastic material & Magneto-rheological fluid damping	Ongoing
14	Magade Pramod B.	Dr. S.P. Chavan (Mech.-Design)	1-7-2011	Design and development of wind power Turbine by harvesting wind energy Developed by road vehicles on highway	Ongoing
15	Kamble G.S.	Dr. B.S. Gawali (Mech.-HPE)	1-7-2011	Investigation of heat transfer characteristic for Non Newtonian fluid in screw heat exchanger.	Ongoing
16	Hajare Vilas	Dr. B.S. Gawali (Mech.-HPE)	1-7-2011	Enhancement of latent heat energy storage Using nano-particle in phase change material	Ongoing
17	Raikar Sunil	Dr. Uday A. Dabade (Mech.-Prod)	July 2012	Effect of high pressure coolant (HPC) On surface integrity of inconel 718 in Turning operation	Ongoing
18	Anuse Bhargav A.	Dr. S.P. Chavan (Mech.-Design)	1-2-2012	Design and development of a bagasse dryer To increase thermal efficiency of sugarcane Power plant	Ongoing
19	Bhandare Amar Shrikant	Dr. Uday A. Dabade (Mech.-Prod)	2-5-2013	Effect of dry EDM on surface integrity of inconel-718	Ongoing
20	Jadhav M.R.	Dr. Uday A. Dabade (Mech.-Prod)	22-4-2013	Analysis of surface integrity of AL/SICP Metal matrix composites in hot machining	Ongoing

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
21	Vanmore Vinod	Dr. Uday A. Dabade (Mech.-Prod)	26/8/2013	Development and performance analysis of micro abrasive jet machining Process	Ongoing
22	Karidkar S.S	Dr. Uday A. Dabade (Mech.-Prod)	01/07/2013	Experimental investigation on effect of Process parameters on performance Measures in wire electrical discharge Machining	Ongoing
23	Shinde S.M.	Dr. S.P. Chavan/ Tamboli (Mech.-Design)	26/3/2013	Optimum design of supply chain for medium Scale industry to enhance productivity	Ongoing
24	Pirjade A.M.	Dr. S.P. Chavan/ Tamboli (Mech.-Design)	22/4/2013	Optimum design of asymmetric involute Helical gear for better dynamic Performance	Ongoing
25	S.B. Kumbhar	Dr. S.P. Chavan/ Tamboli (Mech.-Design)	01/07/2014	Performance studies of tilting pad thrust bearing with some single continuous surface profile	Ongoing
26	Ms. Kulkarni Laxmi V.	Dr. Sagar U. Sapkal	7/10/2014	Met Heuristic approach to manufacturing schedule	Ongoing
27	Abhijit Rajaram Shinge	Dr. Uday A. Dabade (Mech.-Prod)	6/4/2015	Experimental investigation and validation of process parameters in micro-milling of aluminium alloy micro channels	Ongoing
28	Nikhil Jayant Padte	Dr. Uday A. Dabade (Mech.-Prod)	6/4/2015	Tool path optimization to improve Productivity and quality in machining of Die steel material using CNC end milling	Ongoing

3) Electrical Engineering Department

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Apte Naryan G.	Dr. V.N. Bapat		Design analysis and implementation of Voltage source inverter based power quality conditioner	Completed 21.06.2012
2	Wankhade C.M. (Registered at Amravati Univ.)	Dr. A.P. Vaidya	15-1-2010	A study for application of genetic algorithm based optimal power flow algorithm for congestion management in deregulated indian power industry	submitted to Amravati Uni.
3	Saoji B.P. (Registered at Amravati Univ.)	Dr. A.P. Vaidya	15-1-2010	A comparative study for the reliability evaluation of composite electric power systems incorporating thyristor controlled series capacitor (tcsc)	corrections in progress
4	Hasabe R.P.	Dr. A.P. Vaidya	1-7-2010	Development of a method to mitigate the Effects of STATCOM on the distance protection scheme using wavelet transform and neural network	In the process of submission.
5	Thanekar S.J.	Dr.A.P.Vaidya (Co-Guide) Main Guide: Dr. W.Z. Gandhare	1-7-2010	Study of Voltage Stability of a Transmission System By Phasor Measurement Unit	Unknown
6	Shri L. S. Patil	Dr. A. P. Vaidya	1-7-2010	A study for application of wavelets and neural networks to identify and locate the faults in ehv transmission lines	Ongoing
7	Modak Amit Jayant	Dr. H.P. Inamdar	10-9-2013	Ann based simulation model for the detection of unbalance in stator current of cage Rotor induction motor drive caused by the degradation of insulation of stator winding, Using park's vector approach	Ongoing
8	Thombare R.D.	Dr. D.S. More, Dr. A.P. Vaidya	15-7-2013	Design, Analysis and control of Bidirectional power converter for hybrid Ac/Dc Microgrid system	Ongoing

4) Electronics Engineering Department

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Shri. B. G. Patil	Dr. Shaila Subaraman	2005	Human feature vector and classifier through iris pattern recognition	June 2015
2	Mrs. Lalita Admuthe	Dr. Mrs. S. D. Apte	2006	An Intelligent optimization model for cotton mixes yarn spinney	2012
3	Mrs. Manasi Patil	Prof. A. R. Yardi	2009	ANN based diagrams of neurodegenerative diseases	2013
4	Mr. Prasad Khandekar	Dr. Mrs. S. Subaraman	2007	Low power digital design using energy recovery adiabatic logic	Jan. 2013
5	Mrs. Sheetal Bhandar	Dr. Mrs. S. Subaraman	2008	Performance enhancement using reconfigurable device for real time computation intensive application	March 2013
6	Mrs. Vaddil Jayashri	Mrs. Dr. Shaila Subbaraman	28-12-2007	Weaved fabric defect detection using & image processing techniques	Completed on Sept. 2013
7	Mrs. Dixit Manisi R.	Mrs. Dr. S.D. Apte	1-7-2006	A generalized framework for speech enhancement An recognition with special focus on patients with speech disorders	2014 (Submitted 21.06.2012)
8	Kodavade D.V.	Mrs. Dr. S.D. Apte		Object oriented concurrent fault diagnostic systems For microprocessor configuration.	2014
9	Mrs. Khedkar/ Badrayani Angha	Mrs. Dr. Shaila Subbaraman	28-12-2007	Effect of variations in genetic operators and proposed ovel operator on the performance of genetic algorithm	Completed on Dec 2014
10	Dharmadhikar V.B.	Dr. P. J. Kulkarni	Jan. 2005	Quality of service issues, formulation and performance evaluation of traffic smoothing techniques for mpeg video transmission in packet switched networks	Completed 22.08.2015 Submitted 27.09.2012
11	Sulakhe Vinayak V.	Mrs. Dr. S.D. Apte	1-1-2006	Development of efficient routing protocols for Application specific wireless sensor networks	April 2016
12	Shri. K. Shirdhar	Dr. S. D. Apte		New signal processing techniques for hearing aids	Submitted 23.12.2011
13	Kore S.N.	Dr. P. J. Kulkarni	July 2006	Performance evaluation and scheduling policies for fixed length multiple input queued packet switches	Submitted 28-9-2012
14	Mrs. Jaysjree Rudaji	Dr. Mrs. S. Subaraman	2007	Low power COR D/C proccesser for DCT and ICDT	Submitted
15	Gundale (WT)	Prof. A.R. Yaradi	July 2000	Study simulation and analysis of some of the design issues related to binds 1) congestion control 2) bandwidth on demand simulation of mpeg traffic binds 3) issued related to satellite based binds	
16	R.N. Patil	Mrs. Dr. Shaila Subbaraman	28-12-2007	Power efficient pipeline and parallel architecture for High through put digital system	Ongoing
17	Mr. Manish Patil	Dr. Mrs. S. Subaraman	2008	Development of Complete Design Environment for Implementing Speed and Area Efficient Single Chip Process Controller using Programmable Logic Devices with Ladder Diagram Description	Ongoing
18	Mrs. S. S. Sankpal	Dr. Mrs. S. S. Deshpande	2012	Under water image processing	Ongoing
19	Mrs. Anjali Ramesh Patil	Mrs. Dr. Shaila Subbaraman	1-3-2012	Spatiotemporal vision based view and illumination Invariant hand gesture recognition approach	Ongoing

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
20	Ms. Sonali Desai	Dr. Y.V. Joshi	3-3-2012	Image enhancement and colour correction of Underwater optical images	
21	Ravi Khamitkar	Mrs. Dr. Shaila Subbaraman	01.07.2012	Design and performance evaluation of on chip Antenna for wireless network on chip	Ongoing
23	Mrs. Deepali Loni	Mrs. Dr. Shaila Subbaraman	01.07.2012	Analysis /synthesis of acoustic seatures of singing Voice using in wavelet transform with special Reference to singer identification	Ongoing
24	Rajan Devi	Mrs. Dr. Shaila Subbaraman	01.07.2012	Development of hierarchical control for micro-grid And its performance evaluation	Ongoing
25	Saurabh R. Prasad	Dr. Y.V. Joshi	14-9-2012	Improved LMS algorithm for signal processing Applications	Ongoing
26	Smt. Jadhav Tejaswi Mahaling	Dr. Mrs. S. S. Deshpande	2014	Antenna Design (Area of Study)	Ongoing
27	Sandip Kasar	Dr. SD Ruikar	1-1-2014 UoP	Effective Demosaicking for Video Reconstruction	Ongoing
28	C.A. Ghuge	Dr. SD Ruikar	1-1-2014 UoP	Design and Development of technique for video object retrieval using Spatiotemporal based trajectory identification.	Ongoing
29	Mr. Sajed Mulla	Dr. Mrs. S. S. Deshpande	1 Aug 2015	Antenna Design (Area of Study)	Ongoing

5) CSE and IT Engineering Department

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Shri. Sirbi Kotrappa	Dr. P. J. Kulkarni	June 2006	An investigation into the evolutionary expects object oriented programming (opp)	Completed on 25.08.2015
2	Mr Kulkarni M V	Dr. D B. Kulkarni	22-2-2010	Fractal Video Coding on Multicore	Ongoing
3	Mr Nozir Tarapore	Dr. D B. Kulkarni	2-3-2011	Intrusion detection System	Ongoing
4	Sandeep A Thorat	Dr. P. J. Kulkarni	27-2-2012	Techniques for improvements in magnet data Routing protocols.	Ongoing
5	Manwade Karveer Bhairu	Dr . D B. Kulkarni	27-2-2012	Improving performance of MPI application Through optimal placement of processes	Ongoing
6	Uday Appaso Nuli	Dr. B.F. Momin	27-2-2012	Parallelization of sequential code for Distributed heterogeneous architecture	Ongoing
7	Kulkarni Rupali Deepak	Dr. B.F. Momin	27-2-2012	Advanced skyline computation in distributed environment.	Ongoing
8	Tanveer I. Bagban	Dr. P. J. Kulkarni	27-2-2012	Design and analysis of a system for template Based clustering of web pages.	Ongoing
9	Abhyankar Parag Prabhakar	Dr. B.F. Momin	27-2-2012	Characterization of non- vigilance of individual Or mass Ounce in monotonous environment	Ongoing
10	Mrs. Mamata Sachin Kalas	Dr. B.F. Momin	27-2-2012	Study and implementation of advanced Neuro-imaging techniques.	Ongoing
11	Mrs. Medha A Shah	Dr. D B. Kulkarni	27-2-2012	Design and performance evaluation of parallel scalable event processing system.	Ongoing
12	Mrs. Sheetal A. Takale	Dr. P. J. Kulkarni	27-2-2012	Web content mining in the framework of soft computing.	Ongoing
13	Bhagate Suhas	Dr. P. J. Kulkarni	27-2-2012	Development of secret sharing scheme using Extended visual cryptography.	Ongoing
14	Mrs. Chaitali A. Laulkar	Dr. P. J. Kulkarni	25-2-2013	An improved classification algorithm for Image data	Ongoing

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
15	Chavan Umesh Balkrishna	Dr. D B. Kulkarni	25-2-2013	Design & performance issues in parallel Scalable facial expression recognition system	Ongoing
16	Ms. Gitanjali S. Salunkhe	Dr. D B. Kulkarni	25-2-2013	Benchmark validation and profiling of Heterogeneous HPC platform.”	Ongoing
17	Ms. Deepali D. Akolkar	Dr. D B. Kulkarni	25-2-2013	Predictive analysis of very large unstructured data on parallel platform	Ongoing
18	Prashant Maruti Yelmar	Dr. B.F. Momin	25-2-2013	Development of computational framework for Social network analysis & mining	Ongoing
19	Shri. Ajit S. Patil	Dr. P. J. Kulkarni	17-7-2013	Use of social relations in delay tolerant networks	Ongoing
20	Sayyad Suhel Shabbirhusain	Dr. D B. Kulkarni	11-2-2014	DESIGN AND DEVELOPMENT OF SECURE NEURAL NETWORK LEARNING SYSTEM ON MANY ENABLED HPC IN CLOUD	Ongoing
21	Mrs. A.P. Kale	Dr S P Sonavane	2014-15	Research Area: Image Processing and Cellular Automata	Ongoing
22	Mr. S.S. Patil	Dr S P Sonavane	2014-15	Research Area: Big Data	Ongoing
23	Mr. A.R. Babhulgaonkar	Dr S P Sonavane	2015-16	Research Area: Human Computer Interaction	Ongoing
24	Mrs. Arifa Tamboli	Dr S P Sonavane	2015-16	Research Area: Network Security	Ongoing

6) Maths Department

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status
1	Shelake Girish D.	Dr S.B.Joshi	01-07-2010	Study of subclasses of harmonic univalent and related functions	Ongoing
2	Thorat S.P	Dr S.B.Joshi	01-07-2011	Study of univalent and related functions	Ongoing
3	Yadav P.P	Dr S.B.Joshi	01-07-2013	Study of certain subclasses of analytic functions	Ongoing
4	Pawar H.H	Dr S.B.Joshi	01-07-2013	The study of subclasses of univalent functions	Ongoing

Summary of WCE Regular faculty guiding PhD.

SN	Name of Guide	Department	Number of PG		Number of PhD	
			Completed	Ongoing	Completed	Ongoing
1	Dr. S.N Tande	APM	50	4	0	7
2	Dr. G.R.Munawali	Civil	27	5	0	6
3	Dr. K.S Gumaste	Civil	4	4	0	2
4	Dr. G.V. Parishwad	Mechanical	31	0	7	1
5	Dr. B.S. Gawali	Mechanical	55	6	1	7
6	Dr. S.P. Chavan	Mechanical	55	3	0	9
7	Dr. U.A. Dabade	Mechanical	41	8	0	7
8	Dr. S.U. Sapkal	Mechanical	4	5	0	1
9	Dr. A.P. Vaidya	Electrical	11	2	0	4
10	Dr. D.S. More	Electrical	11	5	0	1
11	Dr. Mrs. S.S. Deshpande	Electronics	8	3	0	3
12	Mr. S.D. Ruikar	Electronics	13	3	0	2
13	Dr. Mrs. S. Subbaraman	Electronics	25	1	7	3
14	Dr. P.J. Kulkarni	CSE	62	4	9	6
15	Dr. B.F. Momin	CSE	52	15	0	5
16	Dr. D.B. Kulkarni	IT	45	3	0	8
17	Dr. Mrs. S.P. Sonawane	IT	18	4	0	4
18	Dr S.B.Joshi	Maths	0	0	0	4
			512	75	24	80

2.2 IPR and Patents: Granted, Filed and Licensed

Patents Awarded

SN	Title of Patent	Name of Faculty	Patent No.	Date of Award
1	Technique for generating a mother wavelet from the Speech signal for evaluation of wavelet transform to capture time variations in speech signal Indian Patent	Dr. Mrs. S. D. Apte	123/MUM/2002/ 3402	25-08-2006
2	Method and device for regulating and changing the compression ratio, valve timing of an internal combustion engine	Mr. D. D. Ladi (UG Student) & Dr.S.P.Chavan	565/MUM/2006	04-10-2007
3	Method And Process For Automatic Generation Of Symptom Codes From Textual Problem Descriptions To Enable Problem Classification, Early Warning Trend Prediction, And Fast Recall Of Prognostic/ Diagnostic Solutions	Dr.R.G.Chougule and others	200902653 64	22-10-2009
4	Integrated diagnosis and prognosis system as part of the corporate value chain	Dr.R.G.Chougule and others	8170743	01-05-2012
5	Fault diagnosis and prognosis using diagnostic trouble code markov chains	Dr.R.G.Chougule and others	8498776	30-07-2013
6	Event-driven fault diagnosis framework for automotive systems	Dr.R.G.Chougule and others	8301333	30-10-2012
7	Process for service diagnostic and service procedures enhancement	Dr.R.G.Chougule and others	8463485	11-06-2013
8	Method and system to augment vehicle domain ontologies for vehicle diagnosis	Dr.R.G.Chougule and others	8666982	04-03-2014

Patents Filed

SN	Title of Patent	Name of Faculty	Patent No.	Date of File
1	Integrated Hierarchical Process For Fault Detection And Isolation	Dr.R.G.Chougule and others	2009029555 9	03-12-2009
2	Automatic solar tracking system for collector dish without use of electricity	Dr. S.P. Chavan	1859/MUM/2011	28-06-2011
3	Pass Transistor Adiabatic Logic Circuit with Standby Mode (PAL2NSM)	Mrs. Dr. S. Subbaraman	2315/MUM/2011	17-08-2011
4	Design and Development of 1 TR Vapour Adsorption Air Cooling System for Truck Cabin using Heat from Engine Exhaust	Dr. G.V. Parishwad & Mr. Harish Tiwari	2752/MUM/2011	29-09-2011
5	Method and apparatus for analysis of roughness quality of flat metal surface by image processing	Dr. K.H. Inamdar	2752/MUM/2011	09-03-2012
6	Method and apparatus for analysis of roughness quality of flat metal surface by image processing	Dr. K.H. Inamdar	624/MUM/2012	09-03-2012
7	Cryptography and steganography	Dr. Mrs. S.P. Sonavane	1120/MUM/2012	15-03-2012
8	An Instant Potable and Compact Cooling System working on Multiple Heat Sources	Dr. G.V. Parishwad, & Mr. Harish Tiwari	768/MUM/2012	22-03-2012
9	Process for Image Authorization, Authentication and Integrity check	Dr. Mrs. S.P. Sonavane	1120/MUM/2012	09-04-2012
10	Method And Apparatus For Analysis Of Roughness Quality Of Flat Metal Surface By Image Processing	Dr.K.H.Inamdar	624/MUM/2012	04-05-2012
11	A System and Method for Detecting Unbalance in a rigid rotor Using a Dynamic Balancing Machine	Dr. Y. V. Joshi & Mr. N.G. Apte	300MUM/2013	02-02-2013
12	An innovative method for Heating water by using PTFE coat or the like	Mr. S.V. Ramchandre	1521/MUM/2014	01-05-2014
13	A System for Turning Vehicle with Minimum Turning Radios	Dr. S.P. Chavan	3250/MUM/2014	13-10-2014

SN	Title of Patent	Name of Faculty	Patent No.	Date of File
14	A System and A Method For Faster Reorganization Of Iris Pattern On Distributed Systems	Mr. A.J. Umbarkar	R201621004648	09-02-2016
15	Process for image authorization authentication and integrity check	Dr. Mrs. S.P. Sonavane	R20162007239	09-03-2016
16	online fraud detection for electronic voting under AICTE RPS	Dr.S.P.Sonavane	201621008275	15-03-2016
17	A System and a Method for Treating Domestic Wastewater	Dr.P.G.Sonavane, Dr.G.R.Munavalli	02806342803201650032	27-03-2016

Faculty successfully completing courses from foreign universities

The details of Faculty members from WCE who have completed their online PURDUE NExT Courses from Purdue University and other universities successfully are as follows:

Sr. No.	Name of the Faculty	Title of the Course	Date of Completion
1	Sushil Karvekar	Hybrid-Electric Vehicles-Power Electronics and Electric Machines	Feb 2, 2015
2	Medha Shah	Principles of Parallelism	Oct 20, 2015
3	U B Chavan	Principles of Parallelism	
4	Vishal Gaikwad	Fundamentals of Nano-electronics: Basic Concepts	May 26, 2015
5	Sachin Ruikar	Fundamentals of Nano-electronics: Basic Concepts	May 26, 2015
6	Dr.K.S.Gumaste	The Search for Vernacular Architecture of Asia, Part 1	May 23, 2015
7	Dr.K.S.Gumaste	Introduction to Steel	June 25, 2015
8	Dr.K.S.Gumaste	Introduction to Engineering and Engineering Mathematics	Aug 28, 2015

Other faculty Achievements

- Mathematics Professor Dr. Santosh B. Joshi has attended Hokkaido University, Sapporo, Japan from 1-15th June 2015 for carrying research work.
- Mr. J.M. Dabir, Assist. Prof. in Mechanical Engg. has attended the training for German Language teachers offered by Goethe Institute Germany from 28th June to 25th July 2015.
- Smt. M.A. Shah, Asst. Professor, CSE Department presented a Paper titled "Parallel Scalable High Performance Publish Subscribe Systems" at the 9th ACM 'International Conference on Distributed Event-Based Systems (DEBS-2015)', during 1-6th July 2015 by **University of Oslo, Norway**.
- Dr. Smriti Bhandari, Associate Professor, CSE, Received DST-CSIR Funding of Rs.16 Lakh for the Project on "intelligent Cognitive Vision Support for an Independent Lifestyle of Elderly People" for 3 Years.
- Dr. G.V. Parishwad, Director, WCE, Sangli attended AICTE meeting for North Eastern Quality Improvement Program (NEQIP) Mentors at Guwahati on 28th October 2015 and visited two Institutes in Nagaland, ICIT, Mokokchung and Khelhoshe Polytechnic Atoizu during 29th to 31st October 2015 as a NEQIP Mentor.



Prof. G.V. Parishwad, Director, WCE, Sangli visited ICIT, Mokokchung and Khelhoshe Polytechnic Atoizu in Nagaland during 29th to 31st October 2015 as a North Eastern Quality Improvement Program (NEQIP) Mentor.

2.3 Footprint of Projects and Professional Practices (Testing and Consultancy):

Research Grants Received

Agency/Year	2011-12	2012-13	2013-14	2014-15	2015-16	Total
AICTE	75.73	18.20	-	-	-	93.93
DST	22.95	-	-	-	18.00	40.95
MPCB	68.22	7.05	11.845	4.90	7.75	103.76
CDTP	-	21.50	8.00	8.00	8.00	60.50
TEQIP-II	200.00	300.00	300.00	250.00	200.00	1250.00
BRNS	18.35	-	-	-	-	18.35
Total	386.00	346.75	319.85	262.90	248.75	1567.05

- **TEQIP Phase-I(2004-08)**– A world bank project with a funding of **Rs. 8.65 Crore**.
- Progressing well **TEQIP Phase-II (2012-16)** with **Rs. 12.5 Crores** of Funding.
- NPIU released **additional Rs.5.00 Crore** funds based on performance.

Details of Testing and Consultancy

Testing and Consultancy (Rs. In Lakh)				
Department	2012-13	2013-14	2014-15	2015-16
Civil	8.98	4.50	29.20	5.79
Mechanical	10.69	10.24	13.50	9.92
Applied Mechanics	19.19	21.84	20.59	25.89
Electrical Engineering	1.47	1.04	0.70	0.55
Computer Sci. &Engg.	0.10	0.00	0.00	0.00
Information Technology	0.00	0.04	1.0	0.00
Public Health	0.00	12.31	0.00	3.86
Admission	16.13	0.00	0.00	0.00
Total	56.56	49.97	64.99	46.01



Prof.Dr.S.P.Chavan during testing of equipment

Research Projects Completed by the faculty in the last four years

Year wise	Name of the project	Funding agency/ Industry	Grant Received Rs. Lakhs
A. College Funded Minor Projects			
2013-14	Design & Development of Parallel evolutionary algorithm for Function Optimization NVidia (1 Lac GPGPU card donated)	TEQIP	2.50
2013-14	Design of Robust Protocol for relying scheme in co-operative communication	TEQIP-II	3.25
2013-14	Implementing RFID for college	TEQIP-II	0.60
B. Other agencies - National and International (Major Projects)			
2011-13	Study on Water Quality and Treatment of Harvested Rooftop Rain-water	AICTE	10
2010-11	Design and development of a flexure bearing for miniature linear compressor- Dr. M.M. Khot.	DST, N. Delhi	14.04
2012-13	Research in electro discharge machining	AICTE, N. Delhi	18.20
2012-13	Machining of MMCs- Dr.U.A.Dabade	DST, N. Delhi	23.50
2010-11	Location management in Wireless Sensor Networks with Mobility	RPS-AICTE	10.35
2009-12	Development of Problem Solving Environment (PSE) for scalable HPC.	AICTE RPS	3.45
2010-12	Development of Problem Solving Environment (PSE) for scalable HPC	NRB-DRDO	46.64
2010-13	Exploring Image Analysis Techniques for Detection and Classification of Malignant Breast Lesions Dr. S. H. Bhandari	DST	8.88
2011-13	Development of Neuro-fuzzy system for HCI applications based on eye-gaze tracking.	AICTE RPS	9.20

Ongoing Research Projects

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
A. College Funded Minor Projects			
2013-16	Wastewater treatment by aerobic and anaerobic SBR	Seed fund under TEQIP-II	3.00
2013-15	Characterization of Burnt Clay Bricks of Maharashtra	Seed fund under TEQIP-II	1.15
2013-15	Improving performance of existing rapid sand filters in urban water treatment plants and trying appropriate water purification alternative for rural area	Seed fund under TEQIP-II	1.70
2013-15	Food Waste Management	Seed fund under TEQIP-II	1.70
2013-15	Indoor air quality investigation in school buildings situated in Sangli District	Seed fund under TEQIP-II	1.97
B. Other agencies - National and International Minor Projects			
2013-15	Design of PLL Based Frequency Synthesizer For Airborne Systems	IIT Bombay	-
2013-15	Hardware Realization of Stereo Camera & Associated Emb. System	IIT Hyderabad	-
2013-15	FPGA Implementation of Kalman Filter	IIT Bombay	-
B. Other agencies - National and International Major Projects			
2013-14	Studies on utilization of Water Treatment sludge in the verification of Burnt clay Bricks for Buildings-Dr. K. S. Gumaste	RPS - AICTE	16.30
2012-13	Package Treatment for Domestic Wastewater-Dr. P. G. Sonavane	RPS- AICTE	22.50
2013-14	Study of Static & Dynamic Behavior of Helical Compression Spring with continuously varying Coil Diameter - Mr. A.P.Patil and Dr.S.P. Chavan	RPS- AICTE	8.80
2013-14	Development of Automated Inspection Method for Metal Castings using Image Processing Techniques - Dr. K.H. Inamdar	RPS- AICTE	8.80
2013-14	Development of new machine topology	RPS- AICTE	15.30
	Performance comparison of Wavelet, Neural and Time domain- Mrs. S. P. Diwan		14.40

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
2011-12	Raisin making process and techno-logy development- Dr. S.P. Chavan and Mr. B.N. Naik	BARC	25.0
2012-13	FPGA implementation of MPC	RPS-AICTE	16.0
2013-16	Design and Implementation of Surveillance Mining System - Dr. B. F. Momin	RPS-AICTE	15.50
2012-15	Implementation of Cellular Automata for Multi-share Cryptography Security- Dr. Mrs. S. P. Sonavane	RPS-AICTE	8.00
2016-18	intelligent Cognitive Vision Support for an Independent Lifestyle of Elderly People - Dr. S. H. Bhandari	DST, N. Delhi	16.00
C. Industry sponsored Minor Projects			
2013-15	Test Automation Using Virtual Environment	John Deere	4.50
2013-15	Automation of Machine and Control System to Optimize Level Car Parking	PARI Automation	-
2013-15	Tire Pressure Monitoring System(TPMS)	Hella Electronics	-
2013-15	Marvell's Motherboard Layout Design for Vector Signal Generator	Marvel Semiconductor	-
C. Industry sponsored Major Projects			
2008 on-wards	Air Monitoring	MPCB	16.67 per annum

Major Research Projects (On-going and Completed in AY 2015-16)

Name of the Investigator	Title of the project and duration	Amount sanctioned (in Rs. Lakhs)	Funding Agency
Dr. S. S. Deshpande	Non-linear model predictive control design and implementation in FPGA in imbedded system	12.00	RPS, AICTE

Interdisciplinary & Collaborative Research

Department	Collaboration with	Area of Research
Civil Engg	Maharashtra Pollution Control Board, Mumbai	Air quality and noise monitoring in Sangli
Mechanical Engg	BARC, Mumbai, Danfoss	Rasin making process and technology development
Electronics	John Deere	Agricultural & Automotive Research
CS & Engg.	IIT, Bombay	High Power Computing
Info. Technology	NVidia, Bangalore	Image and Video processing
Mathematics	University of Central Florida, Orlando, USA	Complex Analysis

Transferring Research to Community

Research Work	Application
Roof top rainwater harvesting system and development of package inline treatment	Implemented in college campus
Treatment for domestic wastewater	Implemented in staff quarter
Low cost and Energy Efficient Building Designs	Application of Filler slabs, Stabilized Mud Blocks, Composite Beam-panels roofs for residential buildings in and around Sangli
Research on black cotton soil towards reduction of floor-	Flooring distortion minimizing on GF when plinth filling is done on BC
Embedded System Design	Automotive and agricultural applications
High Performance Computing	Platform for algorithm testing

Research Awards Received by the WCE Faculty

Name of faculty	Prize/Award received	Organization/ Institute	Year
Civil Engineering			
Prof. Dr. S. N. Tande	Suchit Kumar Ghosh Memorial Prize	The Institution of Engineers	2007
	The Dr. Jai Krishna Prize		2009
	Leading Scientist of the World 2012	Int. Biography Centre, Cambridge,	2012
	The Cambridge Certificate		2013
Shri. S.B. Kadam	Young Scientist Award under the discipline of "Engineering science and Technology	Uttarakhand State Council for S&T Nov 2011.	2011
Dr. G. R. Munavalli	S.V. Patwardhan prize for best paper published	Journal of Indian Water Works Association	2014
Electrical Engineering			
Dr. D. S. More	Best research paper award	(NPEC-2011), held at Bengal Engg and Science Uni. Shibpur,	2011
Mechanical Engineering			
Dr. M.Y. Khire	Best Teacher Award	Maharashtra State Govt.	2005
Dr. M.M. Khot	Young Scientist Award	DST, N. Delhi, India	2010
Dr R G Chougule	Boss Kettering Award	General Motors Inc	2010
Dr R G Chougule	Charles McCuen innovation award GM India Presidents Honour		2010
Dr R G Chougule	Inclusion in Worlds Who's Who	Marquis, 2008 Edition	2008
Dr R G Chougule	Innovation Milestone Award	General Motors Inc	2011
Dr. U. A.Dabade	DST- FAST TRACK Young Scientist Award	DST, N. Delhi, India	2012
Dr B S Gawali	Consistent Contribution in HVAC	ASHRAE	2012
Information Technology			
Dr. S.P. Sonawane	Young Scientist Award	DST, N. Delhi, India	2007
A. J. Umbarkar	Best Paper Award High performance GPGPU – Titan card of Rs. 1 Lakh N-Vidia research on Evolutionary algorithm.	BVCON 2009 N-Vidia, Pune	2011
Computer Science & Engineering			
Dr. P. J. Kulkarni	Best Teacher Award	Maharashtra State Govt.	2012
Mrs. M.A. Shah	Received best presentation award at Doctoral Symposium of DEBS 2014.	IIT, Mumbai	2014
Dr. S.H. Bhandari	Research fellowship under Woman Scientist Scheme	DST, N. Delhi, India	2006
Dr. S.H. Bhandari	Young Scientist Award	DST, N. Delhi, India	2010
Dr. P. J. Kulkarni	Recognition in Who's Who for excellence in Academics	-	2011
Mrs. M. A. Shah	Received sponsorship of US\$ 400 Best presentation award at Doctoral Symposium of DEBS at IIT, Mumbai	IIT, Mumbai	2013
Mrs. M.A. Shah	Received sponsorship of US\$ 200 for IPDPS Conference	Association of computing machinery, New York	2014
M.K. Chavan	Research fellowship at IISc Bangalore in Supercomputer Education Research Centre (SERC)	SERC, DST, N. Delhi, India	2013
Mathematics			
Dr. S.B. Joshi	Young Scientist Award	DST, N. Delhi, India	1999
Dr.(Mrs.) S.S. Joshi	Woman Scientist Award	DST, N. Delhi, India	2008

Institute Level Best Practices

- **Solar street lighting** facility throughout the campus
- **Rain water harvesting**
- Decentralized **waste water treatment plant** based on natural principles
- **Water for gardening** derived from above.
- **Natural lighting** arrangement in Badminton hall and few labs
- **Training programs for weaker section of the society** and rural population in Sangli District through community service to enable them for self-employment
- Academic flexibility
 - **Interdisciplinary Open/institute electives**
 - **Internship** UG (SPA), sponsored projects for PG
- **Emphasis on ICT** for all academic and administrative activities
 - Use of LCDs, interactive boards, e_learning material, on-line assignments/examinations, simulation tools etc
 - Use of **virtual labs** for teaching both theory and practical sessions of few courses as per IITB methodology (DIP, Animation Techniques)
 - Few curricular courses **blended with IITB** course material, **NPTEL videos**, and lecturer's material
- Transparent Examination process
- Academic monitoring
- 25% UG and PG **projects** related with **societal concerns**
- **Research paper publication** for PG students is mandatory
- Few students getting stipend of **Rs 10000/- p.m.** for a period of six months for projects under **TIFAC**
- Excellent **TPO** activity
- 30% students get **internship in IT** related companies and most of them get absorbed in same companies.
- **24 x 7 lab facility** available administered by student club members
- Industrial and field **visits**

Ideal Teacher for Degree, Diploma and Ideal Support Staff Award from Walchand College of Engineering, Sangli.

Ideal teacher awards to one faculty each from degree and diploma every year with a cash prize of Rs 15000/- and Rs.5000/- to Ideal Support Staff. The list of degree faculty members who have received Ideal teacher awards since its inception are as follows:

SN	Year	Teaching Faculty	
		Degree	Diploma
1	1998-1999	N.V. Marathe, (Elnx)	M.S. Vader (Ind. Elnx)
2	1999-2000	S.S. Bapat, (Civil)	R.G. Bhosale (Elec)
3	2000-2001	D.S. More, (Elec)	A.G. Inamdar (Mech)
4	2001-2002	A.P. Vaidya, (Elec)	S.P. Kulkarni (Mech)
5	2002-2003	N.V. Patel, (Elec)	S.M. Kulkarni (APM)
6	2003-2004	G.R. Munavalli, (Civil)	A.V. Kamble (Mech)
7	2004-2005	S.N. Kore, (Elnx)	S.B. Jalihal (Mech)
8	2005-2006	K.S. Gumaste, (Civil)	A.S. More (Elec)
9	2006-2007	Mrs. S.P. Sonavane (CSE)	N.G. Savgave (Elec)
10	2007-2008	R.H. Chile, (Elec)	B.M. Kulkarni (Civil)
11	2008-2009	R.R. Rathod, (IT)	A.A. Agashe (Elnx)
12	2009-2010	V.B. Dharmadhikari, (Elnx)	N.N. Kamble (Civil)
13	2011-2012	A.P. Vaidya, (Elec)	S.N. Kulkarni (Civil)
14	2012-2013	D.B. Kulkarni (IT.) and Smriti Bhandari (CSE)	K.S. Kadam (Civil) & N.S. Narayankar (Ind. Elnx)
15	2013-2014	K.S. Gumaste, (Civil) & V.R. Gaikwad (Elnx)	A.V. Kamble (Mech) & R.G. Bhosale (Elec)
16	2014-2015	D.S. More (Elec) & G.R. Munawalli (Civil)	R.D. Padhye (Civil) & D.B. Urunkar (Mech)

SN	Year	Support Staff	
		Class-II/III	Class-IV
1	2011-2012	D.G. Kolap (Office) & S.D. Deshpande (Exam)	D.A. Vichare (Elec) & A.P. Ingawale (Lib)
2	2012-2013	S.R. Jadhav (Office) & A.G. Naik (CCF)	S.G. Shivgan (Mech) & M.A. Vibhute (APM)
3	2013-2014	D.B. Ramtirthkar (Office) & R.S. Sarode (CSE)	T.L. Tupdale (Mech) Smt.K.R. Pawar (Lib)
4	2014-2015	S.P. Mane (Office) & M.H. Bhide (CCF)	N.N.Suryawanshi (Office) & P.R. Pawar (Office)

Dr. S.A.N. Inamdar (Librarian) was awarded with 'Special Appreciation Award' during 2015-16.

3. GRADUATION OUTCOME

3.1 Student Mentoring and Support

In order to improve the performance of the students various methods of Mentoring and support are followed in the Institute which are as follows:

- **Counseling System**
 - Counseling to students with poor attendance and academic performance by class teacher/course teacher.
- **Economically Weak Students**
 - Support through endowments and scholarships
 - Earn and Learn support through Library
- **Encouragement** to participate in co-curricular activities viz. paper presentation, debates, project competitions etc.
- **Soft skill development training**, Career guidance and Placement through Training and placement cell.
- **Financial Assistance**
 - 50% UG (State Govt) and 100% PG students (Central Govt.)
 - Support for **physically challenged** students
 - **Preference** is given for **hostel** / in campus accommodation.
 - **Lecture** and Examination **halls** are provided at the **ground floor**.
 - **Ramps** are provided at various places in the campus
 - **Extra time** is given for examination of theory paper and labs **for PH students**.
 - Administrative support to avail **concessional travel** to attend conferences, seminars, industrial visits etc. from state and central government agencies.
- Support to **SC/ST** students
 - **Book bank** scheme
 - **Facilities of Social welfare** Department, GoM passed on to the category students
- Support to **slow learners**
 - Course faculty provides learning material, interacts for solving problems and clarifies the doubts and **summer term**
- Exposure to students of other academic institutes, corporate, business houses
 - **Participation** in paper presentation, project competition, quiz contest organized by other institutes
 - **Student transfer** programme
 - **Industrial visits**
 - Virtual tour of industry during company presentation (**campus placement**)
- Support for GATE examination
 - **Software** for Solving Question Paper for **GATE**
 - For attempting mock GATE examination
- Support for sportspersons
 - **Exemption from attendance** requirement
 - **Provision** for sports kits, dress, diet etc.

Following student support cells are in place.

- **Training and placement cell**
 - Personality development and soft skill training programs organized through TPO
- **Registered Alumni Association**
 - Donations from alumni
- **Student Grievance cell**
- **Sexual harassment committee, Anti-ragging committee**

3.2 Combined Performance in Public and University

Result of 2013-14 and 2014-15

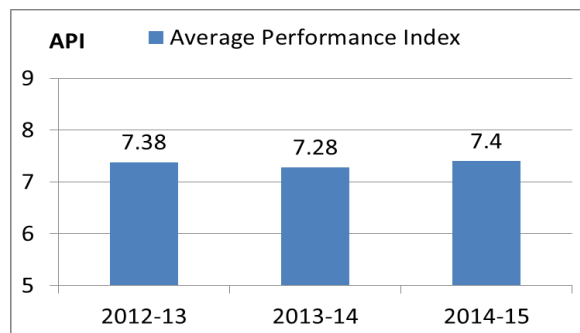
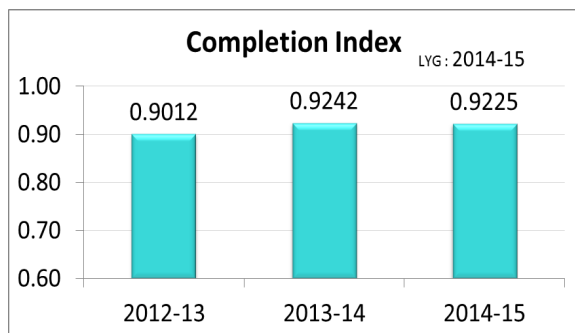
Class	Department	2013-14					2014-15				
		Pass	ATKT	Fail	Total	% of Passing	Pass	ATKT	Fail	Total	% of Passing
F.Y. B.Tech.	Civil	46	14	5	65	92.31	57	5	6	68	91.18%
F.Y. B.Tech.	Mechanical	58	1	5	64	92.19	58	4	4	66	93.94%
F.Y. B.Tech.	Electrical	58	9	4	71	94.37	59	3	6	68	91.18%
F.Y. B.Tech.	Electronics	55	3	6	64	90.63	62	2	5	69	92.75%
F.Y. B.Tech.	CSE	82	8	11	101	89.11	83	9	9	101	91.09%
F.Y. B.Tech.	IT	52	8	11	71	84.51	55	11	5	71	92.96%
S.Y. B.Tech.	Civil	64	5	7	76	90.79	63	16	3	82	96.34%
S.Y. B.Tech.	Mechanical	70	9	1	80	98.75	62	11	3	76	96.05%
S.Y. B.Tech.	Electrical	69	5	3	77	96.1	60	11	8	79	89.87%
S.Y. B.Tech.	Electronics	71	4	2	77	97.4	68	6	2	76	97.37%
S.Y. B.Tech.	CSE	105	8	4	117	96.58	98	11	7	116	93.97%
S.Y. B.Tech.	IT	67	6	5	78	93.59	66	7	4	77	94.81%
T.Y. B.Tech.	Civil	68	6	6	80	92.5	65	6	2	73	97.26%
T.Y. B.Tech.	Mechanical	70	5	1	76	98.68	75	3	1	79	98.73%
T.Y. B.Tech.	Electrical	72	3	2	77	97.4	71	1	2	74	97.30%
T.Y. B.Tech.	Electronics	73	1	4	78	94.87	72	4	1	77	98.70%
T.Y. B.Tech.	CSE	106	8	2	116	98.28	111	2	2	115	98.26%
T.Y. B.Tech.	IT	73	2	2	77	97.4	67	5	1	73	98.63%
Final year B.Tech.	Civil	83	0	2	85	97.65	71	0	3	74	95.95%
Final year B.Tech.	Mechanical	73	0	4	77	94.81	79	0	0	79	100.00%
Final year B.Tech.	Electrical	74	0	5	79	93.67	71	0	7	78	91.03%
Final year B.Tech.	Electronics	80	0	2	82	97.56	74	0	1	75	98.67%
Final year B.Tech.	CSE	118	0	3	121	97.52	115	0	0	115	100.00%
Final year B.Tech.	IT	76	0	0	76	100	75	0	0	75	100.00%
F.Y. M.Tech.	Civil (Environmental)	12	4	0	16	100	16	2	0	18	100.00%
F.Y. M.Tech.	Civil (Structural)	18	0	0	18	100	24	0	3	27	88.89%
F.Y. M.Tech.	Mech. (Design)	29	2	0	31	100	30	0	0	30	100.00%
F.Y. M.Tech.	Mech. (Heat Power)	18	0	0	18	100	18	0	0	18	100.00%
F.Y. M.Tech.	Mech. (Production)	18	0	0	18	100	30	0	0	30	100.00%
F.Y. M.Tech.	Electri. (Control System)	15	3	0	18	100	12	4	1	17	94.12%
F.Y. M.Tech.	Electri. (Power System)	18	0	0	18	100	15	3	0	18	100.00%
F.Y. M.Tech.	Electronics	28	1	1	30	96.67	29	2	0	31	100.00%
F.Y. M.Tech.	CSE	29	1	0	30	100	30	0	0	30	100.00%
F.Y. M.Tech.	CSE (IT)	18	0	0	18	100	18	0	0	18	100.00%
S.Y. M.Tech.	Civil (Environmental)	11	0	0	11	100	16	0	0	16	100.00%
S.Y. M.Tech.	Civil (Structural)	11	0	0	11	100	16	0	0	16	100.00%
S.Y. M.Tech.	Mech. (Design)	1	0	0	10	100	29	0	0	29	100.00%
S.Y. M.Tech.	Mech. (Heat Power)	11	0	0	11	100	19	0	0	19	100.00%
S.Y. M.Tech.	Mech. (Production)	18	0	0	18	100	18	0	0	18	100.00%
S.Y. M.Tech.	Electri. (Control System)	11	0	0	11	100	17	0	0	17	100.00%
S.Y. M.Tech.	Electri. (Power System)	12	0	0	12	100	17	0	0	17	100.00%
S.Y. M.Tech.	Electronics	17	0	0	17	100	29	0	0	29	100.00%
S.Y. M.Tech.	CSE	17	0	0	17	100	29	0	0	29	100.00%
S.Y. M.Tech.	CSE (IT)	17	0	0	17	100	18	0	0	18	100.00%
	Total	2101	116	98	2315	97.12	2167	128	86	2381	97.25%

Completion Index

Year	FY Admission	DSY Admission	Total	Graduated	CI
2012-13	420	96	516	465	0.9012
2013-14	432	96	528	488	0.9242
2014-15	418	90	503	464	0.9225

Academic Performance Index

CPI	9.5	8.5	7.5	6.5	5.5	API
2012-13	0	14.16	60.52	24.25	1.07	7.38
2013-14	0.82	18.65	43.44	29.51	7.58	7.26
2014-15	2.16	23.28	39.66	30.17	4.74	7.38



Top Scorers in Competitive Examinations

GATE-2016 Toppers (All India Rank Less Than 5000)

SN	Students Name	Branch	Rank
1	Sourabh Sarda	Civil	AIR-106
2	Abhijit Bagal	Mechanical	AIR-447
3	Abhishek Ashtekar	Electronics	AIR-618
4	Krutika Gandhi	Civil	AIR-849
5	Omkar Magdum	Civil	AIR-1186
6	Sharan Kamble	Electronics	AIR-1500
7	Aniket Bhosale	Civil	AIR-1818
8	Suyog Jain	CSE	AIR-2101
9	Rajwardhan Sarnoubat	Mechanical	AIR-2123
10	Palash Tichkule	IT	AIR-2127
11	Pranav Mane	Civil	AIR-2340
12	Rameshwar More	Mechanical	AIR-2386
13	Abhishek Singh	Civil	AIR-2496

SN	Students Name	Branch	Rank
14	Sanjay Nagrale	Civil	AIR-2563
15	Apratim Patil	Civil	AIR-2563
16	Shantanu Gawade	Mechanical	AIR-2876
17	Bhageshree Gaikwad	Civil	AIR-3103
18	Vinaykumar Kore	Electrical	AIR-3372
19	Prasad Deshpande	Civil	AIR-3514
20	Nilesh Gawade	Electrical	AIR-3587
21	Avinash Menkudale	Mechanical	AIR-3778
22	Swapnil Gourshete	CSE	AIR-3944
23	Jaswanti Aware	Civil	AIR-4380
24	Irfan Mujawar	Civil	AIR-4518
25	Mayank Koshta	Electrical	AIR-4768

CAT-2016 Toppers (More Than 75%)

SN	Students Name	Branch	Percentile
1	Abhshek Ozarde	Mechanical	98.77
2	Roshan Desai	Electronics	98.43
3	Sanket Nikam	Mechanical	90.00
4	Shekhar Kulkarni	Mechanical	89.99
5	Ismail Mullani	Mechanical	87.39
6	Gore Anirudha	Civil	86.68
7	Shruti Shah	Electronics	80.53
8	Mayank Koshta	Electrical	75.83

GRE in 2015-16 Toppers (More than 300)

SN	Students Name	Branch	Score
1	Sourabh Sarda	Civil	315
2	Prathmesh Khade	Mechanical	309
3	Harshwardhan Vadhavkar	CSE	303
4	Shantanu Patil	Mechanical	301

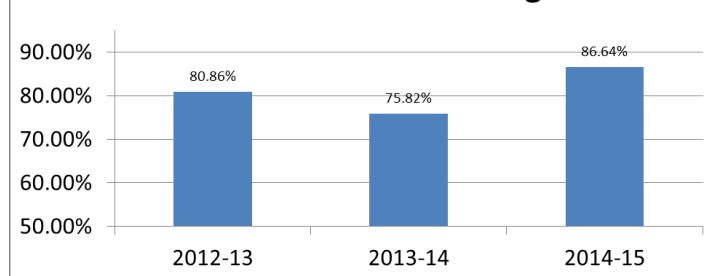
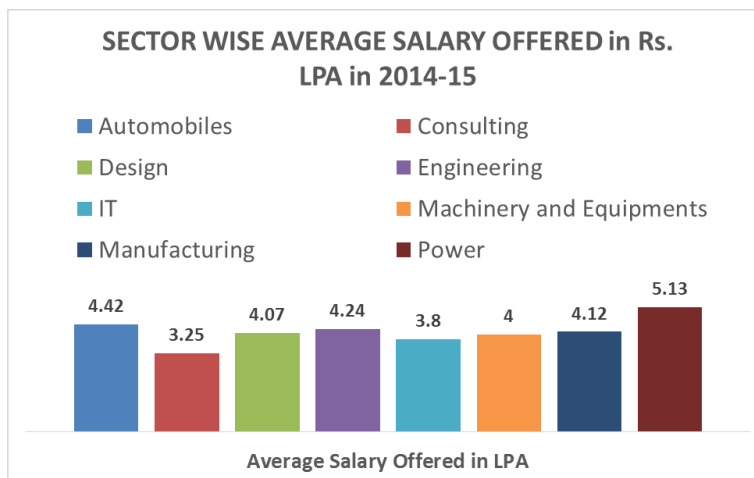
3.3 Combined Percentage for Placement, Higher Studies and Entrepreneurships

WCE, Sangli Placement for Last Three Years

Branches	UG % Placement			PG % Placement		
	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15
Civil	91.04	76.36	76.12	15.00	45.00	61.90
Mechanical	86.57	94.59	87.50	12.90	36.36	43.18
Electrical	76.81	65.15	78.57	11.11	5.00	62.50
Electronics	86.76	85.07	90.00	41.67	38.46	81.82
CSE	83.64	89.09	92.86	62.50	40.00	79.17
IT	79.10	84.51	93.06	--	33.33	91.67
Total	83.93	83.52	87.04	28.64	33.03	64.63
No. of Companies	58	71	80	Placement for PG students in Companies is increasing. Rest get off-campus placement mostly as teachers.		
Average Salary Rs Lacs	3.62	3.71	3.81			
Max Salary Rs. Lacs	10.50	12.00	16.00			
Dream Offers	61	103	264			

UG Placement of Last Three Years

Year	Graduated	Placed	% Placed
2012-13	465	376	80.86
2013-14	488	370	75.82
2014-15	464	402	86.64
Average	472	383	81.02

UG Placement Percentage**Sector wise Placement Analysis of Visiting Companies****Placement of UG and PG Students: 2015-16 (As on May 10, 2016)**

Branch	Placement of UG Students			Placement of PG Students		
	Enrolled	Placed	% Placement	Enrolled	Placed	% Placement
Civil Engineering	55	43	78.18	35	7	20.00
Mechanical Engineering	71	62	87.32	60	25	38.00
Electrical Engineering	64	52	81.25	33	17	51.51
Electronics Engineering	72	63	87.50	25	17	68.00
Computer Science Engg.	110	101	91.82	28	24	82.14
Information Technology	72	62	86.11	18	8	44.44
Total	444	383	86.26	164	98	59.76

TOP FIVE COMPANIES on the basis of salary and number of students placed in 2015-16.

Sr. No.	Company Name (On the Basis of Salary)	Average INR/Annum	Sr. No.	Company Name (On the basis of number of students placed)	Number of students placed
1	IBJ	21	1	Accenture	185
2	Symantec	10	2	IBM	128
3	SEAGATE	9.5	3	Wipro	100
4	EMC	8.96	4	Infosys	88
5	Agrostar	8.6	5	Tata-Elxsi	26

Detailed Placement of 2015-16:

This year, 58 companies visited the campus for placement till May 10, 2016. The following table gives the details of the companies visited along with the salary and no. of jobs offered.

Sr. No.	Company	Salary in LPA	Total Offers	Dream Offers	No. of students offered												Date	Month	
					Civil		Mech.		Electrical		Electronics		CSE		IT				
					UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG			
1	Eaton Corporation	5	17				5		2		2		6		2		10	J u l y	
2	ThoughtWorks	6.5	6									6	0	0	0		11		
3	Pubmatic	6	2									2	0		0		13		
4	Josh Software	6.5	4	3								3	1	0	0		14		
5	Principal	5.5	7		0		1		0		2		2		2		24		
6	ZS Associate	4.5	9		1		0		2		3		1		2		29		
7	Symantec	10	12	4								11	1	0	0		8	A u g u s t	
8	Persistent	3.58	14	6								5	5	3	1		6		
9	Webonise Lab	4.5	1									1	0	0	0		12		
10	3dPLM Software	4 /4.5	7				2	1				3			1		14		
11	Cummins	4.25	2				2										12		
12	Mu Sigma	4.5	2	2			1		1								20		
13	Thermax	4.5	3				3										22		
14	TCS	6.3	3	1								2			1		25		
15	IBM	3.3	128	35	8		16	9	14	4	20	3	23	4	26	1	1	S e p t e m b e r	
16	Accenture	3.5	185	58	13		24	6	18	8	34	6	37	9	28	2	5		
17	TataElxsi	3.5	26	4							4		12	5	4	1	7		
18	HSBC	7.2	0														8		
19	Alfalaval	3.5	5				5										8		
20	IBJ	21	1	1								1					10		
21	Black & Veatch	6.2	2				2										10		
22	Wipro	3.2	100	61	1		0		13	2	25	6	29	3	20	1	12		
23	John Deere	4.76	10	7			6		2		2						14		
24	Tata Technology	4	8	8			4						2		2		14		
23	Infosys	3.25	88	65	8	0	4	4	13	4	17	5	18	0	14	1	15		
24	TechMahindra	3.25	5		1				3		1						18		
25	MindTree	3.2	0						0		0		0		0		19		
26	Igate	3.5	8						4		2		1		1		21		
27	L & T (ECC)	5.5	3		1		0	2	0								24		
28	Hindustan Uni.	5.8	3	2			1		2								7	O c t o b e r	
29	Finserve	3	2										1		1		9		
30	GS Lab	4.5	12	12									10		2		14		
31	Sokrati	5.8	0														10		
32	eInfochips	2.8	8	1							4		2		2		12		
32	Bajaj	4.7	4	4			4										15		
33	Shapoorji	3.6	4	3	4												21		
34	L & T Infotech	3.25	0								0		0		0		26		
33	ThyssenKrupp	4.5	4	2	4												3	N o v	
34	EMC	8.96	3	3									2		1		3		
35	NVIDIA	7.26	2	2									1		1		5		
36	HCC	3.5	4	2	4												8		
37	SEAGATE	8.4/9.5	5	5							4		1				16		
38	MAHADISCOM	5.5	9	5					0	9							1		
39	FANUC INDIA	3	2	1					2								18	D e c	
40	Kyazoonga	4 /4.5	7										1		4	2	7		
41	Agrostar	8.6	1	1									1				14		
42	Petrofac	5.6	1		1												5		
43	CDK Global	4.5	1	1									1				12		
44	Prescient Tech.	3	1				1										15		
45	Riktam Technology	4.2	2	1									2				18	J a n u a r y	
46	Geometric Soft.	3.6/4	11				1	5		1		1		2	1		21		
47	Endurance Tech.	3.5	4	2			4										22		
48	ThyssenKrupp	4.2	8	5			8		0								28		
49	STUP	4.8	3				3										29		
50	Siemens	5.6	9	8					9								30		
51	Prototech	3	1											1			21	F e b	
52	Idyllic software	6.5	2	2									2				29		
53	Faurecia Design	3.5	2	1			2										29		
54	TCS	3.25															2		M a r
55	Quinstreet	5															5		
57	WRD /PWD		2				2												
58	BMC		2				2												
59	Faurecia Design	3.5	2	1			2										29		
60	TCS	3.25	3	2				1		1	1						2		
61	Quinstreet	5.23	4	4									4				5		

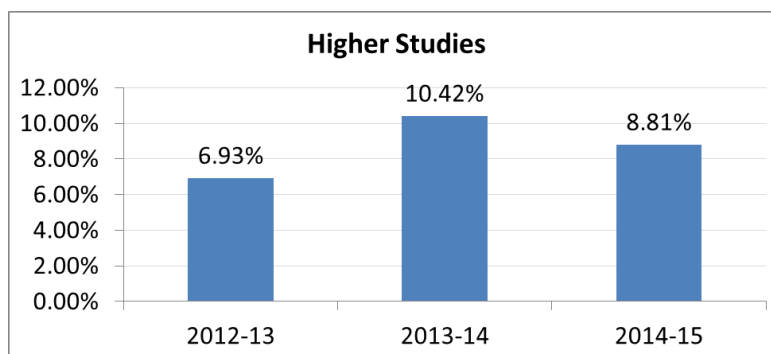
Sr. No.	Company	Salary in LPA	Total Offers	Dream Offers	No. of students offered												Date	Month
					Civil		Mech.		Electrical		Electronics		CSE		IT			
					UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG		
59	Faurecia Design	3.5	2	1			2										29	A p r i l
60	TCS	3.25	3	2				1		1	1						2	
61	Quinstreet	5.23	4	4									4				5	
62	WRD /PWD	4.8	4			2		2										
63	TCS	3.33	2	1						1	1						15	
64	Dhruv Consultancy	2.4	14	5	14												6	
65	BMC	4.8	1	1				1									29	
66	SEAGATE	8.5	5	3							3		2				29	
67	GLOBANT	4.5	1	1											1		22	
68	Sulzer	4.75	1	0			1										15	
69	WalchandnagarInd.	3.75	4				4										22	
70	ITD Cementation	3.5															5	
71	TIBCO	3.5															10	
72	Mubea Automotive	5															11	
Total Offers			821	340	65	7	102	32	85	30	118	28	191	35	116	12	821	
Dream Offers					22	0	40	7	33	13	55	11	90	11	54	4	340	
No of Students Placed					43	7	62	25	52	17	63	17	101	24	62	8	481	

Labs Set-up through Collaborations and MoU's

Sr. No.	Industry/Organization	Centre	Department
1	John Deere	Research centre in embedded system	Electronics Engg.
2	IBM	Centre of Excellence	Computer Science & Engg.
3	MPCB	Air quality monitoring Lab.	Civil Engg.
4	DRDO	High Performance Computing	Information Technology
5	Danfoss	Refrigeration and Air Conditioning	Mechanical Engg.

Graduates Opting for Higher Studies

Year	Graduated	Higher Studies	% HS
2012-13	465	32	6.93
2013-14	488	51	10.42
2014-15	464	41	8.81
Average	472	41.32	8.75



- Vijaysinh Jadhav got admissions at Stanford Uni. USA in Energy Program
- Rahul Lavate, B.Tech. Electronics-2012 is Masters in Embedded Systems at Oakland University;
- Amey Patil B.Tech. IT-2012 Clemson University South Carolina USA
- **Abhaysingh Mohite** [B.E. (CSE) - 2010 batch] Rank one in MPSC and recommended for Deputy Collector.
- **Vikram Virkar** from CSE-2010 Batch from WCE achieved AIR-811 in UPSC-2015 exam;
- **Swapnil Patil** from B.E. (Mech –2011) is recommended for IRS through UPSC-2012.
- WCE Alumni Vishwas Sapkal (Electronics-1992) is selected as Fiji High Commission of Indian Embassy

3.4 Extra-Curricular Activities and other Achievements

- 10 UG students have taken part in the Competition Event on Design and Development of Hybrid Tandem Driven Tricycle to be Show Cased in SAE NIS Effi-cycle 2016 at Jalandhar under the guidance of Mr. A.U. Paranjpe, and Dr. K.H. Inamdar during 15th to 18th October 2015. This year WCE team is shortlisted in 80 colleges out of 300 registered. Out of these 80 only 20 could complete the race. WCE team won the 'Best Design Prize' of Rs. 25,000/-.
- WCE Boys and Girls Badminton teams won the Badminton Zonal Championship 2015 held at RIT, Sakharale on 22-23rd August 2015. Girls team also won inter-zonal championship. Chess team was Second in Zonal championship.
- WCE team won QUEST and stood overall third at 'Mindspark-2015', a Technical event at College of Engineering, Pune held during 9-11th October 2015.
- Out of 2000 teams at All India Level Technology & Innovation Contest, "**Techno-Champ: 2015**", Organized by John Deere, Pune, WCE S.Y. B.Tech. Team was 1st Runner's up for their Project on "Real Time Inventory Verification System", and Final Year Team was 2nd Runner's up.
- Shri Parag Kulkarni Alumni of WCE (CSE-1990) now **CEO of Eckart Research Pune** visited WCE and had interaction with UG/PG students on 21st July 2015. He has authored 11 books.
- 60 WCE-students participated in various technical events of symposium MindSpark'15 of College of Engineering Pune (COEP) during 9-11th October. WCE students won the day-1 competition 'QUEST' on 9th October and finished third in General championship. In the individual events Ánand Pisal' and Ómkar Jadhav from S.Y. BTech CSE branch were the winners of 'Exterminate' coding competition.
- Students Associations from IT, Mechanical, Electronics and Computer Science Engineering departments jointly organized following Technical events on 10th and 11th October 2015:
 - IT - Hardware Workshop which covered Cloud Computing; Hardware Basics; Networking - Participants: 370 students from 14 colleges
 - Mechanical - VERTEX Technical Event: Participants: 965 from 18 Colleges
 - CSE - TECHUMEN Technical Events: Participants: 977 from 21 Colleges
 - Electronics – ELECTROVERT-Technical Event: Participants: 416 outside 300 from 16 colleges
- Students Associations from Civil and Electrical Engineering departments jointly organized following Technical events on 17th and 18th October 2015:
 - Civil - AAKAR Technical Events: Participants: 920 from 19 Colleges
 - Electrical - Technocrat Technical Event: Participants: 440 from 11 colleges
- Walchand Linux User's Group, WLUG organized a two-day workshop on 17th and 18th October 2015. Workshop was focused on Python and Shell scripting Software and Ubuntu Customization Kit (UCK) tool. 68 Walchand Students and 99 students from other colleges participated in the Event. WCE Alumni (2003) Shri. Suhas Desai, GM-PWC Co. Ltd. Pune Founder of WLUG inaugurated the event.
- Students' Organization for Technical Activities (SOFTA) organized a Technical event called IMPULSE from 6-12th September 2015 Participants: 370. 17 prizes of Rs. 17,000/- were awarded.
- Eight students from Final Year B.Tech Civil on 7th April 2016 in An Innovative Project Competition at Annasaheb Dange COE & T, Ashta (ADCET) won the third prize for the project "Complete Siltation of Miraj Odha".

Student Achievements



Boys Team

WCE Badminton Zonal Championship at RIT, Sakharale on 22-23rd August-2015



Girls Team



WCE Teams - Inter-Zonal Badminton Championship At Kolhapur during 8-10th September 2015



WCE Chess team of was overall 2nd in the Zonal Matches of SU Kolhapur Held at Adarsh COE, Vita during September 8 & 9th 2015



JOHN DEERE TECHNOCHAMP-2015 Runner-up-1 Project Title- Low Cost Remote Crop Monitoring (Farm Tracking System)



JOHN DEERE TECHNOCHAMP-2015 Runner-up-1 Project Title- Real Time Inventory Verification System



50 SY-CSE students from WCE, Sangli visited Envestnet – Yodlee, Bangalore on 5th February, 2016



All India Radio Abhangwani award 2015 Student: Sukrut Tamhankar, Final Year Electronics



Eight students from Final Year B.Tech Civil (Ms. Krutika Gandhi, Vivek Chavan, Abhishek Singh, Ms. Taslima Patwegar, Mangesh Khalate, Dhiraj Kulkarni, Prasad Deshpande, and Saurabh Sarda) have won the third prize in the best innovative project **“Complete Siltation of Miraj Odha”**, Exhibition and Competition INNOVATION 2K16 at Annasaheb Dange College of Engineering and Technology, Ashta (ADCET) on 7th April 2016. They worked on determination of channel bed level and proper hydraulic section by carrying out the Survey of the area, the amount of sediment to be dredged y using AutoCAD, Reusing the dredged sediment for construction of *kaccha* road on the bank, and Finding the amount of extra sediment to be dumped.

Complete Rejuvenation of Miraj Odha has following **Social benefits**: Flood Control during rainy season, Enhancement of Water quality and quantity available to Farmers, Increase in Water Table Level, and Construction of Access road for farmers, Beautification of nearby area.

Student Activities Under Student Chapter





Mechanical Engineering Students' Association-Mechanical Engineering Students' Chapter (MESA-MESC) is one of the leading departmental associations in Walchand College of Engineering, Sangli. It is a student activity where students from Mechanical Department organize themselves to develop and improve various skills including technical knowledge, aptitude, communication skills, presentation skills, general awareness etc. which is essential for an engineer when he goes to the outside to face the challenges in professional world. Its main objective is overall personality development of students

of mechanical engineering. Various activities are carried out under MESA-MESC which targets all the students of Mechanical Engineering Department.

In academic year 2015-16, MESA-MESC had organized following events:-

- Weekly Club Services: soft skill development activities. Group discussions, extempore, management games, etc.
- VERTEX 2K15: The State Level Technical symposium.
- Alumni Meet: Every year on second Sunday this event is organized by MESA-MESC.
- NOVELS 2k16: consists of paper presentation competition and various other events and games for First year Mechanical Engineering students for their personality development. This year it was organized on 8th and 9th of April 2016.
- Interviews for selection of board members and Board handover



Electrical Engineering Students' Association (EESA) EESA is a students' organization pioneered in technical activities, founded by Dr. U Gudar. It is the first and foremost established technical club at WCE, Sangli. It is active since 1976, with the concept of founder, guidance of staff advisor, under the leadership of final year students, executive row of third year students with full-fledged support of second and first year students together enhances the power of EESA.

EESA helps students pursue their technical interests thereby increasing their engineering expertise along with imparting soft skills. Since its inception, EESA is striving hard to meet its motto "To enhance technical comprehension, soft skills and managerial dexterity" of students pursuing electrical engineering in Walchand college of Engineering Sangli. EESA conducts club service on every Monday. Besides this, outdoor club services are conducted to help the members apply their theoretical knowledge. EESA every year Organize **TECHNOCRAT: Annual Technical Symposium**.



Students association of information technology (SAIT)

Since its inception in 2007, SAIT is working as departmental club of I.T department. It is an organization created by the students and for the students. SAIT organize two mega events every year. And there are weekly meet-ups on every Monday to promote learning of different technical and soft skills aspects of IT Profession.

In year SAIT organized two events

1. Hardware Workshop (10th & 11th October, 2015.);
2. Tech-Trix (5th & 6th March, 2016)



Electronics Engineering Students' Associations (EESA):

The annual technical symposium of the (EESA) of Walchand college of engineering, Sangli started on 10th and 11th of October 2015, it witnessed both, the organizers and the participants, experience thrilling technological and managerial obstacles.



Civil Engineering Students' Association (CESA): is a technical club of civil engineering department. The club organizes various technical, co-curricular and extra-curricular activities throughout the year and these activities are organized and managed by the students. As per the tradition of CESA, the events organized in the year 2015-16 are as follows:

- GIM (general interests meet) is organized in the second week of first semester where the first year students are made acquainted with CESA and the civil engineering department.
- Weekly Club Services are organized for all round development of the students in their technical skills, professional skills and soft skills. The average count of club services is 40-50.
- AAKAR is a national level technical event organized by CESA in the first semester. It includes of near about 10 sub events like structure making, town planning, concrete block making, paper presentation, general and technical quiz,

- business management etc for novice and expert category. AAKAR 2K15 was held on 17th, 18th October 2015. Participants from Sangli, Kolhapur, Satara, Solapur, Pune, Belgaum attended the event and the count reached around 2500 students.
- Alumni Meet 2016 was arranged on 9th January 2016. Around 30 alumni of civil engineering visited the college and attended the interactive session and department tour which updated them about the college and benefitted the current students with their guidance.
- SAMANVAYA 2K16 is the intra club event of CESA for first and second year students and organized by third and final year students. It was arranged on 14th & 15th April 2016 consisting of three rounds which were technical presentation, mock court, auction. The participant count was around 50 students.
- CESA is also involved in social service activities around Sangli, in this academic year two social services were conducted in the second semester. First was visit to PATHAK ORPHANAGE in Miraj for distribution of clothes, refreshment and ice-cream. Secondly a donation drive was initiated at quadrangle entrance in which clothes, stationery, notebooks were donated by college students.
- Industrial Visit of TY B Tech Civil students was organized to Koyna Dam on 22nd April 2016. 67 students along with 7 faculty members were present.



Rotaract Club of WCE Sangli has been working as an active club for past 40 years. The foremost aim of Rotaract Club of WCE Sangli service for community and overall personality development of every Walchandite. The club mainly works under four avenues headed by respective directors: Club Service Avenue, Community Service Avenue, International Service Avenue and Professional Development Service Avenue which are the pillars of the club. They also take General Body meeting and Professional Development Meet (PDMs) regularly to decide activities. This year following events were conducted:

Blood Donation camp was successfully organised in campus of Walchand College of engineering, Sangli on **13st August, 2015**. And on **9th Feb, 2016** Siddhivinayak Ganpati Cancer Hospital, Prakashbabu Blood banks and Dr. Shirgaonkar blood banks were there to assist us for the event collecting 203 and 188 blood bottles respectively as a concluding count.

Language test (11th September, 2015): Rotaract Club of WCE Sangli, conducted the English Language Test. students were asked to solve the question paper of 50 marks in the stipulated time period of 90 minutes. 358 students marked their presence in the Test.

The Test basically focused on Reading Comprehension, Grammar, E-mail Writing and Vocabulary Puzzle. The Second Round of test took place on 14th September, 2015. Top 30 students (5 students from each branch) were shortlisted according to the scores.

Treasure Hunt: On 17th January, 2016, we, Rotaract Club WCE Sangli, conducted Treasure Hunt Club Service by dividing the participants in five teams. Imagination and brain power, managed to hunt down the treasure.

Mastermind: Under International Service Avenue, Rotaract Club of WCE Sangli organized the Mega event, Mastermind during **9th and 10th April, 2016**. MASTERMIND was based on tackling a real life problem with an innovative as well as feasible solution, fund raising, product launching, marketing, selling and expansion. Twenty teams were shortlisted. Every team had two representatives, namely, the Chief Executive Officer (CEO) and Chief Financial Officer (CFO). Chief guests Mr. Pankaj Samani, CEO SMCVPL group Sangli and Mr. Girish Chitale, Head of Chitale Dairy, guided participants to start their business. Best CEO, CFO, Broker and team were awarded with prize.

NSS Activity Summary Report			
Sr. No.	Activity/Event	Date	Venue
01	Free Eye check-up camp	7 th April 2015 to 9 th April 2015	Tilak Hall, WCE, Sangli
02	In Campus Blood group database creation	12 th April 2015- 18 th April 2015	WCE, Campus
03	NSS Camp at Shivaji University, Kolhapur (Summer Camp)	20 th April 2015- 26 th April 2015	Shivaji University, Kolhapur
04	NSS state level "AVHAN" camp at SNDT, Mumbai (Disaster properness)	25 th April 2015- 3 rd May 2015	SNDT, Mumbai
05	NSS Camp (Mock Drill Training)	18 th May-25 th May 2015	Shivaji University, Kolhapur
06	NSS Camp	14 th July-20 th July 2015	Shivaji University, Kolhapur
07	Blood Donation Camp (Shirgaonkar and Siddhivinayak Blood Bank)	13 th August 2015	Class Room 19 and 20 WCE, Sangli



Participation in Effi-cycle Competition during 15th to 18th October 2015 at Jalandhar
Won Best Design Award Under Guidance of Prof. A. U. Paranjpe and Dr. K. H. Inamdar



Participation in Effi-Car Competition during 21th to 24th January 2016 at Chandigarh
Won Best Design Award Under Guidance of Prof. A. U. Paranjpe and Dr. K. H. Inamdar



Mali Pranav, Mujawar Swaliya and Themaskar Priyanka from TY Electronics under the supervision of Mrs. M. R. Khare madam through their final year BE project developed an **Intelligent Automobile Security System for Accident Prevention**. The proposed multi-functional monitoring system detects drunken drivers and checks the seat belt. This system also measures the pulse rate of driver and if emergency arises then system communicates information to the relatives using GSM technology. These features prevents accident and help to save life of driver as well as passengers.

VISION

(March 12-13, 2016)



Chief Guest of Vision 2016: Sanjeev Roy, Senior Consultant MHRD, Govt. of India and World Bank; Dr.Chritoph Senft, Director, DAAD Information Center Pune; Mr.Sunil Phulari, Superintendent of Police, Sangli

Annual Social Gathering
(Feb 12-14, 2016)



Chief Guest: AjitKumar Koshti, Comedy Artist

Our Proud Alumni

SN	Alumni	Position
1	Prof. A. V. Patki	Ex Director, ISRO, Bangalore
2	Dr. R. A. Katti	Ex Head, Thermal Systems, ISRO Bangalore
3	Dr. S. D. Awale	Ex-VC, Dr Ambedkar Tech. Univ., Lonere
4	Dr. P. A. Kulkarni	Ex-VC, Sikkim-Manipal Univ., Sikkim
5	Shri. V. S. Prabhu	Vice Chairman, BSES, Mumbai
6	Shri. Adi Engineer	Vice Chairman, Tata Power, Mumbai
7	Shri. Alim Chandani	Chairman, Stup Consultant, Mumbai
8	Shri. Rajas Doshi	CMD, Indian Hume Pipes Ltd., Mumbai
9	Dr. S.G. Joshi	Joshi Technologies Inc, Columbia, USA
10	Shri. M. N. Navale	Founder Trustee, Sinhgad Tech. Ed. Soc.
11	Shri. Vishwas Sapkal	Indian Ambassador to Armenia, High commissioner at Fiji
12	Shri. B. Raheja	Eminent Builder, Mumbai.
13	Deepak Shikarpurkar	President, Computer Society of India
14	Mr. B.V. Aradhya	Ex Director, ISRO Ahmadabad
15	Shri B.R. Lanka	COO, 3dPLM Division



5th WCE Alumni Meet: January 9th, 2016

Bhaskar Sawant, B.E. (Electronics-1991): CMD-Mahadiscom, Jaipur; Hemant Gadgil, B.E. (Mechanical-1982): Head of CoE, 3DPLM Global Services; Vivek Sabnis, BE (Electronics-1991), Head Nandan Nilkeni Foundation, Dipak Abhyankar, B.E. (Electrical-1991), Consultant PPP, Ministry of Finance, GoI; Shriniwas Patil, BE (Civil-1981) President of APS, etc.

4. OUTREACH AND INCLUSIVITY

4.1 FDP/Training Program/Guest Lecture organized and Attended by Faculty and Staff

Workshop Conducted:

SN	Name of Event	Resource Person and Details	Name of Workshop Coordinator	Date of Workshop
1	1- Day workshop on Automated Testing Tools for UG students of CSE	Chetan Naregal, Pune at WCE, Sangli	AR Surve	11.04.2015
2	2-Days Workshop on Recent Trends in Manufacturing Tech.	Dr SS Joshi, Dr Rakesh More, Dr Dinesh Thakur from IIT Bombay and M Aseem Suri from synergy nano Sys. Ltd. Mumbai at WCE, Sangli	Dr UA Dabade & Dr SU Sapkal	17 to 18.04.2015
3	National Level Workshop on Research Methodology	WCE, Sangli	Dr BS Gawali & Dr SU Sapkal	19 to 20.04.2015
4	Workshop on Life Skills for Happy Life Part-III for Non Teaching Staff	Mrs. Tanuja J Kher, Asst.Prof. COEP at WCE, Sangli	Dr DS More & RP Kolape	23 to 25.04.2015
5	Introduction to Design of Algorithm	NMEICT-IIT, Kharagpur at WCE, Sangli	SN Kore	25 to 30.05.2015
6	2-week workshop on Low Power Microcontroller	VR Gaikwad at WCE, Sangli	VR Gaikwad	17.06 to 13.07.2015
7	2-Days Workshop in 2 slots on Developing Positive Attitude towards work and life for non teaching staff members	Saitej Life Training Institute, Nashik at WCE, Sangli	Dr SP Chavan & NV Marathe & SS Kulkarni	29.06 to 02.07.2015
8	Real Time Image Processing	WCE, Sangli at WCE, Sangli	A A Agashe	06.07.2015
9	1-Day Workshop on Casting Design and Simulation	Mr. Arjun Marwah (NIFFT-Ranchi, 3D Foundry Tech.) & Mr Digvijay Velhal /(Mr Sanjay Mali (Gensis Techn.) at WCE, Sangli	Dr. U.A. Dabade	15.07.2015
10	Workshop on System Identification for PG students and Faculty of Electrical and Electronics Dept.	Dr. Sachin Patwardhan, IIT Bombay, Mumbai at WCE, Sangli	NV Patel & Dr SS Deshpande	11 to 12.09.2015
11	1-Day Workshop on Capacitive Touch Sensing	Prashant Devatale, Microchip, Pune at WCE, Sangli	VB Dharmadhikari	12.09.2015
12	1-Day Workshop International Day for the Preservation of the Ozone Layer	WCE, Sangli at WCE, Sangli	Dr BS Gawali	16.09.2015
13	Workshop on CAE driven Product Design	Altair Engineering Pvt. Ltd., Bangalore; 3D PLM Global Services, Pune; Ansys Software Pvt. Ltd., Pune; PTC Software (India) Pvt. Ltd., Pune at WCE, Sangli	Dr MM Khot, Dr SW Wadkar and SS Mane	30 to 31.10.2015
14	One Day Workshop on Software Design & Testing UML Tools with hands on Case Studies for PG/UG students	Mr. Amit Daharwad, Corporate Trainer Pune at WCE, Sangli	AR Surve	31.10.2015
15	Finite element analysis using ANSYS	Dr MM Khot, at WCE, Sangli	Dr MM Khot	18 to 20.11.2015
16	FEAT-2015	Dr MM Khot, at WCE, Sangli	Dr MM Khot	30.11 to 03.12.2015
17	ISTE STTP workshop on "Introduction to Structural Engineering"	Under National Mission on Education through ICT (MHRD) conducted by IIT Kharagpur.	Dr SN Tande	30.11 to 09.01.2016
18	Joint activity organised 2 Week STTP on Modeling and Simulation	Govt. COE, Goa, WCE, Sangli at Govt. COE, Goa	Dr UA Dabade	07 to 18.12.2015
19	1-Day Workshop on Campus to Corporate	Mr. Amir Shikalgar, Organisational Expert, Pune at WCE, Sangli	Dr PG Sonavane	28.01.2016

SN	Name of Event	Resource Person and Details	Name of Workshop Coordinator	Date of Workshop
20	Learn by Doing Approach	Dr.M.M.Khot, WCE, Sangli at WCE, Sangli	Dr MM Khot	01 to 02.02.2016
21	Workshop on Designing and Developing Digital Library Using Open Sources Softwares Dspace and KOHA	WCE, Sangli at WCE, Sangli	Dr SAN Inamdar & SB Agawane/ DB Hankare (Library)	15 to 20.02.2016
22	3-days workshop on "Effective Leadership for Excellence"	Padma Knowledge Engg. Pvt. Ltd, B'lore at WCE, Sangli	SK Parhandekar	29.02 to 02.03.2016
23	Workshop on NAAC preparation	Dr. V.V. Karjinni at WCE, Sangli	Dr GV Parishwad	03.03.2016
24	3-day workshop on PLC and SCADA		Dr MM Waware	03 to 06.03.2016
25	National Level Workshop on Research Methodolgy	Experts from Inst.and Industry at WCE, Sangli	Dr. UA Dabade, Dr. MM Khot, Dr. MS Pawar, Dr SB Wadkar, SS Mane, RP Chumble, Dr.SC Bali	04 to 05.03.2016
26	Workshop on Automation using PLCs	Mr. Surdarshan Mantri, Manager, Educate to Automate, Pune at WCE, Sangli	SS Karvekar	04 to 06.03.2016
27	Workshop on Entrepreneurship for B.Tech and M.Tech Students	MCED, Udyog Bhavan, Sangli at WCE, Sangli	Mrs AA Miraje	10 to 11.03.2016
28	2-Days Workshop on Web Technology for UG Students of CSE	Mr. Sagar Sawant, Asst. Prof., RIT Sakharale at WCE, Sangli	Mrs MA Shah	05 to 06.03.2016
29	2-Day Workshop Solar & Smart Energy Systems	Experts from Inst.and Industry at WCE, Sangli	Dr AP Vaidya	24 to 25.03.2016

Guest Lecture Organized by Faculty:

SN	Topic of Lecture	Resource Person and Details	Name of Coordinator	Date of Lecture
1	HVDC Control for PG Electrical Students	Mr Santosh Kaware, Engineer from MSETCL at WCE, Sangli	Dr MM Waware	08.04.2015
2	Wheel Alignment and balancing for Final year B.Tech. Mechanical Engg. Students	Mr Bipin Shevade, Principal, Shantiniket-an Polytechnic, Sangli at WCE, Sangli	SD Jagtap	08.04.2015
3	Guest Lectures on Gaussin Channels for TY IT students	Prof K Pandyajju from PVPIT, Budhgaon at WCE, Sangli	Mayura Shinde	18.04.2015
4	Random Vibrations	SG Joshi from &at WCE, Sangli	RP Chumble	22.04.2015
5	Interprocess Communication for TY IT students	Miss PD Seth, Govt. College of Karad at WCE, Sangli	AJ Umbarkar	24.04.2015
6	Guest Lecture	Dr YV Joshi, Dr Faruk Kazi & Dr Navdeep M. Singh at WCE, Sangli	SG Tamhankar	15- 16.05.2015
7	Role of Engineers in the Nation Development for all F.Y. B.Tech students	Prof Vijay Nawale from Pune at WCE, Sangli	VB Swami	21.08.2015
8	Recent Trends and Opportunities in HVAC Ind.	Mr Ramesh Parajnpye, Pune at WCE, Sangli	SD Jagtap	26.08.2015
9	Current trends in Power Electronics	Pranav Phatak, Schnieder, Bangalore	VB Dharmadhikari	31.08.2015
10	Guest Lectures and Hands on practical sessions on Cadence EDA tools	Mr. Atul Jadhav at WCE, Sangli	Dr S Subbaraman	31.08 to 04.09.2015
11	UML	Amit Daharwal	A R Surve	01.09.2015
12	Guest lecturer	Mr Arvind Paranjepe at WCE, Sangli	BA Anuse	09.09.2015

SN	Topic of Lecture	Resource Person and Details	Name of Coordinator	Date of Lecture
13	Gesture Detection Technologies	Mr Prashant Devatale Experts from Microchip India at WCE, Sangli	Dr SD Ruikar	12.09.2015
14	Guest Lecture	Sandip Patil, Embedded Explore, Bangalore	VB Dharmadhikari	18.09.2015
15	Guest Lectures and Hands on practical sessions on Xilinx EDA tools using Verilog	Synopsy, Bangalore & Applied Research Lab., Pune at WCE, Sangli	Dr S Subbaraman, SK Parchandekar, RG Mevekari	21 to 22.09.2015
16	Managerial Role and Motivation for Research	Dr Nitin Nayak from Bharati Vidyapeeth Mgmt. Inst. Kolhapur at WCE, Sangli	DG Dhole	22.09.2015
17	PLC and its applications in Mech. Industry	Mr SG Joshi, Lect. In Govt. College of Engg. Karad at WCE, Sangli	AP Patil	14.10.2015
18	Open source software	Mr Gaurav Ashtikar, Python Developer & System administer, RTCamp, Pune at WCE, Sangli	AJ Umbarkar	17 to 18.10.2015
19	Recent Trends & Opprtunities in Atomic/ Nuclear Energy with Applications	Dr PK Vijayan, BARC Mumbai at WCE, Sangli	SD Jagtap	31.10.2015
20	System Verification using Sysytem Verilog	Mr Pushkar Naik, Applied Micro, Pune at WCE, Sangli	RG Mevekari, SK Parchandekar	31.10 to 01.11.2015
21	Computer Graphics using C Programming	Dr AA Miraje, Asso. Prof. PVPIT Budhagaon at WCE, Sangli	Mrs AA Miraje	03 to 05.11.2015
22	Jigs and fixture design and their applications	Dr MY Khire, at WCE, Sangli	JM Dabir	04.11.2015
23	Management Practices in Industry	Mr AT Patil at WCE, Sangli	RG Pujari	05.11.2015
24	Economics Practices	Mr AT Patil at WCE, Sangli	RG Pujari	06.11.2015
25	80386 Memory Management and Segmentation	Mr RD Patil, Asso. Prof. PVPIT, Budhgaon at WCE, Sangli	Ms YL Talekar	06.11.2015
26	Goals for Self -Ambition and Vision - The paradigms of 7&8	Mr Sanjay Bobde Director, Public Sector Consultant at WCE, Sangli	Dr PG. Sonavane	19.01.2016
27	Knowledge about Environment and CO2	Prof Ravi Gudi from IIT Bombay at WCE, Sangli	Dr KS Gumaste	29.01.2016
28	Advances Tool Design	Prof AB Ankulkar, Ex HoD of Mech., WCE, Sangli at WCE, Sangli	Dr MS Pawar	15.02.2016
29	Industrial Drives & Control System	Mr SG Joshi, Pune at WCE, Sangli	Mrs SL Shaikh	04.02.2016
30	Woman Empowerment and Yoga Course	Team from Patanjali; Survarna Patki, PSI, Miraj; Advocate Surekha Kunte at WCE, Sangli	Dr Mrs SS Deshpande	03 to 10.03.2016
31	Synchronization in OS: Linux Perspective UG Students of CSE	Mr Tanaji Patil, HOD CSE in KIT Kolhapur at WCE, Sangli	AR Surve	08.03.2016
32	Expert Sessions for NAAC perparation	Dr Balaveera Reddy at WCE, Sangli	Dr GV Parishwad	10-12.03.2016
33	Discrete Energy Generation	Mr VR Joglekar, Ex. Engineer from Koyana Hydro Project at WCE, Sangli	PB Kulkarni	15.03.2016

Training Program Organized:

SN	Name of Training	Details of Training	Name of Coordinator	Date of Training
1	Training Program	Mr SK Dharmadhikari, Pune at WCE, Sangli	Dr PJ Kulkarni	22.04.2015
2	Training Program	Mr SK Dharmadhikari, Pune at WCE, Sangli	Dr PJ Kulkarni	14.05.2015
3	Construction Project Management Entrepreneurs Resource Plane (ERP) Software	Softtech Engineers Pvt. Ltd. at WCE, Sangli	Dr KS Gumaste & AK Kokane	25-29.05.2015
4	Web Development using PHP & Wordpress CMS	Faculty of Web Developmet Team & Mr Sagar Pawar, Exitosys Tech., Pune at WCE, Sangli	Dr SV Kulkarni/ RS Kulkarni	15.06.2015 to 26.06.2015

SN	Name of Training	Details of Training	Name of Coordinator	Date of Training
5	Hands on Training on Robotics	National Instrumentation, Bangalore; Arav Technologies, Nagpur; Bipin Jirage, Kolhapur at WCE, Sangli	PK Kharat	31.08.2015 to 04.09.2015
6	Cloud Training Program	Vintech Computers, Pune at WCE, Sangli	Dr DBKulkarni	05-08.09.2015
7	IMPULSE 2015 EXCEL The Excellence A University Level Management Event	Student's Organization for Technical Activities at WCE, Sangli	SG Tamhankar	06 to 12.09.2015
8	Training for Non Teaching Staff on Tally Software	Ultimate Inforade Pvt. Ltd., Sangli at WCE, Sangli	Mrs SS Dound & SG Tamhankar	01.10 2015 to 30.11.2015
9	Financial Accounting for Office Staff	Appointment for expert guidance to improve on financial reporting, monitoring and control for college office accounting by M/s. Bipin Vora and asso. at WCE, Sangli	Dr PJ Kulkarni	15.10.2014 to Till Further order 2015-16
10	Campus Training and Aptitude Training Program for all Final Year M.Tech. & 3rd year B.Tech. Students	APT-TECH Solutions, Kolhapur at WCE, Sangli	SB Dhaygude	17-30.12.2015 to & 10.01.2016 to 28.02.2016

Other Activities Organized:

S N	Type of Event	Name of Event	Details of Event	Name of Event Coordinator	Date of Event
1	Meeting	Experts Interaction on RPS Project	Prof SV Ranade, Sangli at WCE, Sangli	Dr PG Sonavane & Dr GR Munavalli	27.04.2015
2	Meeting	Meeting on TEQIP- MIS & Report (Institutional Performance)	Mr SJ Bhosale, SPFU, Mumbai at WCE, Sangli	Dr DS More	16.05.2015
3	Meeting	DAB Meeting of Electronics Dept.	Internal Faculty & External DAB Members at WCE, Sangli	VB Dharmadhikari,	17.07.2015
4	Seminar	Ph.D. Synopsis Presentation	Dr VV Kulkarni at WCE, Sangli	Dr GR Munavalli	17.07.2015
5	Seminar/ Audit	Web Site and Web Based Application Testing	Stickman and Nevagi Cyber Forensic Investigation Services Pvt. Ltd. Pune at WCE, Sangli	Dr DB Kulkarni	01.09 to 31.10.2015
6	Meeting/ visit	Visit/ meeting for Industry Institute Interaction	Mr Sanjay Pendoe at WCE, Sangli	Dr PJ Kulkarni	01.09.2015
7	Seminar	System rsal Verification using System Verilog	WCE, Sangli	Dr S Subbaraman	17 to 18.10.2015
8	Seminar	1-Day Seminar on Bearing Selection and Maintenance	Mr DB Kulkarni, Ex Manager, Kirloskar Electricals, B'lore at WCE, Sangli	Dr SP Chavan, AU Paranjpe, AP Patil	22.01.2016
9	Seminar	1- Day Expert Seminar for Information Security	Prof Atul Kahate, Author, Pune Uni. at WCE, Sangli	Dr SP Sonavane	20.02.2016



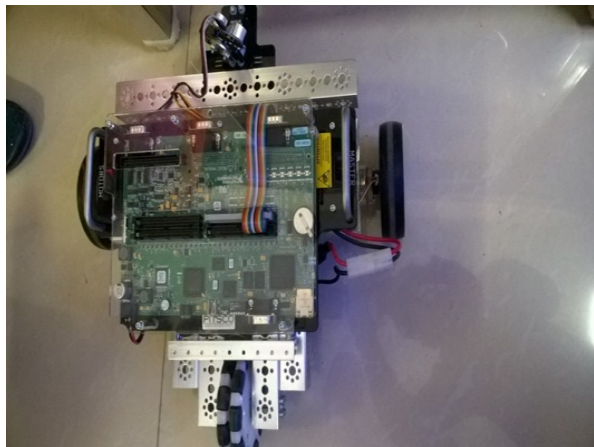
Workshop on Life Skills for Happy Life Part-III for Non Teaching Staff on 23rd to 25th April 2015



One day Workshop on "Casting Design and Simulation" on 15th July 2015



Two week Workshop on Modeling and Simulation at Goa 7th to 18th December 2015



Training Program on Hands on Training on Robotics on 31st Aug to 4th Sept 2015



Three days workshop on "Effective Leadership for Excellence" on 29th February 2016 to 02nd March 2016



Workshop on developing library website using content Management System JOOMLA on 22nd to 26th December 2014

FDPs/Conference/Workshop Attended by Faculty, Staff

SN	Type of Event	Name of Faculty	Title of Event	Place of Event	Starting Date of Event
1	3-Day Workshop	AJ Umbarkar	Nature inspired computing for engg. applications	IISc Bangalore	06 to 08-04-2015
2	3-Day FDP	Dr SS Deshpande, S K Parchandekar	Training on System Verilog	Applied Micro, Pune	10 to 12-04-2015
3	1-Day Conference	Patankar J P	Earthquake –Analysis and design	Dr JJ Madum COE Jaysigpur	13-04-2015
4	2-Day Workshop	Prof U A Dabade, JM Dabir	Recent Trends in Manufacturing Technology	Walchand College of Engineering, Sangli	17 to 18 -04 -2015
5	2-Day FDP	Ramchandra Pandurang Hasabe	Grid Integration of Renewable Energy Sources.	IIT Delhi	18 to 19 -04 -2015
6	2-Day Staff Development	Jamil M. Dabir	Research Methodology	WCE Sangli.	19 to 20 -04 -2015
7	2-Week FDP	Dr SP Sonavane, Dr DB Kulkarni, UB Chavan, MB Narnaware, PK Kharat, AJ Umbarkar, Ms RA Mestri, Ms MB Shinde, EW Kulkarni	Introduction to Design of Algorithms	IITk & WCE Sangli	27-04-2015 to 10-05-2015
8	2-Week FDP	SD Ruikar, VB Girgaonkar, RM Khot	Introduction to Design Algorithm	IIT Kharagpur	27-04-2015 to 10-05-15
9	2-Day Workshop	KV Madhale, BN Jamadar	Research Methodology	WCE Sangli	04-05-2015
10	3-Day Conference	Mr Sudhir Ganpatrao Nikhade	ICSTM-2014	Vel Tech Rangarajan Dr Sagunthala R&D Institute of Sci. & Tech, Chennai	06 to 08 -05 -2015
11	4-Day Staff Development	Manik Kishan Chavan	IUCEE International Engineering Educator Certification Program	Indo-US Collaboration For Engg Education (IUCEE) at BMS COE Bangalore	12 to 16 -05 -2015
12	3-Day Workshop	Dr SS Deshpande Mrs Girgaonkar VB, PA Mane, NV Patel, RM Khot	CEP Course: Teaching Applied Mathematics to Post Graduate Students in Engg	IIT Bombay	13 to 15 -05 -2015
13	1-Day Conference	Dr Rahul Chougule	SAE Fest	WCE, Sangli	15-05-2015
14	One Day Other	Dr KS Wagh	Degree Engg Colleges Inspection Works	DTE – RO Pune	15-05-2015
15	1-Week Workshop	AK Mali	Construction Project Management Entrepreneur's Resource Planning Software	WCE, Sangli	25 to 29 -05 -2015
16	1-Week Other	NV Patel	Adaptive and Decentralized Control	IIT Bombay	25 to 29 -05 -2015
17	1-Week Conference	Medha A.Shah	IPDPS 2016	IEEE, Hyderabad	25 to 29 -05 -2015
18	1-Week Workshop	Nandinee L Mudegol, Mr Vikas N Honmane, Shruti Madan Kshirsagar	Two Week ISTE STTP on Introduction to Design of Algorithms	IT Dept. at WCE, Sangli	25 to 29 -05 -2015
19	4-Day Workshop	SS Bapat , AK Mali	Construction Project management entrepreneur's resource planning (ERP) software	WCE, Sangli	25 to 28 -05 -2015
20	2-Week FDP	Wagh Chandrakant Hanmant	Environmental Studies	IIT, Bombay	02 to 16 -06 -2015

SN	Type of Event	Name of Faculty	Title of Event	Place of Event	Starting Date of Event
22	2-Week FDP	AB Admuthe	Introduction to Structural engineering	WCE Sangli	07 to 21 -06 -2015
23	3-Day Workshop	Rohan P Chumble	Advances in Noise, Vibration & Harshness	PUNE	10 to 12 -06 -2015
24	1-Week Workshop	Vijay P Mohale	Recent Trends in Solar energy Technology	IIT, Delhi	16 to 20 -06 -2015
25	1-Week Faculty Development Program	SS Mane, RP Chumble	Recent Trends in Design, Failure Analysis and Maintenance of Bearings	Dr JJ Magdum COE, Jaysingpur	22 to 26 -06 -2015
26	1-Week Conference	Medha A.Shah	DEBS 2016	ACM, Norway	29 -06-2015 to 4-7-2015
27	1-Week Workshop	Salunkhe Akshay Arvind	Short course in VLSI and FPGA	IIT Kharagpur	12 to 16 -07 -2015
28	1-Day Workshop	Dr Uday A Dabade	Casting Design and Simulation	WCE Sangli	15-07-2015
29	2-Day Workshop	Dr GR Munavalli	Research Symposium	SGGS Nanded	25 to 26 -07 -2015
30	1-Day Workshop	Dr KS Gumaste	workshop on 'Implementation of Revised TE Environmental Engg Syllabus'	Dept. of Environmental Engg., at KIT COE Kolhapur	26-07-2015
31	1-Day Workshop	Dr B S Gawali	Teaching Methodology of T. E Mechanical Engg.	DKTE, Ichalkarnji	31-07-2015
32	2-Day FDP	AP Patil	Microcontroller Basics	Explore Embedded Bangalore	08 to 09 -08 -2015
33	1-Day Workshop	Dr BS Gawali	Financial Management	ISHRAE Kolhapur_ Sangli Sub Chapter	09-08-2015
34	1-Month Faculty Development Program	SD Ruikar	IIRS, Remote sensing Geographical Information system.	Indian Institute of Remote Sensing , ISRO and NNRMS	10-08-2015 to 10-09-2015
35	2-Day Workshop	Salunkhe AA	Short course in Matlab	IIT Kharagpur	13-08-2015
36	1-Day Workshop	KV Madhale, BN Jamadar	How to Publish a technical paper with IEEE	Don Bosco Institute of Technology	18-08-2015
37	2-Day Workshop	Salunkhe AA	Short course in cadence	WCE sangli	20 to 21 -08 -2015
38	1-Day Workshop	RM Chanmanwar, SD Jagtap, SS karvekar, VP Mohale	LaTex	IIT Bombay	29-08-2015
39	1-Week Staff Development	Mrs SP Sonavane, Dr DB Kulkarni, PK Kharat, UB Chavan, MB Narnaware, AJ Umbarkar, Mrs BS Shetty, AP Patil, SS Karvekar	STTP on ROBOTICS	WCE Sangli	31-08-2015
40	2-Day Workshop	Anil R. Surve	Smart Tech, Bangalore	IEEE Bangalore	01 to 02 -09 -2015
41	1-Day FDP	VR Gaikwad	Head Start	TCS,pune	01-09-2015
42	1-Week Workshop	KV Madhale, BN Jamadar	Coordinators workshop on Engg Physics	IIT Bombay	07 to 12 -09 -2015
43	1-Day Workshop	Mrs Sharwari S Solapure	Cloud training	IT Depth, WCE, Sangli	09-09-2015
44	3-Day Workshop	Harshal Kulkarni	'Train the Trainer'	Bharat Forge Ltd, Pune, KCTI	10 to 12 -09 -2015
45	2-Day FDP	YB Mane	System Identification	WCE, Sangli	11 to 12 -09 -2015
46	2-Day Workshop	D S More	System Identification	WCE, Sangli	11 to 12 -09 -2015

SN	Type of Event	Name of Faculty	Title of Event	Place of Event	Starting Date of Event
47	1-Week Other	Mr Sushil S Karvekar, Suhas Dhondiram Jagtap	IUCEE International Engg Educator Program	BMS Bangalore	12 to 17 -09 -2015
48	2-Day Workshop	RP Hasabe	Selected Topics in Flexible Power Transmission & Protection	CPRI Bengaluru	14 to 15 -09 -2015
49	2-Day Conference	Ms RM Khot	Mathematical Sciences 2015	Department of Mathematics and Statistics	15 to 16 -09 -2015
50	1-Day FDP	Pravin A Mane	FDP Spandan at TCS Pune.	Hinjewadi Pune	17-09-2015
51	1-Week FDP	RM Chanmanwar, Vijay P Mohale	Industry Institute partnership	NITTTR Extension center, Pune	21 to 25 -09 -2015
52	2-Day Workshop	Mr SK Parchandekar	Hands on Practical Sessions on Xilinx EDA tools using Verilog	Electronics Dept. WCE, Sangli	21 to 22 -09 -2015
53	2-Day FDP	SD Ruikar	IEEE Smart Tech Metro Area Workshop 2015	IISC Banglore	25 to 26 -09 -2015
54	2-Day Workshop	VB Dharmadhikari	IEEE SmartTech Workshop	IEEE	26 to 27 -09 -2015
55	4-Day Conference	Dr Smriti H Bhandari	Int. Conference on Image Processing, Quebec City, Canada	IEEE Signal Processing Society	27 to 30-09-2015
56	1-Week Workshop	Dr Tande SN	Introduction to Structural Engineering for Co-ord.	IIT Kharagpur	28-09-2015 to 3-10-15
57	1-Week Workshop	SG Tamhankar	Recent Trends in Power Electronics, Drives and Storage Technologies for Engg Application"	VJTI, Mumbai	05 to 09 -10 -2015
58	1-Day Workshop	SK Parchandekar	Maharashtra Right to Public Services Act 2015	Vaniki Training Inst, Kundal, Tal. Palus Dist. Sangli	06-10-2015
59	1-Day Conference	Dr Smriti H Bhandari	Meeting for CSRI proposals	DST, New Delhi at Calangute, Goa	09-10-2015
60	2-Day Workshop	Dr Uday A Dabade	Further Education Leadership Development Program	Jointly organised by AICTE, India and Dudley College, UK	15 to 16 -10 -2015
61	2-Day FDP	Y.B.Mane	System Verification using system Verilog	WCE, Sangli	17 to 18 -10 -2015
62	1-Week FDP	Dr. Sagar U. Sapkal, Mr.S.B.Dhaygude	MDP on Academic Leadership Programme for TEQIP Institutions	IIM Kozhikode	26 to 30 -10 -2015
63	2-Day Workshop	Shirish S Mane, Swami Virbhadra B.	CAE Driven Product Design	WCE,Sangli	30 to 31 -10 -2015
64	2-Day FDP	SU Patil, SR Khedkar, Mrs Meghana R Khare	Workshop on "System Verilog",	Mr. Pushkar Naik, Applied Micro	31-10-2015 to 1-11-15
65	1-Week Workshop	MB Narnaware	Research Methoology	VNIT, Nagpur	02-11-2015
66	1-Day Conference	Dr BS Gawali	RTITE-2015	COE, Pandharpur	06-11-2015
67	2-Week FDP	Pravin A Mane	"Introduction to Structural Engg"	IIT Kharagpur sangli	07 to 21 -11 -2015
68	2-Day FDP	PA Mane	Aakash for Education	WCE Sangli	10-11-2015
69	3-Day Conference	Dr Uday A Dabade	2 nd Int. Manufacturing Engg Conf (iMEC2015) collaborated with 3 rd Asia Pacific Conf on Mfg System APCOM2015	University Malaysia Pahang Kuala Lumpur, Malaysia.	12 to 15 -11 -2015

SN	Type of Event	Name of Faculty	Title of Event	Place of Event	Starting Date of Event
70	2-Day Workshop	Dr PG Sonavane	UNESCO regional workshop on "Ensuring water security in changing environment scenario for water professionals of Cluster Countries."	IIT, Mumbai	26 to 27 -11 -2015
71	2-Week FDP	AP Patil, Dr SU Sapkal, SD Jagtap, Patankar JP, Desai RS, Kadam SB, Gurav SP, Swami VB., Wagh CH, RM Chanmanwar	Introduction to Structural Engineering	Two Week ISTE-STTP Workshop IIT Kharagpur at WCE Sangli	30-11-2015 to 09-01-2016
72	2-Week Workshop	Harshal Kulkarni	TEQIP II sponsored STTP on 'Modelling and Simulation'	GEC, Farmagudi, Ponda, Goa	07 to 18 -12 -2015
73	2-Week FDP	SD Ruikar, VB Girgaonkar, KV Madhale, BN Jamadar	Engineering Physics	IIT-Bombay	08 to 19 -12 -2015
74	1-Week Other	SS Mohite	TEQIP course on GPS and GIS techniques	IIT, Roorkee	08 to 12 -12 -2015
75	3-Day Conference	Dr Uday A Dabade	9 th -An Int. Conf on Precision, Meso, Micro and Nano Engg-COPEN 9	IIT-Bombay	10 to 12 -12 -2015
76	4-Day Conference	S.B.Joshi, P.P.Yadav	18 th Annual Cum 1st Int Conf of Vijnana Parishad of India	MANIT,Bhopal	11 to 14 -12 -2015
77	1-Week FDP	Ramchandra P Hasabe	Make in India: Innovative Product Design.	IIT Delhi	14 to 18 -12 -2015
78	4-Day Conference	Dr BS Gawali	ISHMT-2015	ISRO, Trivandrum	17 to 20 -12 -2015
79	3-Day Conference	Dr VD Salkar	Hydro 2016, International	IIT Roorkee And ISH	17 to 19 -12 -2015
80	1-Week FDP	Wagh Chandrakant H	Advanced Construction Trends	Civil Dept. PVPIT, Budhgaon	21 to 25 -12 -2015
81	2-Week FDP	Amar U Paranjpe	Structural Mechanics	IIT Kharagpur ,WCE	28-12-2015
82	1-Day FDP	Mr. P. B. More	Syllabus setting TE (CSE) Shivaji University Kolhapur	Shivaji University Kolhapur, at TKI, Warna, Kolhapur	01-01-2016
83	1-Day Conference	Manik Kishan Chavan	6 th Int. Conf. on Comp. Science & Information Technology-ICCIT 2015	Technology research, Org. India(TROI), Pune	01-01-2016
84	2-Week Workshop	Mr SK Parchandekar	Educational Technology for Engineering Teachers	IIT Bombay	07 to 21 -01 -2016
85	1-Month Workshop	Desai RS	ET601Tx: Educational Technology for Engineering Teachers	IIT Bombay at WCE Sangli	07-01-2016 to 07-02-2016
86	2-Day Conference	Chandrakant Wagh	2 nd National Conf. on Innovations in Civil Engg	COE, Karad	09 to 10 -01 -2016
87	1-Week FDP	AJ Umbarkar	FDP	TCS, IBM, COE PUNE	18 to 22 -01 -2016
88	1-Day Workshop	Dr PG Sonavane	Goals for self- Ambition & Vision - The paradigms of 7&8"	TEQIP-II WCE, Sangli	19-01-2016
89	3-Day Conference	Dr VD Salkar	48 th IWWA Convention Vashi, N. Mumbai	IWWA Vashi, Mumbai	21 to 23 -01 -2016
90	1-Day Workshop	Dr PG Sonavane	Campus to Corporate	TEQIP-II WCE, Sangli	28-01-2016

SN	Type of Event	Name of Faculty	Title of Event	Place of Event	Starting Date of Event
91	1-Day Conference	Anil R Surve	6 th National Conf on emerging trends in engg	DYP, COET, Kolhapur	30-01-2016
92	2-Week Workshop	J.S.Shete	Advances in VLSI Signal Processing	IIT-KGP	20 to 29-02-2016
93	1-Week Workshop	Vijay P Mohale	Stability, Protection & Power Conversion Concepts for Modern Power grid	IISC, Bangalore	22 to 26 -02-2016
94	2-Day Conference	Dr GR Munavalli, Dr Krishnakedar S Gumaste	Int. conf. on Advances in Infrastructure and development of smart cities	RIT, Sakharale	27 to 28 -02-2016
95	1-Day Conference	Dr VD Salkar	ICACIDS-2K16, (international)	RIT, Sakhrale	28-02-2016
96	3-Day Staff Development	Mrs BS Shetty, VR Gaikwad, AB Admuthe, PK Kharat, UB Chavan, AJ Umbarkar, MB Narnaware, Dr MM Waware, RP Hasabe, Dr SU Sapkal, Mrs MA Shah, SD Jagtap, RM Chanmanwar, SS Karvekar, Dr Rahul Chougule, CB Pol, Mrs VB Girgaonkar, Ms RM Khot, PK Deshpande, AK Mali	Effective leadership for excellence	WCE Sangli	29-02-2016 to 02-0-2016
97	3-Day FDP	Dr Madhukar M Waware	PLC SCADA	WCE Sangli	03 to 05 -03-2016
98	2-Day Workshop	SS Mane, Swami VB., Ambekar R V, Wagh CH	Research Methodology	WCE Sangli	04 to 05 -03-2016
99	1-Day Workshop	Mr SK Parchandekar, Mrs AA Agashe	AICTE Approval Process 2016-17	COE, Pune	06-03-2016
100	2-Day Workshop	Dr SP Sonavne, Mrs AA Miraje, Ms RA Mestri, Mrs YL Talekar, MG Rathi, Sagar Mane, EW Kulkarni,	Entrepreneurship Development	IT DEPT WCE SANGLI	10 to 11 -03-2016
101	3-Day Workshop	Ms RM Khot	Mathematic as a teaching aid	TEQIP IIT Roorkee	10 to 12 -03-2016
102	2-Day Other	SV Bedage, MM Tathode	E-yantra	IIT BOMBAY	18 to 19-03-2016
104	3-Day FDP	Mrs Amrita A Agashe	Medical imaging: techniques and image processing	IIT Delhi	25 to 27 -03-2016
105	1-Day Workshop	Anil R Surve	Virtual Lab, Nodal coordinators meet	IITB at PVG, Pune	26-03-2016
106	1-Day Workshop	AJ Umbarkar, PA Mane, SS Karvekar, BF Momin,	SPANDAN 2016	TCS Pune	31-03-2016

Guest Lecture Delivered by faculty

SN	Name of Faculty	Place of Lecture	Topic of Lecture	Date of Lecture
1	Mrs Seema P Diwan	ADCET, Ashta	Expert Lecture on "Signals and Systems"	16.4.2015 & 29. 4.2015
2	Dr PG Sonavane	Towards the Students of RIT Islampur at WCE SANGLI	Lecture delivered on the topic "Air Quality Monitoring Program in Sangli city"	22-04-2015
3	MS Ali	Civil Department RIT, Islampur	Environmental Impact Assessment in Mining	28-04-2015

SN	Name of Faculty	Place of Lecture	Topic of Lecture	Date of Lecture
4	Dr Uday A Dabade	DBACER (Meghe Group), Nagpur	Concept of Micromachining and research in micromachining at WCE Sangli	30-04-2015
5	Dr SB Joshi	Hokkaido University, Japan	Lecture for PG and researcher of the host University	02-05-2015
6	Dr Uday A Dabade	SVERI College of Engineering, Pandharpur	Micro-turning and micro-EDM	11-05-2015
7	AJ Umbarkar	BATU Lonere	Nature Inspired Computing in Engineering	20-05-2015
8	Dr Khot Maruti M	RIT, Sakharale	Chairperson for National conference NconPG-15	01-06-2015
9	Dr Uday A Dabade	College of Engineering, Pune	Micro-machining and research in micro-turning at WCE Sangli	05-06-2015
10	Ajeet Pandurang Patil	Sharad Institute of Technology, Yadrav	Two Week STTP on Advanced Techniques in Research Methodology	15-06-2015
11	Ajeet P Patil	KLE College of Engineering & Technology, Chikodi	Subject Expert for Faculty Recruitment	17-06-2015
12	Dr Khot Maruti M	WCE, sangli	"Finite element analysis using ANSYS"	16-07-2015
13	Dr Uday A Dabade	TKIT, Warananagar	Research in Mechanical Engineering	30-07-2015
14	Dr BS Gawali	Mechanical Engg Dept, DKTE Ichalkaranji	TY curriculam Delivery	31-07-2015
15	Dr KS Gumaste	SITCOE, Yadrav, Ichalkaranji	Burnt Clay Bricks- Some Practical & Technical Influences in Structural Masonry	31-07-2015
16	Dr BS Gawali	PVPIT Budhgaon, Sangli	TY curriculam Delivery	01-08-2015
17	Mr Sushil S Karvekar	Datta Polytechnic College	Application of Microcontroller For Industrial Project	22-08-2015
18	Dr Anil P Vaidya	Walchand COE (PW), sangli	Static & Microprocessor based Relays	25-08-2015
19	Prasad B. Kulkarni	Sanjay Bhokare COE, sangli	Bio-mass energy generation Renewable energy	03-09-2015
20	Mr Sushil S Karvekar	SBGI Miraj	Microcontroller Applications In Power Electronics	04-09-2015
21	Abhinandan Admuthe	Mech Engg Dept, SIT, Polytechnic, Yadrav	Heat Treatment and Equilibrium Diagrams	07-09-2015
22	Vijay P Mohale	ADCET Ashta	Power flow analysis	08-09-2015
23	Dr Uday A Dabade	Govt. Engg. College Goa	Mathematical Modelling, optimization using GRA and Micromachining	08-09-2015
24	Dr BS Gawali	NKO COE, Solapur	Recent Trends in Cryogenics	09-09-2015
25	GR Munavalli	Civil Engg. Dept. STSKK,s College of Engg., Gadag	SAR filling NBA Criterion 4 and 5	12-09-2015
26	AB Admuthe	SIT, Yadrav	Advances in Non-destructive testing	16-09-2015
27	Dr MM Waware	Vidya Pratisthan's College of Engg, Baramati	Power Quality issues	21-09-2015
28	Rahul Chougule	R & D Center, Sandvik Asia Ltd, Pune	Data Mining from Manufacturing Industry Perspective	23-09-2015
29	Dr BS Gawali	SBGI, Miraj	Personality development	26-09-2015
30	BN Jamadar	Willingdon college Sangli	Linear integrated Circuits and Microelectronics	29-09-2015
31	D S More	Sou Sushila Dhanchand Ghodawat Charitable trusts group of Institutes, Atigre	Electrical Drives and control	01-10-2015
32	Dr BS Gawali	Walchand Institute of Technology, Solapur	Introduction to cryogenics and cryogenic cycles	03-10-2015
33	Dr BS Gawali	BMIT, Solapur	Introduction to cryogenics	03-10-2015
34	Dr PG Sonavane	IIT, Mumbai	Environmental Management of Pharmaceutical Industry "Physico-Chemical Treatment of Pharmaceutical Wastewater	07-10-2015

SN	Name of Faculty	Place of Lecture	Topic of Lecture	Date of Lecture
35	Dr Madhukar M Ware	Vishweshwrya Technical Campus, Patgaon	Power Electronic converters	10-10-2015
36	VR Gaikwad	Rajarambapu Institute of Technology, pune	Embedded System	10-10-2015
37	BN Jamadar	Wilingdon college Sangli	Instrumentation	15-10-2015
38	MS Ali	SIT, Yedraw (Icchalkaranji)	Ethics in Engineering	05-11-2015
39	Dr BS Gawali	College of Engineering, Pandharpur	Recent trends in thermal engineering	06-11-2015
40	Dr PG Sonavane	IIT, Mumbai	“Ensuring water security changing environment scenario for wat professionals of cluster countries” Chaired the Technical session VI (B) w Singh, Director NH Roorkee and Involved in Panel discussions	26-11-2015
41	Gurav S P	DANA, Pune	Fatigue of metal structures	02-12-2015
42	Dr SB Joshi	BND college Kanpur	Geometric function theory and its application	05-12-2015
43	Dr Kadam SB	Dr JJ Magdum COE, Jaysingpur	Repair, Retrofitting and Strengthening of Building	07-12-2015
44	Dr Krishnakedar S Gumaste	Dr JJ Magdum COE, Jaysingpur	‘Cracks in Masonry Walls – Prevention and Repair’	07-12-2015
45	Dr SB Joshi	South Asian University, N.Delhi	Recents tends in Complex Analysis	08-12-2015
46	Dr Uday A Dabade	IIT Bombay, Mumbai	Session Chair at International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 2015)	10-12-2015
47	Dr Sagar U Sapkal	Goa College of Engineering, Goa	Modeling and Simulation	15-12-2015
48	Dr Gurav SP	Mechanical Engg. Dept, W.C.E., Sangli.	Statistical methods in Research Methodology	16-12-2015
49	Dr Anil P Vaidya	SBGI, Miraj-FDP on ‘Developing Competency For Technical Pedagogy’, miraj	Teaching - An ART	18-12-2015
50	Dr Krishnakedar S Gumaste	PVPIT, Budhgaon, Budhgaon	‘Practical and Technical Influences of Burnt Clay Bricks in Masonry Applications’	24-12-2015
51	Dr Krishnakedar S Gumaste	PVPIT, Budhgaon, Budhgaon	‘Earthquake Resistant Masonry Structures’	24-12-2015
52	Dr PG Sonavane	Latthe Polytechnic College, Kupwad, Kupwad	Total Station Surveying”	28-12-2015
53	Dr BS Gawali	SBGI, Miraj	Developing competency for technology Padagogy	31-12-2015
54	Dr P.G.Sonavane	Deptt of Civil Engineering,WCE, SANGLI	Goals for self- Ambition & Vision - The paradigms of 7&8”	19-01-2016
55	Dr Tande S N	Asson. of Architects & Engineers, in collaboration with Disaster Management Cell of District Collector office, Kolhapur	Design of Earthquake Resistant Buildings” for Earthquake Disaster Management Program	22-01-2016
56	Dr PG Sonavane	Deptt of Civil Engineering,WCE, SANGLI	Campus to Corporate”	28-01-2016
57	SD Ruikar	International Institute of Information Technology, pune	STTP on Advances in IOT and Cloud	29-01-2016
58	PK Deshpande	Sanjeevan Engineering and Technology Institute, Panhala	Integrated Land and Water Information System(ILWIS)	02-02-2016
59	Dr Tande SN	Civil Engg Dept of BLDEA’s VP Dr PG Halakatti College of Engg and Technology, Vijayapur, Karnataka.	Seismic Retrofitting of Existing Buildings	10-02-2016
60	Dr Kadam S B	BLDE, Vijayapur (Karnataka)	Advanced construction Techniques	15-02-2016
61	RG Pujari	WCE sangli, sangli	Material handling in industry	18-02-2016

SN	Name of Faculty	Place of Lecture	Topic of Lecture	Date of Lecture
62	Dr DS More	Sou Sushila Dhanchand Ghodawat Charitable trusts group of Institutes, Atigre	Power Electronics and Electrical drives	18-02-2016
63	CB Pol	Bhokare Institute, Miraj	Structural Health Monitoring of Civil engineering Structures	20-02-2016
64	Dr Kadam SB	RIT, Rajaramnagar (Islampur)	Advances in Civil Infrastructure and Developments of Smart Cities	27-02-2016
65	Tande SN	Dept of Mechanical Engg, WCE, Sangli.	Research Methodology	04-03-2016
66	Dr Madhukar M. Waware	DKTE, Ichalkaranji	Multilevel inverters	12-03-2016
67	Dr SB Wadkar	RIT Islampur	Material handling equipment design	12-03-2016
68	Dr SB Joshi	NIT Shrinagar	Planar Harmonic mappings	17-03-2016
69	Arvind K Kale	RIT Sakharale, Islampur	Judge for QUANTUM 2016 – A Project Exhibition of Automobile Department	18-03-2016
70	Dr VD Salkar	Rotract Club, V'bag Sangli	water quality	22-03-2016
71	Dr Uday A Dabade	Bhokare College, Miraj	Yantrostava 2016	27-03-2016
72	Amar U Paranjpe	Adarsha Institute of Technology, Vita	Workshop on Pedagogy	29-03-2016
73	Dr Krishnakedar S Gumaste	Adarsh Institute of Technology & Research Center, Vita.	'Documentation in Research'	29-03-2016

4.2 Admissions (Diversity) Details and Students Exchange of AY 2015-16

In order to exchange the students and Faculty members MOU is signed with different reputed engineering colleges such as College of Engineering, Pune (COEP), IIT, VJTI, & SPCOE, Mumbai, SGGS, Nanded, NIT, Silchar, and DBATU, Lonere. However student exchange process has started with COEP only. Following Third Year students went to COEP for Semester, attended lectures and their exam results are transferred to the Grade Card at WCE, Sangli. However, no students from any of the above colleges have come to any of the colleges to WCE, Sangli till now.

Students went to COE, Pune for One Semester in 2015-16

S.N.	Name of the student	Class/Branch	Period
1	Mr Rushikesh Raosaheb Gaidhani	T.Y.-I.T.	Aug-Dec 2015
2	Mr Kushal Subhash Kale	T.Y.-I.T.	Aug-Dec 2015
3	Ms Pranjali Vinay Paranjape	T.Y.-Electronics	Jan-Jun 2016
4	Ms Aishwarya Anil Kulkarni	T.Y.-Electronics	Jan-Jun 2016
5	Ms Rutuja Deepak Shah	T.Y.-Electronics	Jan-Jun 2016

NRI Admissions

started from this Year. Total 19 Gulf (5% of intake: CSE-4 and other branches-3: Normal FY Fees) and 39 NRI (10% of intake: CSE-9 and other branches-6: Fees: US\$ 5000) seats are sanctioned to WCE, Sangli. Total 6 Gulf and 2 NRI students took admissions at WCE, Sangli in the Academic Year 2015-16.

Following Students have taken Admission at WCE, Sangli through NRI Quota of Seats 2015-16

SN	Student Name	Branch	Fathers Service Details	Seat Type
1	Shubham Vishwanath Patil	Mechanical	Qatar Fertilizer Company, Qatar	Gulf
2	Prajesh Mishrikotkar	C.S.E.	Jubail Energy Services Co., Saudi Arabia	Gulf
3	Pratik Nitin Bendale	Electrical	KEC International Ltd. Tanzania	NRI
4	Shivam Sood	C.S.E.	Sugar Corporation Ltd. Uganda	NRI

SN	Student Name	Branch	Fathers Service Details	Seat Type
5	Nimish Nitin Kulkarni	Mechanical	Blue Island Tourism, Dubai	Gulf
6	Omkar Dilip Shelke	C.S.E.	Canara Steel works LLC, Dubai	Gulf
7	Khan Mohammad Ahmed Habib	Civil	Matar Steel Works, Dubai	Gulf
8	Nalawade Rohan Bhimrao	Mechanical	Larsen & Toubro LLC, Oman	Gulf

4.3 Percentage of Economically and Socially Disadvantaged Students

Number of Students having Economically Backward Concessions in 2015-16

Degree

Branch	FY	SY	TY	Final	Total
Civil	5	11	17	7	40
Mechanical	9	9	14	12	44
Electrical	9	14	9	14	46
Electronics	12	12	11	9	44
Computer	10	20	17	20	67
Info.Tech.	7	17	18	20	62
Total	52	83	86	82	303

Diploma

Branch	FY	SY	TY	Total
Civil	7	6	8	21
Mechanical	15	20	10	45
Electrical	13	23	16	52
Ind. Electronics	6	8	11	25
Total	41	57	45	143

Number of Students from Reservation Categories

Admission Data Category wise and Branch wise : B. Tech. 2015-16

Category	OPEN		OBC		SBC		SC		ST		NT1		NT2		NT3		VJ		Branch Wise TOTAL		TO-TAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Branch	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CIVIL	96	41	40	17	3	2	23	14	11	8	6	3	7	4	5	1	5	3	196	93	289
MECH	111	31	44	17	8	4	20	8	13	4	6	3	5	4	6	1	6	3	219	75	294
ELECT	85	51	33	18	8	2	26	10	14	2	5	2	10	6	2	3	6	3	189	97	286
ELN	72	61	40	23	11	5	18	14	9	7	3	3	6	5	4	1	5	4	168	123	291
CSE	143	87	48	32	5	11	27	18	12	7	5	2	15	7	3	3	6	6	264	173	437
IT	70	66	36	20	6	3	20	14	15	2	3	4	5	8	0	4	6	1	161	122	283
Institute Level	577	337	241	127	41	27	134	78	74	30	28	17	48	34	20	13	34	20	1197	683	1880
	914		368		68		212		104		45		82		33		54		1880		

Admission Data Category wise and Branch wise : M. Tech Year 2015-16

Admission Category	OPEN		OBC		SBC		SC		ST		NT1		NT2		NT3		VJ		Branch Wise TO-TAL		TO-TAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Branch	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CIVIL (ENV)	13	6	5	3	2	1	1	3	0	0	1	0	1	0	0	0	0	0	23	13	36
CIVIL (STR)	25	6	11	2	1	0	6	0	2	0	2	0	1	0	0	0	1	0	49	8	57
MECH (HP)	17	1	10	0	0	0	2	1	0	0	1	0	2	0	0	0	2	0	34	2	36
MECH (PR)	34	3	10	2	0	0	4	0	1	0	0	1	2	1	1	0	1	0	53	7	60
MECH (DSG)	33	3	12	2	0	0	4	0	4	0	0	0	1	0	0	0	1	0	55	5	60
ELECT (PS)	13	3	10	1	0	0	4	1	0	0	1	0	1	0	1	0	1	0	31	5	36
ELECT (CS)	10	4	8	2	0	0	4	2	0	0	0	0	3	1	1	0	1	0	27	9	36
ELN	14	13	7	6	1	0	7	3	2	1	0	0	1	0	1	3	2	0	35	26	61
CSE	14	14	11	4	2	0	5	1	0	1	0	0	4	1	0	0	3	0	39	21	60
CSE (IT)	11	4	7	1	0	0	6	3	0	0	1	0	0	1	2	0	0	0	27	9	36
Institute Level Total	184	57	91	23	6	1	43	14	9	2	6	1	16	4	6	3	12	0	373	105	478
	241		114		7		57		11		7		20		9		12		478		

4.4 Interaction with outside world

SN	Name of Faculty	Place of Visit and Year of Student	Date of Visit
1	Dr. Madhukar M. Ware	Industrial Visit at Suzlan Wind power Generation Ghat-nandre, Tal-Kavathe Mahankal, Sangli for Final Year B.Tech.	04-04-2015
2	S.P.Sonavane	Industrial Visit at Directorate Of Forensic Science Laboratories, Mumbai for M.Tech 1 st Year	10-04-2015
3	Dr. Khot Maruti Mahadeo	Industrial Visit at Visvesvaraya industrial and technological museum, Bangalore, Weigh control system pvt. Ltd. Bangalore, Innovent Engineering Solutions Pvt. Ltd. Bangalore for M.Tech 1 st Year	11-15. 04. 2015
4	Swami Virbhadra B	Industrial Visit at FIAT India Pune for Final Year B.Tech.	11-04-2015
5	Rohan P Chumble	Industrial Visit at PLM Circuits developer, Bangalore for 3 rd Year B.Tech.	14-04-2015
6	G.R.Munavalli	Industrial Visit at Sewage treatment plant Ichalkaranji for 3 rd Year B.Tech.	16-04-2015
7	G.R.Munavalli	Industrial Visit at Rajarambapu SSK, SBR Kolhapur for M.Tech 1 st Year	16-04-2015
8	AU Paranjpe, A P Patil, RM Chanmanwar	Industrial Visit at Ashoka Metal , TATA Motors, Dharwad, TATA Marcopolo, Dharwad for Final Year B.Tech.	21-23 -04-2015
9	Dr Sagar U Sapkal	Industrial Visit at FIAT India Automobiles Ltd., Ranjangaon, Pune for 3 rd Year B.Tech.	23-04-2015
10	Dr. Khot Maruti M	Industrial Visit at FIAT Pune for Final Year B.Tech.	23-04-2015
11	V.B.Dharmadhikari	Industrial Visit at Two Cold Storage units and Digvijay Industries In MIDC, Kupwad for M.Tech 2 nd Year	01-05-2015
12	Rohan P Chumble	Industrial Visit at Indian Hume Pipes Pvt Ltd, Miraj for M.Tech 1 st Year	11-05-2015
13	Rahul Chougule	Industrial Visit at Ghadge Patil Industries Ltd, Kolhapur for Final Year B.Tech.	17-05-2015
14	Dr. Madhukar M. Ware	Industrial Visit at Avadh Textile Mill Silvasa Gujarat for Final Year B.Tech.	20-22-06-2015
15	Dr Sagar U Sapkal	Industrial Visit at Fronius India Pvt. Ltd., Chakan, Pune for Final Year B.Tech.	20-06-2015
16	Suhas DJagtap	Visit to IIT BOMBAY	25-06-2015
17	Dr. Sagar U. Sapkal	Industrial Visit at L&T Electric and Switch Gears Ltd, Ahemadnagar for M.Tech 2 nd Year	30-06-2015
18	Jamil M Dabir	Industrial Visit at Bharat steels, MIDC, Madhavnagar, Sangli for Final Year B.Tech.	27-08-2015
19	Dr. KS Gumaste	Industrial Visit at Ganesh Vandan Apts, Sangli for 2 nd Year B.Tech.	28-08-2015
20	Dr. KS Gumaste	Industrial Visit at WCE campus, Sangli for 2 nd Year B.Tech.	29-08-2015
21	Dr. KS Gumaste	Industrial Visit at Ganesh Vandan Apts, Sangli for 2 nd Year B.Tech.	02-09-2015
22	Shirish S. Mane	Industrial Visit at Chintamani Motors Pvt. Ltd for 3 rd Year B.Tech.	05-09-2015
23	Dr. KS Gumaste	Industrial Visit at Ganesh Vandan Apts, Sangli for 2 nd Year B.Tech.	08-09-2015
24	Dr. KS Gumaste	Industrial Visit at Dr. Purohit, Dhamni Roas, Sangli for 2 nd Year B.Tech.	12-09-2015
25	Jamil M Dabir	Industrial Visit at Wire Formers, MIDC, Kupwad, Sangli, Rajdhani Extrusion, Tade electro-systems, PCE electro- systems, for Final Year B.Tech.	23-09-2015
26	Harshal Kulkarni	Industrial Visit at Sangli Aluminium Extrusion, Sangli for 3 rd Year B.Tech.	09-10-2015
27	Jamil Mohammadajim Dabir	Industrial Visit at Budhle & Budhale, Udhabag MIDC Kolhapur, Mahesh Forge, MIDC, Gokul-Shirgaon Kolhapur, KPT, Jaysingpur, Mahabal Auto Ancilliaries, MIDC, Miraj for Final Year B.Tech.	10 to 14.10.2015
28	Dr. KS Gumaste	Industrial Visit at Kumar Properties, Sangli for 2 nd Year B.Tech.	10-10-2015
29	G.R.Munavalli	Industrial Visit at Water treatment plant Miraj for 3 rd Year B.Tech.	15-10-2015
30	G.R.Munavalli	Industrial Visit at Water Treatment Plant, Miraj for 3 rd Year B.Tech.	15-10-2015
31	Harshal Kulkarni	Industrial Visit at Bharat Steel Industries, Sangli for 1 st Year B.Tech.	16-10-2015
32	Dr Uday A Dabade	Industrial Visit at Bashko Engineering Works and Mahabal Industries Kupwad MIDC Sangli for Final Year B.Tech.	26-10-2015

SN	Name of Faculty	Place of Visit and Year of Student	Date of Visit
33	Dr. KS Gumaste	Industrial Visit at WCE campus, Sangli for 2 nd Year B.Tech.	26-10-2015
34	Amar Uday Paranjpe	Industrial Visit at Auto Wheel Care, Sangli for Final Year B.Tech.	27-10-2015
35	Amar Uday Paranjpe	Industrial Visit at Divisional ST Workshop, Chandanwadi, Miraj for Final Year B.Tech.	28-10-2015
36	Dr Uday A. Dabade	Industrial Visit at Bharat Re-Rolling Steel, Sangli for Final Year B.Tech.	01-11-2015
37	Dr Uday A. Dabade	Industrial Visit at Cummins India and Tata Motors Pune for Final Year B.Tech.	02-11-2015
38	Y.B.Mane	Industrial Visit at Mahavir Automobiles, Jaysigpur for M.Tech 1 st Year	21-01-2016
39	Dr. KS Gumaste	Industrial Visit at Shiv Construction, Sangli for 2 nd Year B.Tech.	23-01-2016
40	M.B. Narnaware, Y.R. Sharma	Industrial Visit at Cranes software Pvt Ltd Bangalore	29-01-2016to 02-02-2016
41	Dr. Sagar U Sapkal	Industrial Visit at 3D PLM, Hinjewadi, Pune	01& 02-02-2016
42	Vikas N. Honmane & Anil	Industrial Visit at YODLEE, Bangalore for 2 nd Year B.Tech.	04-08-02-2016
43	Amar Uday Paranjpe	Industrial Visit at Johndeere technologies Ltd, Sanaswadi for Final Year B.Tech.	18-02-2016
44	Vijay P Mohale	Industrial Visit at 33kV substation Vishrambag sangli for 2 nd Year B.Tech.	22-02-2016
45	Jamil Mohammadajim Dabir	Industrial Visit at Shri Dattatray industries, MIDC, Miraj, Die –Mech, Excellent Engg, & Gear –Tech Ltd., MIDC, Kupwad, Sangli, for Final Year B.Tech. students	02-03-2016
46	Shirish S Mane & Rohan P Chumble	Industrial Visit at Rajarambapu S.S.K Ltd, Karandwadi and Sarvoday Sugar factory, Sangli for M.Tech 1 st Year	15-03-2016
47	Dr PG Sonavane, & SD Nirmale	Industrial Visit at Ramling Hill for 2 nd Year B.Tech.	20-03-2016
48	YB Mane, & JS Shete	Industrial Visit at Nano Pix Technologies Pvt. Ltd and at Linkz Technologies, Hubli for M.Tech 1 st Year	21-03-2016

Students-Internship under TIFAC-RGSTC Grant

WCE is Selected for Technology Information, Forecasting and Assessment Council (TIFAC)-Rajiv Gandhi Science and Technology Commission, (RGSTC) Government of India Grant for students from 2015-16 wherein 30 UG students will get scholarship of Rs. 5000/- pm for Summer-Internship and shortlisted students Rs. 10000/- pm for doing project in Small and Medium Scale Industries. Only two Colleges from Maharashtra WCE, Sangli and Baba Ramdeo College of Engg., Nagpur selected for this funding. Following 30 students were selected from the interested students for this scheme. They successfully carried out their Internship in industries as shown below in June and July and submitted the Project Proposals to the RGSTC.

Details of Industry and Students involved in TIFAC Scheme							
S.N.	Name of the Industries involved in TIFAC Scheme	Title of the Project	No of Students doing Internship	Boys	Girls	Name of the Students	B.Tech. Branch
1	M/S Swan enterprises SMK MIDC area. Mr Satish Wagh 9422616334	Biogas Technology study and production of Biogas Plants, generation devices for waste from Agricultural, Municipal Corp.	4	4	0	Matkar Nitin	Mechanical
						Pandare Rohit	Mechanical
						Wagh Akshay	Mechanical
						Gurle Santosh	Mechanical
2	M/S Shanti Prestressed Products P Ltd, SMK MIDC area. Mr Deepak Shinde 9850001023	Analysis of the concrete blocks supplied for various applications	4	4	0	Gitte Maroti	Civil
						Padoolkar Jaywant	Civil
						Kadam Vaibhav	Civil
						Chopane Rupesh	Civil


























Details of Industry and Students involved in TIFAC Scheme							
S.N.	Name of the Industries involved in TIFAC Scheme	Title of the Project	No of Students doing Internship	Boys	Girls	Name of the Students	B.Tech. Branch
3	M/S Magnewin Capacitors, P Ltd, SMK MIDC area. Mr Vinod Bolaj	Capacitors design and process improvement.	4	4	0	Narwade Shashikant	Electrical
						Adlinge Raviraj	Electrical
						Shelke Dipak	Electrical
						Shinde Rajiv	Electrical
4	M/S Sharada Electricals P Ltd, SMK MIDC area. Mr Abhhijeet Shete 9421126606	Power Quality, Capacitor Transients	4	2	2	Patwardhan Neelam	Electrical
						Parekar Deepali	Electrical
						Morge Navnath	Electrical
						Devkamble Shrikant	Electrical
5	M/S Khare Trans P Ltd, Tasgaon MIDC area. Mr M G Khare 02346-250336	Transformer Design and Testing	3	0	3	Yadav Neha	Electrical
						Shirsawade Bhagyashree	Electrical
						Gaikwad Meera	Electrical
6	M/S Systems and Controls P Ltd, SMK MIDC area. Mr Vinayak Patwardhan 9822325581	Developing Solar Assisted control Systems	4	3	1	Hajare Keshav	Electrical
						Wadkar Vipul	Electrical
						Gore Sonali	Electrical
						Shidhar Kale	Electrical
7	M/S Kulkarni Power tools, P Ltd, Jaisingpur MIDC. Mr Umesh Parasnis 9225838962	Product Deveopment in Power Tools	2	0	2	Shinde Poonam	Electrical
						Waghmare Kshitija	Electrical
8	M/S Chitale Dairy Ltd, Bhivaladi, Sangli Mr Vishwas Chitale 9860191403	Automation of Dairy processes	2	0	2	Khade Arati	Electrical
						Mali Neeta	Electrical
9	M/S Chanakya Net Studies.com Ahmednagar. Mr Uma Shinde 0241-2344399, 9422189392	Improvement of Rural Education through ICT	1	0	1	Shinde Pallavi	Electronics
10	M/S Prasaditi Medical Equipments Ltd, SMK MIDC area. Mr Prasad Kulkarni 8888801102	Developing Equipments for variuos Medical Applications	2	0	2	Porwal Shirya	Electronics
						Walke Ankita	Electronics
Total no of students			30	17	13		

Civil Engg	4	Electrical Engg	19
Mechanical Engg	4	Electronics Engg	3

All the above batches of students prepared proposal for innovative Projects and presented in front of RGSTC-TIFAC selection committee chaired by Dr. Anil Kakodkar. They selected three projects (S.N. 6, 9 & 10 from the above Table) for Phase-II of the project during Jan-Jun 2016. During this period students got the stipend of Rs.10,000/- p.m. These students have successfully completed their projects.

MoU's Signed with Industries and Institutes

In order to increase the interaction with Industries and other renowned Institutes many MoUs were signed by the institute. The details of these MoUs are given below:

 Walchand College of Engineering SANGLI (A Government Aided Autonomous Institute)				 Walchand College of Engineering SANGLI (A Government Aided Autonomous Institute)			
MAJOR MOU SIGNED IN LAST THREE YEARS (WITH INDUSTRIES)				MAJOR MOU SIGNED IN LAST THREE YEARS (WITH INSTITUTES)			
Sr. No.	Industry	Date	Logo	Sr. No.	Industry	Date	Logo
1.	NASSCOM The National Association of Software and Services Companies	Mar-2014		1.	SGGS, Nanded Dr. G. G. Gadgil Institute of Engineering and Technology, Nanded	Jan-2013	
2.	Sakal Social Foundation, Pune	Jun-2014		2.	GCOE, Amaravati Government College of Engineering, Amaravati	July-2013	
3.	SandRiver Technologies Pvt. Ltd., Warje, Pune	July-2014		3.	Agile Developer, USA Dr. Venkat Subramaniam, University of Houston, USA	April-2014	
4.	Tata Technologies Ltd., Pune	July-2014		4.	Goethe Institute, Germany Max Mueller Bhavan, Boat Club Road, Pune	June-2014	
5.	Mentor Graphics, Pune	Dec-2014		5.	COE, Pune College of Engineering, Shivajinagar, Pune	July-2014	
6.	John Deere, (I) Pvt. Ltd, Hadapsar, Pune	Dec-2014		6.	IIT, Mumbai Indian Institute of Technology, Powai, Mumbai	Sept-2014	
7.	Danfoss Industries Pvt. Ltd., Chernal	Mar-2015		7.	DJMIT, Anand Dr. Jivraj Mehta Institute of Technology, Anand, Gujarat	Sept-2014	
8.	TCS Tata Consultancy Services, Pune	Nov-2015		8.	Dr. JJMCOE Dr. J. J. Magdum College of Engineering, Jaysingpur	Nov-2014	
9.	ARE ARE Test Systems, Miraj	Jan-2016		9.	SPCOE, Mumbai Sardar Patel College of Engineering, Andheri (W), Mumbai	Dec-2014	
10.	Omega Consultants Omega Consultants, Kolhapur	Jan-2016		10.	DBATU, Lonere Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad	Dec-2014	
11.	3DPLM Software Solutions Ltd, Pune	Jan-2016		11.	NIT, Silchar National Institute Of Technology Silchar	Dec-2014	
				12.	BVDU, Sangli Bharat Vidyapeeth Deemed University, Medical College & Hospital, Sangli	Jan-2016	

Most of these MOU's with Industries are aimed at increasing interaction with our Institute. Industry People will participate in the BOS to help in curriculum development. A few of these industries such as John Deere, Danfoss, Mentor Graphics have helped in development of Laboratories by donating hardware and software to the Institute, Industry Internship, Live Project, Project competitions for our students, Financial support during various Students events. Instituting Awards for the best performing students such as Best Project Award and Best Student of the Year by TCS. Organizing Students and Faculty Training Programs. Placement for our students, Participation as Judges in Technical Events or in Oral Viva Examinations of the students, etc.



MoU signed between Omega Consultants, Kolhapur and ARE Test Systems, Miraj on 8 January 2016

For example, MOU has been done between Walchand College of Engineering, Sangli and Applied Micro, Pune & Mentor Graphics for SoC /ASIC design, verification training under HEP training program. It will help our students to learn VLSI design, verification and testing, which will help in long run to hire best talent from the college to grow VLSI industry in India.

Mentor Graphics donated 10 Licenses each for 3 years of HEP 1(IC Nanometer Design), HEP 2 (SoC/ASIC Design , Verification & Testing), HEP 5(Cabling & Harness) (Approx. Rs.1.8 lac). The IC Nanometer Design package provides a complete environment for the design, capture, layout and verification of analog, digital and mixed-signal integrated circuits. This package includes all products that incorporate the IC Nanometer Design platform. Design, Verification and Test package provides complete solutions for HDL design, verification, synthesis and test of ASICs and FPG As Capital Harness Systems (CHS) This includes electrical distribution system design, simulation and analysis, design data and change management, engineering and manufacturing analysis and support, enterprise integration (bridges for MCAD, PDM, etc.).

They will also provide training to Faculty members on - Basic Verilog, SV and tools and involve in Student Evaluation and curriculum development by participating in BOS.

UG Internship in the Industry:

Final Year UG students were placed in different Industry for 5 Months. During this period they carried out their Project and Thesis work in the Industry and gave one subject on self study mode. Their progress seminars and final Viva was taken in the Institute.

2015-16 B.Tech. (UG) Internship (January 2016- to- May 2016) Details

SN	Name	Branch	Company	Stipend
1	Ms.Rujuta Sunil Chikurde	IT	Kyazoonga	15000
2	Ms.Nisha Shivaji Chougale	IT	Kyazoonga	15000
3	Ms.Rohini Baban Patil	IT	Kyazoonga	15000
4	Mr.Suraj Bharat Gavade	Comp	Kyazoonga	15000
5	Ms.Harshada Balasaheb Magar	Comp	Infosys	10000
6	Ms.Shivani Babusing Rajput	Comp	Infosys	10000
7	Mr.Nihar Sanjay Kininge	Comp	Infosys	10000
8	Mr.Tushar Anand Kamble	Comp	Infosys	10000
9	Ms.Anjali Jagdish Hajare	Comp	Infosys	10000
10	Ms.Madhuri Pandurang Sajane	Comp	Infosys	10000
11	Mr.Akshay Balasaheb Patil	IT	Infosys	10000
12	Ms.Priyanka Rangarao Bodake	IT	Infosys	10000
13	Ms.Tejaswini Narayan Kubal	IT	Infosys	10000
14	Mr.Prasad Uttam Sankpal	IT	Infosys	10000
15	Mr.Kiran Chandrashekhar Sajjanshetty	IT	Infosys	10000
16	Mr.Datta Rajaram Ikhe	IT	Infosys	10000
17	Mr.Sachin Gulabsing Sable	IT	Infosys	10000
18	Mr.Anvit Sunil Nigavekar	Comp	Infosys	10000
19	Mr.Vaibhav Digambar More	Comp	Infosys	10000
20	Ms.Yogita Kharat	Comp	Infosys	10000
21	Ms.Ragini Sanjay Dahihande	IT	Symantec	25000
22	Mr.Deshpande Muktesh Dhananjay	IT	Symantec	25000
23	Ms.Bhagyashri Ankush Shitole	IT	Symantec	25000
24	Mr.Rishabh Kishor Munde	IT	Symantec	25000
25	Mr.Aditya Anil Doshatti	IT	Symantec	25000
26	Mr.Akshara Shankar Urane	IT	Symantec	25000
27	Mr.Palash Mayaram Tichkule	IT	Symantec	25000

SN	Name	Branch	Company	Stipend
28	Ms.Vidya Balu Dhapate	IT	Symantec	25000
29	Ms.Mayuri Bhanudas Aardad	Comp	Symantec	25000
30	Mr.Siddhesh Ashok Chandrayan	Comp	Symantec	25000
31	Mr.Rohit Bhimrao Jadhav	Comp	Symantec	25000
32	Mr.Shriyog Netaji Ingale	Comp	Symantec	25000
33	Ms.Shikha Sunilkumar Dixit	Comp	Symantec	25000
34	Ms.Anjali Arun Babar	Comp	Symantec	25000
35	Mr.Siddhant Sunil Patil	Comp	Symantec	25000
36	Sandip Shantaram Gatkhal	Comp	Symantec	25000
37	Ms.Pooja Santoshrao Patil	Comp	Symantec	25000
38	Mr.Pravin Bajirao Jagadale	Comp	Symantec	25000
39	Mr.Saurav Pradip Dakre	Comp	Symantec	25000
40	Mr.Nihar Sanjay Kininge	Comp	Symantec	25000
41	Mr.saurabh sushil Dube	Comp	Symantec	25000
42	Ms.Rajnandini Pralhad Ranbhare	Comp	Symantec	25000
43	Mr.Rushikesh Sanjay Dharmadhikari	Comp	Veritas	25000
44	Ms.Pratima Sanjay Gokhale	Comp	Veritas	25000
45	Ms.Shital Haridas Bhandare	Comp	Veritas	25000
46	Mr.Sarang Rajendra Joshi	Comp	Veritas	25000
47	Mr.Shantanu Yogesh Jamble	Comp	Veritas	25000
48	Mr.Suyog Jitendra Jain	Comp	Veritas	25000
49	Mr.Vaibhav Ananda Kumbhar	Comp	Veritas	25000
50	Mr.Ashutosh Dattatray Mangalekar	Comp	Veritas	25000
51	Gaurav Sanjeev Kalele	Comp	Veritas	25000
52	Ms.Prajakta Subhash Desai	Comp	Thought Works	15000
53	Mr.Gopinath Tejerao Langote	Comp	Thought Works	15000
54	Mr.Mahadev Kerappa Vyavahare	Comp	Thought Works	15000
55	Mr.Shilkumar Ravindra Jadhav	Comp	Thought Works	15000
56	Mr.Dhananjay R. Khaparkhantkar	Comp	Thought Works	15000
57	Mr.Swapnil Balaso Gaikwad	Comp	Thought Works	15000
58	Ms.Riya Shankarlal Pahuja	Comp	TCS Digital	10000
59	Ms.Pooja Prashantrao Kale	Comp	TCS Digital	10000
60	Mr.Sachin Gaikwad	Comp	TCS Digital	10000
61	Akshay Shirish Habbu	Comp	PubMatic	15000
62	Ms.Vaishnavi Manish Mande	Comp	PubMatic	15000
63	Rushikesh Sanjay Dharmadhikari	Comp	PubMatic	15000
64	Ms.Anusha Srinivas Bhat	Comp	Josh S/w	15000
65	Ms.Swati Rajendra Jadhav	Comp	Josh S/w	15000
66	Mr.Tushar Prakash Pawar	Comp	EMC	25000
67	Mr.Hemant Mukund Bhingarde	Comp	EMC	25000
68	Mr.Abhishek Sharma	Comp	EMC	25000
69	Ms.Smita Mallinath Birajdar	Comp	Eaton	15000
70	Ms.Sabina A.Rajak Bagwan	Comp	Eaton	15000
71	Mr.Dnyanesh Chandrashekhar Kulkarni	Comp	Eaton	15000
72	Ms.Saloni Suresh Satpute	Comp	Eaton	15000
73	Ms.Yashashree Ranjeet Nalawade	IT	Eaton	15000
74	Mr.Vishal Mande	IT	Eaton	15000
75	Mr.Rohan Rajkumar Kulkarni	Comp	Seagate	20000
76	Mr.Hemant Suarade	Electronics	Seagate	20000
77	Mr.Abhishek Ashtekar	Electronics	Seagate	20000
78	Mr.Shivanand Sonnand	Electronics	Seagate	20000
79	Vitthal Vinayak Sarode	IT	Agrostar	15000

SN	Name	Branch	Company	Stipend
80	Aniket Ravindra Sapate	IT	GS Lab	15000
81	Ms.Varsha Uttam Shinde	IT	GS Lab	15000
82	Mr.Shubham Patil	Comp	GS Lab	15000
83	Ms.Monali shinde	Comp	GS Lab	15000
84	Mr.Vaibhav More	Comp	GS Lab	15000
85	Ms.Pallavi Patil	Comp	GS Lab	15000
86	Mr.Govind Rathi	Comp	GS Lab	15000
87	Mr.Vishal Joshi	Comp	GS Lab	15000
88	Ms.Vidya Jagtap	Comp	GS Lab	15000
89	Ms.Shikha Sunilkumar Dixit	Comp	3DPLM	10000
90	Palash Mayaram Tichkule	IT	3DPLM	10000
91	Ms.Madhuri Patil	Comp	Persistent	10000

Number of Students Placed for Internship 2015-16

SN	Company Name	CSE	Electronics	IT	Total
1	Kyazoonga	1	0	3	4
2	Infosys	9	0	7	16
3	Symantec	14	0	8	22
4	Veritas	9	0	0	9
5	Thought Works	6	0	0	6
6	TCS Digital	3	0	0	3
7	PubMatic	3	0	0	3
8	Josh S/w	2	0	0	2
9	EMC	3	0	0	3
10	Eaton	4	0	2	6
11	Seagate	1	3	0	4
12	Agrostar	1	0	0	1
13	GS Lab	7	0	2	9
14	3DPLM	1	0	1	2
15	Persistent	1	0	0	1
	Total	65	3	23	91

PG Internship in the Industry:

Second Year PG students were placed in different Industry for 10 Months. During this period they carried out their Project and Thesis work in the Industry. Their progress seminars and final Viva was taken in the Institute.

2015-16 B.Tech (UG) Internship (January 2016- to- May 2016) Details

SN	Programme	Student Name	Industries Involved
1	Civil-Structural	Rahul Devanand Bholebhavi	JW Consultants LLP, Pune
2	Civil-Structural	Mimoh Ramesh Gaikwad	Mantri Realty Ltd, Solapur
3	Civil-Structural	Madhuraj Kiran Naik	Jayam Consultants Pvt. Ltd, Chennai
4	Civil-Structural	Bhagyashri Gajanan Joshi	Precision Precast Solutions Pvt. Ltd, Pune
5	Civil-Structural	Chirag Pramod Chaudhari	JW Consultants LLP, Pune
6	Computer Sci. Engg	Ankush Gajanan Pare	SAS-R&D (India) Pvt. Ltd.Pune
7	Computer Sci. Engg	Rohit Tryambakrao Pushpalwar	Seagate Technology HDD (India) Pvt. Ltd., Pune
8	Computer Sci. Engg	Abhishek Gopal Patil	CDAC, Pune
9	Computer Sci. Engg	Devendrasingh U. Rathore	Wipro Ltd, Amravati
10	Computer Sci. Engg	Amruta Mahavir Khot	Seagate Technology HDD (India) Pvt. Ltd., Pune
11	Computer Sci. Engg	Aniket Narendra Kale	Geometric Ltd., Pune
12	Computer Sci. Engg	Apoorva Jagdish Hiremath	Seagate Technology HDD (India) Pvt. Ltd., Pune
13	Computer Sci. Engg	Pooja Sambhaji Powar	Siemens Industry Software (India) Ltd. Pune
14	Computer Sci. Engg	Chhatragun Laxman Shinde	Seagate Technology HDD (India) Pvt. Ltd., Pune
15	Electrical-Power System	Akshya Ramprasad Jaiswal	Siemens Ltd., Kalwa
16	Electrical-Power System	Santosh Rikhabchand Jain	Crompton Greaves Ltd., Aurangabad

SN	Programme	Student Name	Industries Involved
17	Electrical-Power System	Kunal Subhashrao Kharwade	Suzlon Global Services Ltd., Pune
18	Electrical-Power System	Pankaj Anil Sakpal	Siemens Ltd, Navi
19	Electrical-Power System	Tejas Pramod Khare	Crompton Greaves Ltd., Nashik
20	Electrical-Control System	Hiranddas C Haridasan	Gas Turbine Research Establishment, Bangalore
21	Electrical-Control System	Swati Rahul Patil	Gas Turbine Research Establishment, Bangalore
22	Electrical-Control System	Sushil Kashinath Surwase	IIT Bombay
23	Electrical-Control System	Vinayak Mohan Rao	IIT Bombay
24	Electrical-Control System	Gautam Bhikan Dhangar	IIT Bombay
25	Electronics	Shireen Rajahamad Mulla	Seagate Technology HDD (I) Pvt. Ltd, Pune
26	Electronics	Mansi Shrikant Patwardhan	Seagate Technology HDD (I) Pvt. Ltd, Pune
27	Electronics	Jayshree Babasaheb Chaure	Seagate Technology HDD (I) Pvt. Ltd, Pune
28	Electronics	Raosaheb Gangadhar Koli	DRDI, DRDo, Hyderabad
29	Electronics	Bhimrao Sheshrao Jadhao	BARC, Mummbai
30	Electronics	Sahil Adsul	BARC, Mummbai
31	Electronics	Shivleela Gangadhar Wadle	Applied Micro, Pune
32	Electronics	Sareeka Ashok Nagargoje	Seagate Technology HDD (India) Pvt. Ltd, Pune
33	Electronics	Pradnya Kishor Tawale	Siemens Industry Software, Pune
34	Electronics	Poornima Ram Palsodkar	Intel Technology India Pvt. Ltd, Bangalore
35	Electronics	Naik Vishakha Prakash	Geometric Ltd., Pune
36	Electronics	Vikas Krishanaji Salunkhe	Core Technologies, Kolhapur
37	Electronics	Umesh Pundlik Patil	BARC, Mummbai
38	Electronics	Wasim Mansur Beg	Cardiac Design Labs, Bangalore
39	Electronics	Vaibhav Raghunath Katkar	Explore Embedded, Bangalore
40	Electronics	Nitish Pravin Shete	Explore Embedded, Bangalore
41	Information Technology	Vikas Rajendra Jadhav	DRDO, Delhi
42	Information Technology	Pooja Raghunath Pawar	C-DAC, Pune
43	Information Technology	Kaushal Ajit Chavan	DRDO, Delhi
44	Information Technology	Devdatta Devendra Godbole	Clarice Technologies Pvt. Ltd, Pune
45	Information Technology	Dhiraj Prabhakar Patil	C-DAC, Pune
46	Mechanical-Design Engg	Ranjit Rajendra Salunke	ARE Test System., Miraj
47	Mechanical-Design Engg	Vikram Patangrao Sutar	Kirloskar Ebara Pumps Ltd., Pune
48	Mechanical-Design Engg	Sangram Babasaheb Dahe	ARE Test System., Miraj
49	Mechanical-Design Engg	Ashvin Ramchandra Patil	John Deere Pvt. Ltd., Pune
50	Mechanical-Design Engg	Shakti Vishwas Dhende	Kirloskar Ebara Pumps Ltd., Pune
51	Mechanical-Design Engg	Dhiraj Kantarao Jadhav	Thermax Ltd., Pune
52	Mechanical-Design Engg	Uday Gajanan Gaikwad	Geometric Ltd., Pune
53	Mechanical-Design Engg	Sanjay Prakash Dabade	Kirloskar Brothers Ltd., Kirloskarwadi
54	Mechanical-Design Engg	Martand Shivaji Olekar	Kirloskar Brothers Ltd., Kirloskarwadi
55	Mechanical-Design Engg	Pranav Madan Kulkarni	Kirloskar Brothers Ltd., Kirloskarwadi
56	Mechanical-Design Engg	Rohit Tanaji Mohite	Accurate Gauging & Instruments Pvt. Ltd., Pune
57	Mechanical-Design Engg	Kiran Maruti Jadhav	Kirloskar Ebara Pumps Ltd., Pune
58	Mechanical-Design Engg	Swapnil Pandurang Karale	3D PLM Software Solutions Ltd., Pune
59	Mechanical-Design Engg	Rohit Suresh Pawar	ARE Test System., Miraj
60	Mechanical-Design Engg	Jahid Hidayat Mulla	Tata Motors Ltd., Pune
61	Mechanical-Design Engg	Ramsing Krushnat Patil	Tata Motors Ltd., Pune
62	Mechanical-Design Engg	Aniket Deepak Kadam	John Deere Pvt. Ltd., Pune
63	Mechanical-Design Engg	Atmaja Sadanand Kulkarni	Kirloskar Brothers Ltd., Kirloskarwadi
64	Mechanical-Design Engg	Manjunath Maruti Pisotre	Kirloskar Ebara Pumps Ltd., Pune
65	Mechanical-Design Engg	Shoeb Abdulmajid Mujawar	3D PLM Software Solutions Ltd., Pune
66	Mechanical-Heat Power	Bhavana Vijay Lalwani	Thermax Ltd., Pune
67	Mechanical-Heat Power	Ketan Raju Madane	NAtional Chemical Laboratory, Pune
68	Mechanical-Heat Power	Suhas Dinkarrao Ambulgekar	Walchandnagar Industries Ltd., Pune
69	Mechanical-Heat Power	Sagar Ashok Thengil	BARC, Mumbai
70	Mechanical-Heat Power	Ashvinkr Anandrao Sonkamble	BARC, Mumbai
71	Mechanical-Heat Power	Anand Mallinath Dulange	Blue Star Ltd., Thane

SN	Programme	Student Name	Industries Involved
72	Mechanical-Heat Power	Rohan Hemant Oza	John Deere Pvt. Ltd., Pune
73	Mechanical-Heat Power	Harshal Rangnath Khanapure	Thermax Ltd., Pune
74	Mechanical-Heat Power	Shridhar Shesherao Thorat	Walchandnagar Industries Ltd., Pune
75	Mechanical-Heat Power	Ajit Maruti Patil	Thermax Ltd., Pune
76	Mechanical-Heat Power	Nikhil Shrinivas Pise	Thermax Ltd., Pune
77	Mechanical-Production	Surajkr Basagonda Chougule	GE Ltd., Pune
78	Mechanical-Production	Sitaram Tanaji Kharade	Kennanetal Shared Services Pvt. Ltd., Bangalore
79	Mechanical-Production	Abhishek Ashokkumar Joshi	Bharat Forge Ltd., Pune
80	Mechanical-Production	Vishwajeet Vilasrao Jadhav	Mahindra CIE Automotives Ltd., Pune
81	Mechanical-Production	Mangesh Shivaji Gaware	Gabriel India Ltd., Pune
82	Mechanical-Production	Netaji Rajabhau Kadam	Bharat Forge Ltd., Pune
83	Mechanical-Production	Lalit Rajendra Chaudhari	General Motors India Pvt. Ltd., Pune
84	Mechanical-Production	Mallikarjun Lakappa Birajdar	General Motors India Pvt. Ltd., Pune
85	Mechanical-Production	Anandkr Jagdishchandra Pallod	General Motors India Pvt. Ltd., Pune
86	Mechanical-Production	Aditya Shrikant Atkalikar	Mahabal Metals Pvt. Ltd., Miraj
87	Mechanical-Production	Sanket Sharad Patil	General Machine Tools., Ichalkaranji
88	Mechanical-Production	Prasanna Babaso Chougule	IIT, Bombay, Mumbai
89	Mechanical-Production	Tushar Balasaheb Patil	Geometrics Ltd., Pune
90	Mechanical-Production	Suraj Raghunath Babar	IIT, Bombay, Mumbai
91	Mechanical-Production	Shilpa Jagdish Bakhle	Tata Motors Ltd., Pune
92	Mechanical-Production	Sujata Bhalchandra Gosavi	Cummins India Ltd., Pune

Number of Students Placed for Internship 2015-16

SN	Company Name	Civil-Str	Elec-PS	Elec-CS	Eltx	Mech-DE	Mech-HPE	Mech-Prod	CSE	IT	Total
1	JW Consultants, Pune	2									2
2	Mantri Realty, Solapur	1									1
3	Jayam Consultants, Chennai	1									1
4	Precision Precast, Pune	1									1
5	SAS-R&D, Pune								1		1
6	Seagate Technology, Pune				4				4		8
7	CDAC, Pune								1	2	3
8	Wipro Ltd, Amravati								1		1
9	Geometric Ltd., Pune				1	1		1	1		4
10	Siemens Software, Pune				1				1		2
11	Siemens Ltd., Kalwa, Mumbai		2								2
12	Crompton Greaves, Aurangabad		1								1
13	Crompton Greaves, Nashik		1								1
14	Suzlon Global Services, Pune		1								1
15	Gas Turbine Res. Est., Banagalore			2							2
16	IIT Bombay			3				2			5
17	DRDO, Hyderabad				1						1
18	BARC, Mummbai				3		2				5
19	Applied Micro, Pune				1						1
20	Intel Technology, Bangalore				1						1
21	Core Technologies, Kolhapur				1						1
22	Cardiac Design Labs, Bangalore				1						1
23	Explore Embedded, Bangalore				2						2
24	DRDO, Delhi									2	2
25	Clarice Technologies, Pune									1	1
26	ARE Test System., Miraj					3					3
27	Kirloskar Ebara Pumps, Pune					3					3
28	John Deere, Pune					3	1				4
29	Thermax, Pune					1	4				5

SN	Company Name	Civil-Str	Elec-PS	Elec-CS	Eltx	Mech-DE	Mech-HPE	Mech-Prod	CSE	IT	Total
30	KBL, Kirloskarwadi					4					4
31	Accurate Instruments, Pune					1					1
32	3D PLM Software, Pune					2					2
33	Tata Motors, Pune					2		1			3
34	NCL, Pune						1				1
35	Walchandnagar Industries, Pune						2				2
36	Blue Star, Thane						1				1
37	GE Ltd., Pune							1			1
38	Kennanetal Shared Serv, Banglore							1			1
39	Bharat Forge, Pune							2			2
40	Mahindra Automotives, Pune							1			1
41	Gabriel India, Pune							1			1
42	General Motors India, Pune							3			3
43	Mahabal Metals, Miraj							1			1
44	General Machine Tools, Ichalkaranji							1			1
45	Cummins India Ltd., Pune							1			1
		5	5	5	16	20	11	16	9	5	92



Industry-Institute Interaction - Dr. Thomas Engle, Global Manager Technology Innovation Strategy, John Deere, Germany visited WCE on 24th Nov. 2015



Visit to "Vrudha-Sevashram" a Social Activity on 10th February 2016 for distributed fruits and Juicer to senior citizens

4.5 Perception-Peer Rating Reports

[A] NBA Report

NBA Committee visited Walchand College during 15-17th January 2016 for accreditation of five UG Programs: Civil, Mechanical, Electrical, Electronics and IT departments under Tier-I format. The NBA expert committee conducted on-site evaluation of the programmes and submitted the report to NBA. **The NBA approved Five years of Accreditation to Civil Engineering department and Two years of Accreditation for Mechanical, Electrical, Electronics and Information Technology department's w.e.f. 01-07-2016.** We have also applied for accreditation of five PG Programs. The detail summary Report of NBA committee is as follows:

NATIONAL BOARD OF ACCREDITATION

Undergraduate
Engineering Programme

VISIT DOCUMENTS

CHAIRPERSON

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower 4th Floor, Bhisham Pitamah Marg, Pragati Vihar, New Delhi - 110 003

Tel. +91 11 2436 8606, Telefax: +91 11 4369451

www.nbaind.org

CHAIRPERSON EXECUTIVE SUMMARY

Institute Name:—Walchand College of Engineering, Sangli, Maharashtra State

Programmes:

1. B.Tech. Civil Engineering
2. B.Tech. Mechanical Engineering
3. B.Tech. Electrical Engineering
4. B.Tech. Electronics Engineering
5. B.Tech. Information Technology

Visit Dates: 15- 17/02 /2016

1. OVERVIEW

1.1 Visit Information

The visiting team of National Board of Accreditation (NBA) conducted a three day accreditation visit to **Walchand College Of Engineering, Sangli** to evaluate 5 programmes from 15 to 17/02/2016.

During the visit, the visiting team met with Head of the Institution/Dean, Deputy Director/Head of the Departments etc. The briefing on the institution was given by **Director, Prof. G.V.Pariswad** and on programmes were given by the respective Head of the Departments/Programme Coordinators. The respective programme evaluators also visited the various facilities of the programmes. Apart from comprehensive review of documental evidences pertaining to various accreditation criteria, the visiting team also held meetings and interviews with all the stakeholders such as faculty, staff members, alumni, employers, parents and students.

The visiting team of NBA comprised:

VISITING TEAM CHAIRPERSON

Name: Dr. A K. Saxena, Ex. Prof. I.I.T. Roorkee, Contact: 09412024440

Programme Title: **B. Tech. Civil Engineering**

Programme Evaluator 1: Name: Prof. Rajeshkumar Dixit, NITTTR Bhopal,
Tel: 09425163874; E-mail: rkdixit@nitttrbpl.ac.in

Programme Evaluator 2: Name: Prof. Sarvesh Chandra, IIT Kanpur,
Tel: 09450008860; E-mail: sarv@iiitk.ac.in

Programme Title: B. Tech. Mechanical Engineering

Programme Evaluator 1: Name: Prof. D. S. Kumar, Ex. Prof. PEC Candigarh,
Tel: 08800495698; E-mail: dayalskumar@yahoo.co.in

Programme Evaluator 2: Name: Prof. Mohd. Islam., JMI University ND,
Tel: 09213636997; E-mail: mislam@jmi.ac.in

Programme Title: B. Tech. Electrical Engineering

Programme Evaluator 1: Name: Prof. Anuaruddin Anwar, Amu Aligarh,
Tel: 09412876379; E-mail: anwar.amu@gmail.com

Programme Evaluator 2: Name: Prof. Dipendrakumar Zha, G.D. Goenka Uni. Gurgaon,
Tel: 0880463388; E-mail: akman1up@gmail.com

Programme Title: B. Tech. Electronics Engineering

Programme Evaluator 1: Name: Prof. D Seshachalam, BMS College of Engg, Bangalore
Tel: 09900195913; E-mail: dschalam@gmail.com

Programme Evaluator 2: Name: Prof. Parras Mustajab, Amu Aligarh,
Tel: 09410426810; E-mail: p.must57@gmail.com

Programme Title: B. Tech. Information Technology

Programme Evaluator 1: Name: Prof. (Mrs.) V. Santhakumari, DTE, Thiruananthpuram
Tel: 09447890250; E-mail: santhi41@gmail.com

Programme Evaluator 2: Name: Prof. Susanta Chakravarty, IEST, Shivpur,
Tel: 09433503748; E-mail: susanta.ckak@gmail.com

1.2 Previous Accreditation Details

Programme Title	First accredited		Last accredited	
	Number of years /Grade	With effect From	Number of years / Grade	With effect from
B.Tech. (CIVIL)	5	20/05/2003	-	18/05/2007
B.Tech. (ME)	3	-/-	5	-/-
B.Tech. (EE)	3	-/-	5	-/-
B.Tech. (EC)	3	-/-	5	-/-
B.Tech. (IT)	--	--	Not Accredited	--

1.3 Institutional Information

Name of the Institution/University	Walchand College of Engineering, Sangli
Address	Vishrambag, Sangli 416415
Year of Establishment	1947 (New Engineering College)
Name of head of the Institution/Dean	Director:Dr. G.V.Parishwad
Number of Departments/Faculties	06
Number of Undergraduate Programmes	06
Number of Postgraduate Programmes	10
Ph.D Degree Programmes Offering, If Applicable (Yes / No)	Yes
Intake Details: UG/PG/Ph.D	UG: 390 +20% Lateral Entry,PG-240, Ph.D. 65(P.T.)+07(F.T.QIP)
Number Of Teaching Faculty	Regular 80+ Contract 39 = 119
Number Of Supporting Staff	Regular 131 + Contract 68 = 199

<p>Any Special Recognition e.g.: A Prominent public Research Centre, Strong Industry Involvement</p>	<ul style="list-style-type: none"> • Rank No 2 In TEQUIP-I At National Level • Rank 20th among Top 100 Pvt. Engg. Colleges during 2015 of Higher Education Review. • Mechanical Engg & Electronics Engg. Departments Awarded One Patent Each. • Met All 9 Performance Indicators.
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1.4 Summary of Findings

Programme Title 1: B.Tech (Civil Engineering)

Strength:

- The Programme is very well established.
- The infrastructure is good.
- The laboratories are well equipped.
- Largely the faculty is qualified.
- Results are above 95%.
- The quality of admitted students is very good.
- Good budget allocation and its utilisation.
- Good revenue generation through consultancy (90 Lacs in last 3 Yrs.)

Concern:

- There are 03 Hon. Ph.D. Associate Professors.
- 05 Asst. Professors on consolidated salary.

- The understanding of OBE is not adequate.
- Training of supporting staff.
- Two M.Tech. Programmes run but no regular faculty.
- Placement is above 68%
- About 10 Journal & 05 Conference Publications per year during last three years.
- Sponsored Projects of about 20 Lacs/year during last 3 years.

Weakness:

- Mentoring System for students is not effective.
- Research activities are not up to the mark.

Deficiency:

- IPR is not existent.

Programme Title 2: B.Tech. (Mechanical)

Strength

- Preferred choice of students.
- Dedicated Faculty.
- Pass % is above 94.3%
- Placement also is very high about 85%.
- Good number of sponsored projects (118 Lacs during last three years).
- Good publication Research (84 Journal & 76 conference papers during last three years).
- Sponsored project by industry for students. Some of these are quite Innovative.
- Some revenue (28 Lac During last three years) generated through consultancy
- One Patent has been awarded.

Concern:

- Majority of the students are not aware of OBE, mapping & alignments between PO'S & CO'S

- Lack of effective Mechanism for Mentoring. Career guidance and Entrepreneurship
- Laboratories need up gradation.
- Experiments need to be redesigned most of the present experiments are study oriented only.
- 03 Associate Professors on contract.
- 03 Asst. Professors on consolidated salary.
- 03 PG programmes are being run but no regular faculty.

Weakness:

- Slightly weak R&D and Consultancy work.
- Limited interaction with industry & outside world.
- Publications in quality Journals & Conferences Low.
- More Technical Staff needed.
- Course Curriculum and faculty skewed towards Design & Production Process.

Deficiency:

- No IPR and Patent.

Programme Title 3: B.Tech. (Electronics)

Strength:

- Vision. Mission of the Dept. is in line with the Institute.
- PEO'S are helping Vision & Mission.
- Good Infrastructure in the Dept.
- Committed & Dedicated faculties.
- Quality of student intake is good.
- High pass %
- Good placement (80%)
- 53 Lac sponsored projects in last three years.
- One Patent awarded.

- 06 Hon. Ph.D. Associate Professors.
- 05 Asst. Professors on consolidated salary.
- Running one PG Programme with an intake of 30 but no regular faculty.
- STR(Considering regular & qualified faculty) is high (~ 20.4)

Weakness:

- Very weak consultancy.
- Shortage of technical & supporting staff.
- Weak R & D and Publication (~11 Journal & 8 Conference per year)
- Being partly residential, labs not opened after normal working hours.

Concern:

- Curriculum Design needs Industry expert involvement.
- Industry networking is weak.
- More attention is needed on Personality & soft skill Development
- Faculty interaction with outside world is weak.

- Weak faculty interaction with outside world.
- Professional Society Membership Limited.
- Publication Quality not to as per expectation.

Deficiency:

- No IPR since long.
- No ATM in the campus.

Programme Title 4: (B.Tech. Electrical)**Strength:**

- All seats get filled with high ranked students.
- Curriculum is well structured.
- Independent & equipped faculty rooms.
- Adequate number of labs.
- 95% results in IV year
- Vision and Mission well articulated.
- Dedicated and cooperative faculty.

Concern:

- Poor efforts in defining & developing contents beyond syllabus
- Less number of technical staff.
- Limited availability of labs beyond working hours.
- Limited scope for self learning.
- 06 Hon Ph.D. Associate Professors.
- 05 Asst. Professors On consolidated salary.
- Very little consultancy (~1.9.Lac in last three years)
- 11 Journal & 7 Conference per year in last three years.
- Weak sponsored projects fund (~53 lacs in last three years).

- Understanding of PEO's, alignment of PO's with GA's and mapping of PO's & CO's.
- Curriculum improvements not enough.
- 2 M.Tech. Programmes run but no faculty appointed.

Weakness:

- Poor STR (~37.4) considering regular & qualified faculty.
- Poor faculty interaction with outside world.
- Lack of effective mentoring system.
- Cadre ratio not satisfied.
- Inadequate tools & process employed for attainment of PO's
- Process for defining PEO's & PO's outlined but not properly employed.
- All PO's do not reflect career & professional accomplishments of Graduates.

Deficiency:

- No IPR.
- No Entrepreneurship activities.
- No student chapter for professional activities.

Programme Title 5: B.Tech. (Information Technology)**Strength:**

- Success rate is good (97.3%)
- Adequate computing and laboratory facilities available.
- Good faculty rooms with systems/internet etc.
- Good academic infrastructure & facilities.
- Good Teaching /Learning process.
- Quality of project work is appreciated.
- High Placement (~80 %)

Concern

- 08 Assist. Prof. on consolidated salary.
- High STR (32) considering regular/qualified faculty.
- Poor Publication record (07 Journal & 06 conference publications in last three years)
- Very poor funds for R &D (~ Rs. 40,000/- only in last three years.
- Only 3.1 Lacs generated through consultancy during last 3 years.

- API not improved for the past years.
- Industry Experts & Alumni not much involved in PEO's & PO's
- Less consultancy of PEO's with mission.

Weakness:

- Faculty interaction with outside world.
- Less number of supporting staff.
- Less Participation of industry experts in curriculum design.
- Weak R & D and Publication.
- Poor faculty cadre ratio.
- Low utilisation of allocated funds.
- Redefining of PEO's & PO's not evidenced with documentation.

Deficiency:

- No entrepreneurship activities.
- Professional advancement of technical staff.

CHAIRPERSON REPORT

Institute Name: – 1. Walchand College of Engineering, Sangli, Maharashtra State

Visit Dates: 15- 17/02 /2016

For all accreditation criteria, the findings shall be *Y' Compliance, 'C' Concern, 'W*' Weakness and Deficiency. No cells are to be left blank. Justification is required for 'C' Concern, *W' Weakness and *D' Deficiency. Please provide the justification below the table.

Criteria for NBA Evaluation	Comments of Chairperson Based On Programme Evaluators Report				
1: VISION, MISSION AND PROGRAMME EDUCATIONAL OBJECTIVES	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology
The published PEOs should reflect the professional and career accomplishments of graduates and be in line with the mission	All 'Y'	All 'Y'	'C'-Partially accomplished	All 'Y'	'C'-Not fully in line
Administrative system should be in place to monitor the process of attaining PEOs			'C'-Not fully effective		'C'-No effective system
There should be documented process to assess the attainment of PEOs			'C'-Not functional		'C'-Involve external employees
Published PEOs must be achieved through the attainment of POs			'C'-Few tools used		'C'-partially attended
There must be a documented and effective process for the periodic review and revision of these PEOs			'C'-Not review yet		'C'-more efforts required
2: PROGRAMME OUTCOMES	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology
There must be a documented process in place to measure the attainment of defined PCs	All 'Y'	'Y'	'C'-Process not employed	All 'Y'	'C'- More efforts to be made for improvements
The defined COs must contribute to the attainment of PCs		'C'-No proper mapping	All 'Y'		
Attainment of defined PCs with respect to the Graduate Attributes (OAs) of NBA		All 'Y'			
1. Engineering Knowledge					
2. Problem Analysis					
3. Design/development of solutions	'C'-Not much is done beyond syllabus	All 'Y'	All 'Y'		
Conduct investigations of complex problems					
5. Modern tool usage	All 'Y'	All 'Y'	All 'Y'	'C'-weak society activities	All 'Y'
6. The engineer and society					
7. Environment and sustainability					
8. Ethics					
9. Individual and team work	'C'- Weak Skills	'C'- Weak	'C'- Weak Skills	'C'-weak skills	'C'-Weak skills
10. Communication					
11. Project management and finance	All 'Y'	'C'-Lacking Self learning		'C'- more resources are to be managed	'C'- Weak management and finance

Criteria for NBA Evaluation	Comments of Chairperson Based On Programme Evaluators Report					
2: PROGRAMME OUTCOMES	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology	
12. Life-long learning	All 'Y'	'C'- Weak	'C'- Weak Skills	All 'Y'	'C'- not much evident	
		'C'-Lacking Self learning				
Appropriate content delivery and assessment methods/tools should be employed in attainment of POs		All 'Y'	'C'- Few tools used		All 'Y'	'C'- partially employed
Curricular delivery and assessment methods should be amended based on the attainment of POs			All 'Y'			'C'- not much amendment
Each PC must contribute significantly to achieve at least one of the PEOs						
There must be a documented and effective process for the periodic review and revisions of these PCs			'C'- No review	'C'- not much documentations		
Criterion-3: PROGRAMME CURRICULUM	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology	
The structured curriculum must address programme specific criteria	All 'Y'	'Y'	All 'Y'	'C'-Not fully	'C'- only partially	
Components of the curriculum must sufficiently address these defined POs/COs		'C'- only few found in design & production		'Y'	'C'- some of these are not met	
Outcomes of the core engineering courses must help the graduate to acquire the professional competence, Knowledge and skills.		All 'Y'			'C'-skills are lacking	'C'- skills are lacking
The process must have the feature of justifying the requirements for improvement in courses, curriculum, content delivery and assessment methods					'C'-Not identified	'C'- not much seen
The programme must have the participation/ involvement of relevant industries in content delivery and curriculum design.				'C'-Weak involvement of industry experts	'C'-weak involvement	'C'-more involvement required
Criterion-4: STUDENT PERFORMANCE	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology	
Success rate, Academic performance, Placement and Higher Studies and Professional activities which include Entrepreneurship initiative, product design, innovations etc., must be in consistent with attained PCs and PEOs.	'Y' except entrepreneurship & innovations					

Criteria for NBA Evaluation	Comments of Chairperson Based On Programme Evaluators Report				
Criterion-5: FACULTY CONTRIBUTIONS	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology
Faculty strength, qualification, cadre and competencies must help the graduates to attain the defined COs and PCs	'C': STR is 16.00;Qualifications& Asso. Prof.s to be PhD; Cadre Ration not satisfied with regular faculty	'C': Faculty strength, Qualifications & Cadre Ration not as per NBA norms	'C': Low faculty strength & high STR (37.5); considering NBA requirements; Cadre Ration not satisfied	'C': High STR (20.4) considering regular faculties and Qualifications; Cadre Ration not satisfied; Research Activities & Consultancies are weak	'C'- High STR (32) considering regular faculty and NBA qualifications; Cadre Ration not satisfied; very poor R & D & Publications record.
Research activities of faculty including consultancy and knowledge transfer must contribute for better content delivery and project work towards the attainment of Cos and PCs	Research Activities are weak	'Y'	Lower R & D Activities		
Criterion-6: FACILITIES AND TECHNICAL SUPPORT	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology
Facilities provided to faculty and students including teaching aids, lecture halls, faculty rooms, engineering laboratories, equipment etc. and competent technical staff must be helpful to enhance and innovate the teaching – learning process towards the attainment of PCs	All 'Y'				
Criterion-7: ACADEMIC SUPPORT AND TEACHING AND LEARNING PROCESS	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology
Academic support units such as basic science / engineering laboratories, language laboratory, etc., must fulfil the prerequisite of core and optional engineering courses	'C'- Large group size in basic science labs.	'Y'- except Large group size in basic science labs.			
Teaching learning process including tutorial classes, mentoring system, feedback analysis, scope for self learning, career guidance etc., must be functionally in place to impart knowledge and inculcate skills and attitudes in relation to basic science, mathematics and engineering.	'Y' – Except weak in mentoring system	'C' – Not much motivation for self learning, counselling & career guidance	'C' – Weak mentoring system, self learning initiatives		
Criterion-8: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology
Campus Infrastructure and other related facilities as library, internet, safety equipment's, counselling and emergency medical care facilities must satisfy the requirements of the programme	'C'- Hostel rooms are crowded, medical care & Counselling Weak		'Y' – except crowded hostels, counselling & medical care		
Budget allocated and utilized must be adequate to run the programme and audited statements must be made available for stakeholders	'Y'				

Criteria for NBA Evaluation	Comments of Chairperson Based On Programme Evaluators Report				
Criterion-8: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology
Governing body, functional administrative structure, policies and procedures, decentralization of power, delegation of financial power, grievance redressal Mechanism etc., must satisfy the requirements /norms of concerned regulatory authorities and helpful to progress towards vision.	‘Y’				
Criterion-9: CONTINUOUS IMPROVEMENT	Civil Engg	Mechanical Engg	Electrical Engg	Electronics Engg	Information Technology
Improvements/attainments in SI, API, STR, FQI, FRF etc., must be appreciable	‘C’- STR, & FQI, need improvement	‘C’- STR is 16.00, FQI is also weak, last accreditation deficiencies/ concerns have not been properly addressed	‘C’- High STR (37.5), FQI to be improvement & marginal improvement over last accreditation deficiencies/ weaknesses	‘C’- STR is high (20.4), & FQI, is weak	‘C’- STR is high (32.1), FQI to be improved, limited improvement seen over last few years.
Efforts made by the faculty towards continuing education, new facility created and overcoming the shortcomings listed during the last accreditation/since the inception of the Programme must be evident	‘Y’			‘Y’	

[B] NAAC Report

A committee of National Assessment and Accreditation Council (NAAC) of UGC had visited college from 17-19th March 2016. Walchand College of Engineering at Sangli has received ‘A’ grade for five years in the accreditation with **3.25 score** out of 4. The detail Report is as follows:

Peer Team Report[1st Cycle]
on
Institutional Accreditation
of
Walchand College of Engineering, Sangli – 416415
Maharashtra

SUBMITTED TO
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O.Box No. 1075, Nagarbhavi, Bengaluru - 560 072

Profile of the College	
Name of the College	Walchand College of Engineering, Sangli Place : Sangli State: Maharashtra
Date of Visit	17, 18 & 19th March 2016
Affiliating University	Shivaji University, Kolhapur
Status of the College	Autonomous
Financial Category	Grant-in-aid
Type of College	Co-Education
No. of Departments	Engineering Total - 6
No. of Programmes	UG-6, PG-10, Ph.D-5 Total – 21
Year of Establishment	1947

Profile of the College			
UGC recognition	Under 2(f) and 12 B : Yes		
Location of the College	Urban		
Location of the College	Urban		
Area of the Campus (in acres)	90.5 acres		
No. of Teachers	Men	Women	Total
Permanent	68	11	79
Temporary	42	18	60
Total No. of Teachers Ph.D.	37	05	42
Total No. of Teachers M.Phil	--	--	--
Total No. of Teachers P.G	70	25	95
Total No. of Teachers B.E./B.Tech	1	1	2
No. of Non-teaching staff	Men	Women	Tota
Technical Staff	63	2	65
Administrative Staff	40	5	45
No. of Students			
UG	1197	683	1880
PG	373	105	478
Ph.D	57	14	71

PEER TEAM REPORT

Section 1: General Information	
1.1 Name & Address of the Institution:	Walchand College of Engineering, Vishrambag, Sangli, Maharashtra- 416415
1.2 Year of Establishment:	1947
1.3 Current Academic Activities at the Institution (Numbers):	
• Faculties/ Schools:	Engineering
• Departments:	06
• Programmes:	6 (UG)+10 (PG)+5 (Ph.D.) = 21
• Permanent Faculty Members:	79
• Permanent Support Staff:	110
• Students:	1880 (UG)+478 (PG)+71 (Ph.D.) = 2429
1.4 Three major features in the institutional context (As perceived by the Peer Team):	Urban located co-education, TEQIP supported autonomous institution, affiliated to Shivaji University, Kolhapur, Govt. aided college offering 6 UG, 10 PG and Ph.D. programmes, OIP centre for Ph.D. programme.

Section II: CRITERION WISE ANALYSIS **Observations (Strengths and/or Weaknesses) on Key-Aspects****2.1 Curricular Aspects:****2.1.1 Curricular Planning and Implementation:**

- College involves academic and industrial experts in developing outcome based curricula
- Curricula are designed in line with UGC, AICTE and University guidelines
- Academic programmes are in line with institutional vision and mission
- Constitution of India' and 'Professional Ethics' need to be introduced as per GOI directions

2.1.2 Academic Flexibility:

- Flexibility exists in the form of professional electives and open electives
- Options are available to students for undergoing enrichment courses
- CBCS with wide range of courses in humanities/Liberal Arts to be implemented

2.1.3 Curriculum Enrichment:

- Curricular reforms and enrichment are regularly done
- More value added courses are to be offered to increase employability
- Increased use of open courseware needed

2.1.4 Feedback System:

- Feedback is obtained through Learning Management System (LMS)
- Graduates Exit feedback is taken on Curriculum, Programme outcome, etc.
- Feedback from alumni, academic peers and industry experts are obtained and analysed

2.2 Teaching-Learning & Evaluation:**2.2.1 Student Enrolment and Profile:**

- Admission procedure is as per Govt. of Maharashtra State norms
- Statutory reservation policies are followed to admit students from SC/ST/OBC, etc.
- All seats are filled up (100% admission)

2.2.2 Catering to Student Diversity;

- Students from different socio-economic strata including women are admitted
- Student mentoring system is to be put in place
- Fast learners are to be identified and given challenging assignments

2.2.3 Teaching-Learning Process:

- Course plan developed and uploaded in 'Moodle' for every subject
- Use of NPTEL resources and participation in NMICT activities is in vogue; every class room is fitted with LCD projector
- Project based learning, Group discussions, role play, etc. are also adopted

2.2.4 Teacher Quality:

- Almost all Faculty members are PG qualified and 30% hold Ph. D. degree
- Faculty members participate in training programmes, workshops and FDPs regularly
- More than 40% temporary faculty is a matter of concern
- Sufficient faculty strength needs to be ensured in Basic Sciences and English

2.2.5 Evaluation Process and Reforms:

- Well defined system of Continuous Assessment and End Semester Examination is in place
- Evaluated answer scripts are shown to students to redress grievances
- Need to use Barcode, OMR scanning, etc. to ensure transparency

2.2.6 Student Performance and Learning Outcomes;

- Mechanisms to ensure Programme Objectives based on Graduate attributes are in place
- Institute strives to achieve the defined learning outcomes
- Pass percentage of both UG and Students is above 85% in all subjects

2.3 Research, Consultancy & Extension:**2.3.1 Promotion of Research:**

- Recognized as a Minor Research Centre for Ph.D. programmes under QIP
- International Conferences need to be organized to invite eminent scientists and promote research culture
- More Full-time Research scholars are to be enrolled

2.3.2 Resource Mobilization for Research:

- Faculty members have availed Seed money for research and Travel grant to attend Conferences held in India and abroad
- Few external funded minor research projects are going on and a few were completed
- Extra mural funding from other funding agencies like DST, DRDO, DIT, etc. needs to be explored

2.3.3 Research Facilities:

- Access to e- resources facilitated through LAN and Wi-Fi
- Research facilities are available in a few laboratories
- Facilities to carry out research in interdisciplinary areas need to be further strengthened

2.3.4 Research Publications and Awards :

- Journal publications by limited number of faculty members are available
- 11 Patents filed and 2 patents were awarded
- Research publications in reputed 'SCOPUS' indexed and 'SCI' journals needs improvement
- Research journal may be published by the college to promote research publications

2.3.5 Consultancy:

- Revenue is generated through consultancy & testing services by a few departments
- Faculty members are encouraged to offer consultancy services
- Official policy for consultancy charges and sharing of revenue exists

2.3.6 Extension Activities and Institutional Social Responsibility:

- NSS & Retract club are functional and Blood donation camps and Health awareness programmes are regularly organized
- Student clubs organize computer literacy programmes to school children
- Technical services for society in Water, Waste water, Noise & Air monitoring are provided at reasonable cost

2.3.7 Collaborations

- Specialized laboratories were established through collaboration with industry
- Collaboration with IIT Bombay for Virtual labs is being effectively used
- Linkages with foreign universities need to be established for faculty and student exchange programmes

2.4 Infrastructure and Learning Resources:**2.4.1 Physical Facilities:**

- Institution has adequate facilities for teaching learning process and facilities provided to physically challenged persons
- Adequate Space for class rooms and labs need to be created
- Amenities like Bank, ATM, Clinic with bed & pharmacy, etc. to be established

2.4.2 Library as a Learning Resource:

- Library has 1,03,568 volumes with 41,966 titles along with 20,410 e- journals and 2253 e-books
- OPAC & DELNET facilities and adequate number of books are available
- Access to e-resources provided through digital library and Wi-fi
- Utilization of library for learning and research activities is good and reading rooms are made available 24X7 (for boys) and till 11pm (for girls)

2.4.3 IT Infrastructure

- Adequate computing facility & Internet connectivity with cyberom security
- Systems and Software are upgraded periodically
- Campus needs to be fully Wi-fi enabled

2.4.4 Maintenance of Campus Facilities:

- In-house maintenance of Lab facilities and computers available
- Campus maintenance needs improvement
- Green campus need to be developed and Maintained

2.5 Student Support and Progression:**2.5.1 Student Mentoring and Support:**

- T&P cell provides career guidance, soft skills training and Campus placement is good
- Alumni involvement in BoS and other contributions are commendable
- Coaching classes for competitive exams such as GATE/IES/IAS/CAT, etc. are needed

2.5.2 Student Progression:

- Good pass percentage in university examinations and majority of students goes for placement
- Progression to higher studies is around 8 % and it needs to be enhanced
- More students need to be motivated to appear for competitive examinations like GRE, ToEFL, GMAT, etc.

2.5.3 Student Participation and Activities:

- Participation in sports and extra – curricular activities is satisfactory
- Student participation in technical competitions is commendable
- Students' feedback is to be taken seriously and corrective measures have to be taken

2.6 Governance, Leadership and Management:**2.6.1 Institutional Vision and Leadership:**

- Vision and Mission of the institution are very clear and widely publicized
- Vision to produce capable graduates is seen in every activity
- Committed leadership is provided at different Levels

2.6.2 Strategy Development and Deployment

- Professional approach exists and is evident through transparent and collective decision making
- Focused attention is needed in developing strategies to enhance research activities
- A Development plan for the next 10 years and the strategies to achieve the goals are needed

2.6.3 Faculty Empowerment Strategies:

- Faculty members are encouraged to pursue Ph. D. and academic training programs regularly
- Staff welfare schemes need to be further strengthened

2.6.4 Financial Management and Resource Mobilization:

- Finance committee manages the budget
- Institution's accounts are audited annually by both internal & external auditors
- Resource mobilization is through Grants from Govt., tuition fees and TEQIP• Alumni's help to be explored for institutional development

2.6.5 Internal Quality Assurance System |

- Academic audits are performed
- IQAC with external members is recently formed but needs activation as per NAAC norms
- Administrative and academic activities are carried out by respective councils

2.7 Innovations and Best Practices:**2.7.1 Environment Consciousness:**

- Solar lights and Solar water heaters are deployed
- Pollution - free environment exists & Rainwater harvesting and waste water treatment plant are in place in Civil
- Engineering department and to be extended to the entire campus
- Waste segregation at source is needed

2.7.2 Innovations:

- E- learning 'Vision* software accessible through intra-net
- In-house software for Examination system developed
- Innovation club for idea generation may be Established

2.7.3 Best Practices:

- Some of the labs are open 24 X 7
- Implementation of Relative Grading

Section III: OVERALL ANALYSIS Observations (Please limit to five major ones for each and use telegraphic language)**3.1 Institutional Strengths:**

- 69 years old Institution having its alumni in coveted positions
- OIP centre for PG and Ph.D. programmes exists
- Meritorious students get admitted every year
- Good campus placement record
- TEQIP supported Institution

3.2 Institutional Weaknesses:

- All the sanctioned faculty positions are not filled
- Lack of permanent faculty
- Shortage of skilled supporting staff
- Old buildings & furniture
- Geographical location and lack of major industries nearby

3.3 Institutional Opportunities:

- Potential for collaboration with renowned Indian and foreign universities
- Alumni support for institutional development
- Increase in demand for consultancy due to 'Start-up India'
- To carry out Interdisciplinary research in cutting edge technologies
- To establish Centres of Excellence in select areas of expertise

3.4 Institutional Challenges:

- Not many big industries in and around Sangli
- PG programmes are not aided by the Govt.
- Recruiting qualified senior faculty & their retention
- Attracting renowned visiting faculty from within India and abroad
- Gender equity in teaching & non-teaching staff

Section IV: Recommendations for Quality Enhancement of the Institution (Please limit to ten major ones and use telegraphic language)

- Construction of new buildings to provide adequate space for class rooms and laboratories with Modern furniture
- State of the art research facilities need to be created
- Setting up of Technology Business Incubator
- Appointment of qualified Faculty in all disciplines as per AICTE norms on permanent basis
- Industry-Institute Interaction may be strengthened as a part of Teaching - Learning and R&D Strategy
- Increased use of open courseware of NPTEL, MIT, etc. may be encouraged in Teaching -Learning process

- Successful entrepreneurs can be invited to interact with students to promote focused entrepreneurial projects
- Student & faculty exchange and collaborative research programs with renowned Indian & foreign universities and institutions needed
- Alumni support to be explored for the development of the Institution and an exclusive alumni web portal to be created
- Multi-skills training to the non-teaching staff needs to be provided
- Rain water harvesting, waste water treatment and waste treatment which are in existence in Civil Engineering department to be extended to the entire campus
- Transportation facility to be provided to physically challenged students within the campus
- Sufficient sports facility to be created and full time Sports Director to be appointed

I agree with the Observations of the Peer Team as mentioned in this report.

Signature of the Head of the Institution

Name and Designation		Signature with date
Prof. B. Hanumaiah [Former Vice-Chancellor Mangalore University & Babasaheb Bhimrao Ambedkar University, Lucknow] Bengaluru, Karnataka	Chairman	
Prof. S. Pugazhenti Dean, School of Mechanical Engineering, SASTRA University, Thanjavur, Tamil Nadu	Member coordinator	
Prof. H. C. Nagaraj Principal, NITTE Meenakshi Institute of Technology Bengaluru, Karnataka	Member	



January 15-17, 2016: Visit of NBA Committee for Accreditation of 5 UG Programs



NAAC Peer Team Visit: Prof. B. Hanumaiah, Former VC, Magalore Uni. (Chairman), Karnataka; Prof. S. Puganzhenti, Prof. & Dean, Mechanical Engg, Sastra Uni., Tirumalaisamudram, TN; Dr. H.C. Nagaraj, Principal, NITTE Meenakshi Institute of Tech., Bangalore, Karnataka; March 17-19, 2016;

5. TEQIP II PROGRESS AND REPORT FOR 2015-16

5.1 Status of TEQIP-II Up-to March 2015

- Applications for accreditation together with fees for 5 PG Programs (Civil-Structural, Mechanical- Design, Electrical-Control, Electronics, and CSE (IT)) were submitted to NBA in August 2015.
- Dr.G.V.Parishwad, Dr.D.S.More & Dr.K.S.Gumaste attended “TEQIP-II State Level Review Meeting of Western Region Project Institutes” on 17th October 2015 at Department of Technology, SUK. Dr.S.K.Mahajan presided over the meeting.
- Statutory Financial Audit of TEQIP-II at WCE was carried out on 19th October 2015 by TEQIP appointed auditors. No adverse remarks.
- Prof SJ Bhosale from SPFU visited WCE Sangli on 20th Dec 2015 and verified MIS details from 2010-11 to 2014-15 and cleared all his queries. At present MIS data uploading of the year 2015-16 is in progress.
- Dr Dinesh Sharma (TEQIP Mentor) had mentorship meeting with TEQIP Officials of the college through video conferencing on 23rd Dec 2015. He expressed satisfaction on TEQIP activities at the college.
- Performance Auditor Dr K Balaveera Reddy and Data Auditor Dr PB Daigavane visited WCE, Sangli during February 22-24, 2016 and carried out TEQIP-Performance and Data Audit.
- TEQIP fund Utilization is Rs. 10.71 Crores (85.68%) out of Rs. 12.50 Cr. received till 31st Mar 2016. Rs. 5.00 Cr. More have been sanctioned by NPIU looking at the performance of WCE, Sangli. TEQIP-III is expected to start from January 2017 in which funding of Rs.12.5 Crore will be given to improve research infrastructure.


Present Status of TEQIP-II at WCE Sangli







TEQIP-II: Expenditure Break-up		Till end-Apr 2016		
		Rs. Lakh		%
S.N.	Expenditure Head	Allocation	Expend.	Expend.
1	Procurement	562.50	568.84	101.13
2	Student Assistantships	250.00	163.36	65.34
3	Research and Development	62.50	29.86	47.78
4	Faculty and Staff Development	125.00	113.89	91.12
5	Industry Institute Interaction	62.50	46.12	73.79
6	Capacity development	25.00	25.09	100.36
7	Institutional Reforms	47.50	46.38	97.64
8	Support to weak students	25.00	37.45	149.80
9	Incremental Operating Cost	90.00	40.02	44.46
	Total	1250.00	1071.01	85.68






Major Equipment Purchased under TEQIP-II

Total plan of procurement was Rs. 560.00 lakhs with 63 packages.

A few of the major equipment purchased through TEQIP is as follows

SN	Particulars		Photo
1	Name of Equipment:	Micro machining centre	
	Cost:	Rs. 32,35,800	
	Department	Mechanical	
	Utility:	Lab Session for UG and PG Students, Dissertation-work of PG students, Research Work of PhD Research Scholars, Consultancy work for nearby colleges.	

SN	Particulars		Photo
1	Specifications:	Table Top Type Integrated Multi-Process CNC Machine Tool.- Work Table: 260mm x 110mm x 100mm, - Travel: 130mm x 75mm x 80mm, - 5 phase step motor with resolution of 0.1 micron micro step-driving. , - BLDC motor (300~3000rpm) type for micro machining and micro EDM. - Accuracy: $\pm 5 \mu\text{m}$ for the entire range in all axes. , - Repeatability: better than $\pm 2 \mu\text{m}$ for all axes. - Desktop Computer, Windows 7, WITH Control Unit , - High Precision motion controller with GUI. - Standard NC code compatible / extended NC code for EDM. Multi Processes:- Micro Turning - Micro Milling - Micro Drilling - Micro	
2	Name of Equipment:	Vector Controlled Induction Motor Drives	
	Cost:	Rs. 4,25,354	
	Department	Electrical	
	Utility:	UG and PG Practical's, PG Research Work.	
	Specifications:	Vector Controlled Induction Motor Drives 3 phase, 1 HP, 440V, Coupled with suitable load for 1 HP I.M. Torque indicator, Electronic torque controller.	
3	Name of Equipment:	Gas Chromatograph	
	Cost:	Rs. 9,99,500	
	Department:	Civil	
	Utility:	Gas analysis experimental work of PG dissertation.	
	Specifications:	Two inlets one for capillary column and other one for packed column. Flow setting range for packed column: 0-100 mL/min; Pressure setting range for Capillary column: 0-970 kPa Total flow setting range: 0-200 mL/min 2. Two Flame Ionization Detectors (FID) with methanizer option in one of the two FIDs. Flame ionization detector (FID) should respond to most organic compounds, Minimum detectable level.	
4	Name of Equipment:	Three phase inverter stacks I/P voltage	
	Cost:	Rs. 2,15,250	
	Utility:	UG and PG Practical's, PG Research Work	
	Specifications:	Three phase inverter stacks I/P voltage: 400V, 3 phase, 50 Hz(O/P voltage 0.400V, 3 phase, variable freq.) O/P current= 30A. Inverter stack includes, I/P rectifier, filter and IGBT devices and driver circuit for IGBT	
5	Name of Equipment:	Numerical Relay Development Environment	
	Cost:	Rs. 9,96,150	
	Department	Electrical	
	Utility:	UG and PG Practical's, PG Research Work.	
	Specifications:	Numerical Relay Development Environment (NRDE) with 1) Essential Relay Hardware- programmable through IDE, 2) Programmer, 3) Test setup The Concept Relay Hardware should be uniquely designed hardware which replicates an actual relay . This hardware can be programmed using Programming IDE and Programmer.	
6	Name of Equipment:	Transmission Line simulator	
	Cost:	Rs. 20,86,190	
	Department	Electrical	
	Utility:	UG and PG Practical's and simulation, PG Research Work	

SN	Particulars		Photo
7	Name of Equipment:	Inverted Pendulum with cart	
	Cost:	Rs. 7,81,245	
	Department	Electrical	
	Utility:	PG Research Work for designing various types of controllers like LQG, Fuzzy, ANN.	
	Specifications:	Digital Pendulum Control System with following details The Digital Pendulum Control System must provide experiments on an inverted balanced pendulum using digital control techniques. Must be Real-time, windows based digital control systems for use with Matlab®/Simulink® Real-time Workshop®, Real-time Windows Target.	
8	Name of Equipment:	MATLAB latest version with tool boxes	
	Cost:	Rs. 25,81,846	
	Department	Computer Science & Engg.	
	Utility:	24x7 accesses in campus. Extensively used by faculty and students from CSE, Electronics, IT, Electrical departments	
	Specifications:	MATLAB with latest Version with perpetual Server Licence , Parallel Computing Toolbox, Statistics toolbox. Control System Toolbox, System Identification Toolbox, Fuzzy Logic Toolbox, Signal Processing Toolbox, DSP System Toolbox ,Communications System Toolbox, Wavelet Toolbox, Image Processing Toolbox	
9	Name of Equipment:	Shake table setup	
	Cost:	Rs. 19,25,776	
	Department	Applied Mechanics	
	Utility:	To conduct structural dynamics experiments for M.Tech (Structure) To Carryout demonstration for U.G. for structure dynamics To get consultancy work on limited basis To utilize for research work for M.Tech (Structure) dissertation work	
	Specifications:	Horizontal Shake Table- With Eccentric Cam Horizontal Shake Table- With Cylindrical Cam Vertical Shake Table With Experimental Models	
10	Name of Equipment:	Lab View (H/W & S/W)	
	Cost:	Rs. 32,96,084	
	Utility:	Included in Syllabus used for Lab work for UG and PG. Used for UG Projects & M.Tech Dissertation work	
	Specifications:	LAB VIEW Addons Image Processing using NI Smart Camera Evaluation Kit	
11	Name of Equipment:	Cadence University Bundle 5xl	
	Cost:	Rs.15,82,500	
	Utility:	Post Graduate course work and Dissertation & Training programs	
	Specifications:	BUNDLE 5XL CADANCE (UNIVERSITY BUNDLE)	

5.2 Faculties funded under TEQIP-II for Ph.D and for Foreign Travel

Details of Foreign Travels Undertaken by the Faculty of Walchand College of Engg. Sangli (up to 30.04.2016)

SN	Name and Designation of persons who visited abroad	Purpose of Visit	Duration of visit	Days
1	Dr. U.A. Dabade (Mech.)	To Present Research Paper at "ASME -2013 Int. Mech. Engg. Congress and Exposition" at San Diego, California, & Visiting Columbia Uni., New York, Southern California Uni., California Sci. Centre, Los Angeles & Ship Building Maritime museum, and Uni. of California: San Diego, USA,	15 – 21 Nov 2013	9
2	Mr. R.P. Hasabe (Electrical)	To Present paper in the 3 rd Int. Conf. on "Power and Energy Systems (ICPEs 2013)" at Bangkok, Thailand & Visiting Chulalongkorn Uni. & Asian Inst. of Technology.	21 – 29 Nov 2013	11
3	Dr. M.M. Waware (Electrical)			
4	Dr. B.S. Gawali (Mech.)	To present paper in Int. Conference on "Heat and Mass Transfer" at Uni. of Hong Kong, China	09 – 15 Dec 2013	8
5	Dr. S.N. Tande (Applied Mechanics)	To Present paper in Int. Conference on "Civil Structural and Earthquake Engg." At Harbiye, Istanbul & Visiting T.C. Kultur Uni. & Istanbul Techno. Uni.	04 – 09 Dec 2013	8
6	Mr. S.N. Kore (Electronics)	To attend Int. Workshop on "Effective Academia Leadership Strategies" at Kuala Lumpur, Malaysia, & Visiting SEGI & Tailors Uni.	12 – 14 Dec 2013	5
7	Mr, P. K. Kharat (IT)	Paper presentation on Wireless intrusion Detection System Using Wireless Sensor Network A Conceptual Framework at IACSIT & IJEEE Int. Conf. On Advances In Electronics at Singapore	19 – 20 Feb 2014	4
8	Dr./ G.V. Parishwad (Director)	For Delivering Expert Lectures on 'Energy Scenario in India" at Int. Summer Uni.-2014 at Ostfalia Uni. of Applied Sciences, Wolfenbuettel, Germany & Visiting Uni. of Applied Sciences, Fulda and Hannover & IKKE gGmbH at Duisburg	10 - 19 May 2014	13
9	Dr. D.B. Kulkarni (IT)	For presenting Paper (Poster) entitled "EA:TCPP Curriculum Initiative: Progress Report" at 28 th IEEE Int. Parallel & Distributed Processing Symposium in Arizona Grand Resort, Phoenix (Arizona) USA.	16 – 26 May 2014	14
10	Dr. S.B. Joshi (Maths)	Paper presentation on "On a subclass of harmonic univalent functions defined by convolution at Int. Conf. on Constructive Construction -2014 at Vanderbilt Uni., Nashville, USA & Visiting other 3 Unis.	26 May 2014 to 20 June 2014	30
11	Dr. P.J. Kulkarni (Dy. Director)	Chapter of GEDC in Annual Conference of American Society for Engineering Education (ASEE) in Indianapolis, & Visiting Indianapolis and Other Uni.s in USA	13 – 23 June 2014	15
12	Mr. M.M. Khot (Mech.)	For Presenting Research Paper on Finite Element Analysis and Optimization of Flexure Bearing for Linear Motor Compressor" in 25th Int. Cryogenics Material Conference (ICEC/ICMC), Uni. of Twente, Enschede, The Netherlands.	05 – 13 July 2014	09
13	Mr. R.P. Hasabe (Electrical)	For presenting research paper in Int. Conference on Renewable Energy Technologies on topic "Development of Adaptive Distance Relay for STATCOM Connected Transmission Line with Wavelet Transform and ANN" at Hong Kong	07 – 09 Nov 2014	5
14	Mr. U.B. Chavan (IT)	For presenting the paper (talk) entitled "Inculcating Parallel Computing in UG curriculum" in front in the SC-14: Int. Conference for High Performance Computing. at SC-14, New Orleans Convention center, State of Louisiana, USA	15 – 20 Nov 2014	10
15	Dr. Santosh B. Joshi (Maths)	Was Invited by Hokkaido University, Sapporo, Hokkaido, Japan for carrying research work	1-15 June 2015	18
16	Dr. K. H. Inamdar (Mech)	To present research paper in Int. Conference on Mechanical and Industrial Engg (ICMIE-2015) at Singapore.	14 June 2015	3
17	Mr. J. M. Dabir, (Mech)	Invited to attend the training program for German Language teachers offered by Goethe Institute in Schwaebisch Hall, Germany	28 June to 25 July 2015	31
18	Mrs. M.A. Shah (CSE)	Invited to present research paper in 9 th ACM 'Int. Conference on Distributed Event-Based Systems at Uni. of Oslo, Norway.	1-6 July 2015	10
19	Ms. S. H. Bhandari (CSE)	IEEE sponsored Int. Conference on Image Processing, (ICIP-2015), at QueBec City, Canada	27-30 Sept 2015	4
20	Dr. D R Patil (Electrical)	Int. Conf. on Elec. Engg. Applications California, USA	21-23 Oct 2015	7

SN	Name and Designation of persons who visited abroad	Purpose of Visit	Duration of visit	Days
21	Prof Dr PJ Kulkarni (CSE)	16 th Int. Conf. on Web Information System Engg. Miami, Florida, USA	1-3 Nov 2015	6
22	Prof UA Dabade (Mech)	2 nd Int. Mfg. Engg. Conf. & 3 rd AFCOMS 2015 Kuala Lumpur, Malaysia	12-15 Nov 2015	6
23	Mr AK Mali (Civil)	Uni. of Strathclyde, UK for carrying out joint collaborative PhD Research on "Study on effect of sugarcane Bagasse Ash as supplementary Cementitious Material in Cement Concrete".	15 Nov 2015 to 15 Jan 2016	62
24	Dr.Sagar U. Sapkal (Mech)	Latest trends in the field of Welding Technology, and Industrial visit to Fronius, Austria	18 th to 22 nd April 2016	8
25	Mr. Jamil M. Dabir (Mech)			

Ph.D. Assistantship to the Faculties under TEQIP-II

SN	Name of Faculty	Department	SN	Name of Faculty	Department
1	Mr. A.R. Surve	CSE	2	Mr. K.V. Madhale	Physics
3	Mr. A.K. Kokane	Civil	4	Mr. A.J. Umbarkar	IT
5	Mr. A.B. Patil	Electrical	6	Mr. S.B. Kadam	APM
7	Mr. U.B. Chavan	IT	8	Mr. R.P. Hasabe	Electrical
9	Mrs. M.A. Shah	CSE	10	Mr. M.M. Khot	Mechanical
11	Mr. P.A. Mane	Mechanical	12	Mr. A.K. Mali	Civil
13	Mr. S.G. Tamhankar	Electronics	14	Mr. Amar U. Paranjape	Mechanical
15	Mr. R.R. Rathod	IT	16	Mr. A.P. Patil	Mechanical
17	Mr. V.D. Salkar	Civil			

PG Students Enrolled for TEQIP-II Teaching Assistantship

Year	F.Y. M.Tech	S.Y. M.Tech	Total
2012-13	14	Nil	14
2013-14	52	14	66
2014-15	30	52	82
2015-16	55	30	85

Funding for M. Tech Dissertation Work through TEQIP

SN	Name of Student	Department	Dissertation Place
2014-15			
1	Mr. Pankaj A. Deosarkar	Electronics	IIT, Bombay
2	Ms. Ashwini K. Jagtap	Electronics	IIT, Bombay
3	Mr. Prashant V. Patil	Electrical	IIT, Bombay
4	Mr. Pravin U. Mane	Mechanical	WCE, Sangli
5	Mr. Akshay N. Panajwar	CSE	IIT, Bombay
6	Mr. Pikle Nileshchandra	IT	IIT, Bombay
2015-16			
7	Mr. Sushil K. Surwase	Electrical	IIT, Bombay
8	Mr. Gautam B. Dhangar	Electrical	IIT, Bombay
9	Mr. Vinayak M. Rao	Electrical	IIT, Bombay
10	Mr. Suraj R. Babar	Mechanical	IIT, Bombay
11	Mr. Prasanna B. Chougule	Mechanical	IIT, Bombay
12	Mr. Jaywant V. Ingle	Mechanical	SGGS, Nanded

TEQIP Funding for Lectures Delivered by Foreign Resource Persons in Workshop/ Training Program Conducted at WCE, Sangli

Sr. No.	Name of Activity	Name of Resource Person	Date of Activity	Name of Coordinator
2012-13				
1	Guest Lecture on 1. Risk & reliability analysis in Engg. For UG,PG students (2) Structure analysis for final year B. Tech. Civil	Dr. Chandrasekhar Putcha, USA	06.08.2012 to 09.08.2012	Mr. S. V. Ramchandre & Mr. A. K. Kokane
2013-14				
2	One Week IUCEE FLI workshop Cloud Computing	Dr. Sohum Sohoni, Oklahoma State Uni. Stillwater, Oklahoma	29.07.2013 to 02.08.2013	Dr. B.F. Momin
3	One week Workshop on Embedded System Design	Mr. James M. Conrad, University of North Carolina, US	06.01.2014 to 10.01.2014	V.B. Dharmadhikari & S.R. Khedka (Electronics)
4	Workshop on Sustainable Development	Dr. D.L. Waikar, LLP, Singapore	17.02.2014 to 21.02.2014	Dr. P.G. Sonavane (Civil)
5	Advanced Data structure and Practices	Dr. Venkat Subramaniam, USA	07.04.2014 to 11.04.2014	Mr. A.J. Umbarkar (IT)
6	Guest lecture on Computability and Graph theory	Dr. Teodor Bulboca, Romania	01.09.2013 to 01.10.2013	Mr. S.B. Joshi
2014-15				
7	Expert Lectures on fundamental and matrixes method of structural analysis etc.	Prof. P Chandrasekhar, Fullerton University USA	19.08.2014 to 20.08.2014	Dr. S.N. Tande and Mr. V.D. Salkar
8	Training program on Outcome Based Education	Mrs. Lueny Morell, USA	09.01.2015 to 15.01.2015	Dr. S.N. Kore (Electronics)

Financial Assistance to the Students for Project Competitions through TEQIP-II

Sr. No.	Name of Activity	Date of Activity	Place of Activity Conducted	No. of Students Participated	Department	Expenditure
2013-14						
1	Evaluation of composite material fabricated from newly developed BRAMHA resin	02-03.01.2014 & 25.02.2014 to 04.03.2014	NAL, Bangalore	2	Mechanical	
2014-15						
2	TECHFEST Event, Project Title: Design and Development of Radio Controlled Aircraft	03.01.2015 to 05.01.2015	IIT, Bombay	5	Mechanical, Electronics	34700/-
3	Participation in the Event of Annual Inter College Science Challenge-MIMANSA- 2015	11.01.2015	Pune	40	Mechanical, IT, Electronics, Civil, CSE,	20278/-
4	Boeing National Aero Modeling Competition 2014-15 Event Project titled-"Design and Development of Radio Controlled Aircraft"	14.03.2015 to 15.03.2015	IIT, Bombay	5	Mechanical	32300/-
5	Event on the Dream Big by Tedx	18.10.2014	MCCIA Trade Tower, Pune	4	CSE	3626/-
6	Event ACREX India 2015 an Exhibition for HVAC&R	26.02.2015 to 28.02.2015	Bangalore	31	Mechanical	22658/-
2015-16						
7	ACM International Collegiate Programming Competition 2015-16	19.12.2015 to 21.12.2015	Coimbatore, Tamilnadu	3	IT	3500/-
8	Design and Development of Hybrid Tandom Driven Tricycle to be Show Cased in SAE NIS Efficycle 2015	11.10.2015 to 22.10.2015	Jalandhar	10	Mechanical	127963/-

Sr. No.	Name of Activity	Date of Activity	Place of Activity Conducted	No. of Students Participated	Department	Expenditure
9	Design and Development of Hybrid Tandom Driven Tricycle to be Show Cased in SAE NIS Efficycyle 2015	11.10.2015 to 22.10.2015	Jalandhar	10	Mechanical	127963/-
10	Design and Development of Efficient Electric Driven Car to Preset in Event of EFFCARS'16,	18.01.2016 to 31.01.2016	Chandigarh	12	Mechanical	159983/-
11	Design and Development of Robots for ABU ROBOCON 2016	03.03.2016 to 05.03.1016	Shiv Chhatrapati Krida Sankul, Mahalunge (Balewadi), Pune	32	Mechanical, Electronics, Electrical	25000/-
12	TECHFEST 2015	25.12.2015 To 28.12.2015	IIT Bombay	37	Electrical, Electronics, CSE	1777200/-
13	Workshop in International Summit by TECHFEST on Internet of Things	19.12.2015 to 21.12.2015	Coimbatore, Tamilnadu	4	IT	5500/-
14	Participation in National Event "Aakar-2016"	12.03.2016 to 13.03.2016	IIT Bombay, Powai, Mumbai	5	Civil	4500/-

Industrial Visit of the Students through TEQIP-II

Year	No. of Industries Visited by Students	No. of Students Visited to Industries
2012-13	1	50
2013-14	14	444
2014-15	22	915
2015-16	12	412

Conferences Attended by Students

Year	No. of Conferences, Workshops and Training Programmes Attended by Students			No. of Students Attended Conferences, Workshops and Training Programmes		
2012-13	22	5	3	25	39	17
2013-14	34	10	5	60	27	13
2014-15	71	13	10	80	78	25
2015-16	39	16	5	44	71	9

Details of workshop attended by students in academic year 2015-16 are as follows:

- Workshop on "Introduction to Digital Image Processing and Pattern Recognition" was attended by Mr. Mahesh R. Heda (M.Tech. IT) during 03rd to 14th August 2015 at NRSC, Hyderabad.
- Workshop on "Advances in GIS" was attended by Mr. Mahesh R. Heda (M.Tech. IT) during 06th to 17th July 2015 at NRSC, Hyderabad.
- Workshop on "Think Parallel: Parallel Programming for Engineers & Scientists" was attended by Pooja Pawar, Avinash Pandhare, Pramod Yelmewad, Dhiraj Patil (All M.Tech. IT students) & Vishakha Mankar, Karishma Bansole, Alpesh Kurhade, Nikhil Mhala (All CSE M.Tech. Students) during 20th to 24th July 2015 at CDAC, Bangalore.
- Two days workshop on "Antennas-Fundamentals, Design, Fabrication and Testing" was attended by Mr. S.S. Mulla (QIP-Ph.D. scholar) from Electronics department during 28th to 29th August 2015 at RIT, Rajaramnagar, Sakhrle.
- Workshop on "LATEX" was attended by Mr. SurajKhapre, Mr. VaibhavPatil (TY B.Tech. Meh. Dept.,) and Mr. AkshaySawant, Mr. Dinesh Kulkarni, Mr. NipunSinha, Mr. GauravKhanande, Mr. SurajPawar (TY B.Tech Elect. Dept.) during 29th August 2015 at IIT Bombay, Mumbai.
- Rahul Sawant, VikasGhorpade, YogeshGawali, Vishal Tirpude, SatishPawar & Vijay Kadam (All S.Y. B.Tech. Elect. Student) have attended workshop under "TECHFEST 2015 on Solar Power Plant" at IIT Bombay, Mumbai during 27th to 28th December 2015.
- Abdul Shaikh, SatishPawar, AbhishekBidwe (All S.Y. B.Tech. Elect. Student) have attended workshop under "TECHFEST 2015 on Ethical Hacking (HackNEX I)" at IIT Bombay, Mumbai during 25th to 26th December 2015.
- Total 27 students from Electrical & Electronics have attended "TECHFEST 2015 on Embedded Technologies" at IIT Bombay, Mumbai during 27th to 28th December 2015.
- Ms. Ankita V. Terkhedkar, Ms. Amruta P. Pawar, Mr. Yashodhan Mane & Ms. Ashwini Pandagale (SY M.Tech. CSE Dept.) have attended workshop in International Summit by "TECHFEST on Internet of Things (IOT)" at 26th to 28th December 2015.

- Mr. Vaibhav Patil and Mr. Suraj Khapre (TYB.Tech from Mech. Dept.) have attended two days workshop on “Automobile and Mechanics” at IIT Bombay, Mumbai during 25th to 26th December 2015.
- Mr. Piyush G Tapdiya & Pariksheet P Thakare (Final Year B.Tech. Electronics) have attended “International Robotics Workshop and Championship for Quadcopter” at IIT Delhi during 24th to 25th February 2016.
- Ms. Pooja Gouraj, Mr. Nikhil Mhala (SY M.Tech. IT) have attended workshop on “Medical Imaging: Techniques and Image Processing” at IIT Delhi during 25th to 27th March 2016.
- Mr. Kiran G Shind, Mr. S.A. Gore, Ms. S.S. Gore & Mr. A.M.Chavan (All FY M.Tech. Electronics Dept.) have attended two days workshop on “Innovative antennas in Modern Technology” at VELS University, Chennai during 12th to 13th April 2016.
- Mr. Bhushan S Sadvelkar, Mr. Sachin B. Darade & Mr. Rizwanahmed B. Mujawar (All FY M.Tech IT) have attended workshop on “HADOOP” at Pune Inst. of Comp. Tech., Pune during 30th to 31st January 2016 & 06th to 07th February 2016.

Details of Training attended by students in academic year 2015-16 are as follows:

- Mr. S.S. Karidkar (Research Scholar, Mech.) has attended STTP on “Modeling and Simulation” at Goa College of Engg. Gao during 07th to 18th December 2015.
- Mr. Bhushan S Sadvelkar & Mr. Sachin B. Darade (FY M.Tech IT) and Mr. Pranot T Mane, Mr. Aniket S Chavan & Mr. Vaibhav H Jadhav (FY M.Tech. Elect.) & Mr. Vikas V. Kanake & Mr. Pradipkumar Patil (SY M.Tech. Mech. Dept.) have attended one week training program on “Advanced Engineering Optimization Through Intelligent Techniques” at SVNIT, Surat during 21st to 26th March 2016.

Workshops, Training Program, and Conference attended by faculty

Year	No. of Workshops, Training Program, and Conference Attended			No. of Faculty Members Attended		
2012-13	22	19	26	51	30	29
2013-14	27	27	27	114	41	29
2014-15	21	24	22	36	47	24
2015-16	21	19	16	69	29	16

Workshop and Training Programs attended by Staff

Year	No. of workshops and Training Programs Attended		No. of Staff Attended workshop and Training Programs	
2012-13	3	3	17	5
2013-14	8	6	285	97
2014-15	7	6	98	10
2015-16	4	5	64	8

Details of workshop attended by Staff in academic year 2015-16 are as follows:

- 45 non teaching staff members from various departments have attended two days workshop in two slots on “Developing Positive Attitude towards work and life for non teaching staff members” during 01st to 02nd July 2015 at WCE, Sangli.
- Mr. G.B. Joshi, Mr. S.N. Nitave, Mr. S.B. Kolap (Electronics) have attended five days workshop on “Basic Competences in Laboratory and office management for supporting staff (Class-III)” at Govt. College of Engg. & research, Awasari Pune during 15th to 19th December 2016.
- Mr. A.R. Kulkarni, Mr. R.P. Kolape, Mr. D.N. Kuppanawar, Mr. R.S. Mujawar, Mr. S.N. Nitave, Mr. M.H. Bhide, Mr. A.A. Salvi, Mr. U.S. Javir, Mr. G.N. Kamble, Mr. Sanjay S.Sutar, Mr. G.B. Joshi (11 staff from various departments) have attended one week workshop for supporting staff members on “Safety Measures in Laboratories” at BATU, Lonere during 25th to 29th February 2016.
- Mr. D.B. Hankare, Mr. V.D. Narayane, Mr. S.B. Agawane & Mrs. J.S. Shitole (All Library) have attended one week workshop on “Designing & Developing Digital Library Using Open Sources Software Dspace & Koha” at WCE, Sangli during 15th to 20th February 2016.

Details of training program attended by staff in academic year 2015-16 are as follows:

- Mr. S.K. Parchandekar (Eln) & Mrs. S.S. Daund (Office) have attended one day training program on "Maharashtra Right to Public Services Act 2015 which was organized by YASHADA & Vaniki Training Institute, Pune at Kundal Tal Palus Dist. Sangli on 06th October 2015.
- Mrs. S.S. Daund, Mr. D.G. Kolap & Mr. D.B. Ramtirthkar (Admin office) have attended training on "Sevarth" at R.O. Pune on 26th November 2015.
- Mrs. S.S. Daund, (Fin. Officer) has attended training on "Administration" at YASHADA, Pune during 30th November to 02nd December 2015.
- Mrs. S.S. Daund, Mr. S.S. Kulkarni, Mr. Milind Sathe (Office staff) & Dr.V.B. Dharmadhikari(Electronics) , Dr. D.S. More (Electrical) have attended "Budget Training" at NICMAR, Pune on 08th December 2015.
- Mr. A.S. Shrawasti has completed "MS-CIT Corse for Skill Up gradation" during 01st Noverber 2015 to 31st Jnauary 2016 from Akshay Institute of Computer Technology, Sangli.

Staff Development Program Attended by Staff

Year	No. of SDP Attended	No. of Staff Attended SDP
2012-13	6	23
2013-14	14	382
2014-15	12	102
2015-16	7	57

Some major Staff Development Programs in 2015-16 are as follows:

- Thirty Five supporting staff member from various Departments of WCE, Sangli have attended "Workshop on Life Skills for Happy Life Part-III for Non Teaching Staff" during 23.04.2015 to 25.04.2015 at WCE, Sangli
- Twelve staff members from various departments have attended "Workshop on Effective Skills for Happy Life –II" during 02.01.2015 to 03.01.2015 at BATU, Lonere.
- Ninety non-teaching staff members of WCE, Sangli from various departments have attended "Two days workshop in 2 slots on Developing Positive Attitude towards Work and Life" for non-teaching staff members during 29th to 02nd July 2015 at WCE, Sangli.

Workshop/ training/ seminar organized for students/ faculty/ staff

Year	No. of Training/ Workshop/ Seminar Conducted
2012-13	38
2013-14	43
2014-15	33
2015-16	22

Guest lecturers conducted for students/ staff/ faculty

Year	No. of Guest Lectures Conducted
2012-13	6
2013-14	22
2014-15	29
2015-16	32

Academic Support to Weak Students through TEQIP-II

- Mr. S.N. Kore (Dean Academic) has arranged "Remedial classes for weak students" during 13th June to 06th June 2014.
- Mr. S.N. Kore (Dean Academic) has arranged "Remedial classes for weak students" during 01st June to 31st July 2015 at WCE, Sangli.
- Mr. K. S. Wagh (Rocrat Club of WCE, Sangli) has conducted Language test for newly admitted F.Y.B.Tech, student on 10th September 2015 at WCE, Sangli

5.3 TEQIP-II Audits

- TEQIP-II Financial Statutory Audit for the period of 2014-15 was carried out by Harsh Agarwal & Jayant Shrotriya during 27th to 30th July 2015.
- TEQIP-II Internal finance Audit for the period of 2015-16 was carried out Mr. Sarang & Mr. Jotisharan during 17th to 19th October 2015.
- Pre Data Audit of TEQIP-II For the period 2014-15 was carried out by Dr. P.B. Daigavane (Avasari) during 28th to 31st October 2015.
- TEQIP-II Physical Assets verification Audit was carried out by Mr. N.V. Sali (Karad) on 10th December 2015.
- TEQIP-II Final Data Audit & Performance Audit for 2014-15 was carried out by Dr. Balveera Reddi & Dr. P. P. Daigawane during 22nd to 26th February 2016.

A) PERFORMANCE AUDIT FORMS (2014-2015)

NAME OF THE PERFORMANCE AUDITOR: **Dr. K. Balaveera Reddy**

DATES OF PERFORMANCE AUDIT : **22nd, 23rd, 24th & 25th February 2016**

PIP REF	Institution Performance Profile	OVERALL EVALUATION GRADES
Component 1: Improving The Quality Of Education In Selected Institutions		
1.1	Strengthening Institutions To Improve Learning Outcomes And Employability Of Graduates	Not Applicable
1.2	Scaling Up Postgraduate Education And Demand-Driven Research And Development And Innovation	1
12.1	Establishing Centre's Of Excellence	Not Applicable
1.3	Faculty Development For Effective Teaching (Pedagogical Training)	1
Component 2: Improving System Management		
2.1	Capacity Building To Strengthen Management	1
2.1.1	Implementation Of Good Governance	1
2.2	Project Management, Monitoring And Evaluation	1

INSTITUTION PERFORMANCE PROFILE GRADES AND GRADE DESCRIPTORS	
1.	Significant evidence of good practice: in the quality and standards achieved (Assessment identifies clear supporting evidence for at least 75% of the relevant practices can be considered good practice)
2	Some evidence of good practice: in the quality and standards achieved (Assessment identifies clear supporting evidence that at least 50% of the relevant can be considered good practice)
3	Good Practice not widespread or not in place: (Institutions may specify the expected date of completion if there are concrete plan in place implementation)

COMPONENT 1: IMPROVING QUALITY OF EDUCATION IN SELECTED INSTITUTIONS

1.1 STRENGTHENING INSTITUTIONS TO IMPROVE LEARNING OUTCOMES AND EMPLOYABILITY OF GRADUATES

MONITORING AND PROJECT OUTPUT/OUTCOME PARAMETERS	SUPPORTING EVIDENCE
Effectiveness of funds utilized for the teaching, training, learning and research equipment, library, computers, etc. by institutions, including: Increase in the satisfaction index of student and faculty	Component 1.1 NOT APPLICABLE (As the institution is considered for TEQIP-Phase II 1.2)
Obtaining Academic Autonomy status, including: Number of Institutions that have obtained "Autonomous institutions status as per University Grants Commission Process Within 2 years of joining the project	
Effectiveness of utilization of Academic autonomy possessed/obtained (See Table - 26 in PIP)	
Efforts made by institutions for upgrading qualifications of faculty members, including: Percentage of faculty enrolled in M.Tech. and PhD.	

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
Existing teaching and staff vacancies and effort made by institutions for filling the vacancies, including: Percentage of faculty and staff position filled and vacant Increase in faculty appointed on regular basis	Component 1.1 NOT APPLICABLE (As the institution is consider for TEQIP-Phase II 1.2)
Effectiveness of equity at Institutional level, including Transition rate of students from the First to the Second year in Under graduate Programmes	
	OVERALL EVALUATION GRADE FOR 1.1 USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)

1.2 SCALING-UP POSTGRADUATE EDUCATION AND DEMAND-DRIVEN RESEARCH & DEVELOPMENT AND INNOVATION

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
A. Effectiveness of funds utilized for the teaching, training, learning and research equipment, library, computers, etc. by institutions, including: <ul style="list-style-type: none"> Increase in the satisfaction index of student and faculty 	<ul style="list-style-type: none"> During 2014-15 Period The Institute has received 10.5 Crores. Amount spent during 2014-15 8.28 Crores and 2 Crores in pipeline. The funds have been utilized effectively for computers and software, research equipment, training the faculty and staff. It is utilized also for Students Assistantships and training. Satisfaction is quite high.
B. Effectiveness of scaling-up Postgraduate Technical Education, including <ul style="list-style-type: none"> Increased enrolment for M.Tech. and PhD 	<ul style="list-style-type: none"> Increase in Intake M.Tech. Civil Structural Engg. from 18 to 30 M.Tech. Mechanical Production Engg. from 18 to 30 Now Intake has increased from 216 to 240 in M.Tech. Programs. Ph.D enrolment has been increased to 78 Industry Sponsored PG Projects = 60 5 students have completed Ph.D. from this institute.
<ul style="list-style-type: none"> Establishment of proposed laboratories 	<ul style="list-style-type: none"> 10 Laboratories have been modernized by procuring equipment during 2014-15. For training and research programs, 3 industry sponsored labs have been established. For M.Tech. Program 10 Labs have been established.
<ul style="list-style-type: none"> Cumulative number of assistantship granted 	<ul style="list-style-type: none"> 82 No. of teaching assistantships are granted for M.Tech. Students during 2014-15. All Eligible PG students are getting Assistantships. Rs. 8000/- Per Month Assistantship is given to each eligible student
C. Progress/achievement in starting new Post-graduate programmes including: <ul style="list-style-type: none"> Securing AICTE approval 	<ul style="list-style-type: none"> 2 PG programs intake has been increased from 18 to 30 for each program as per AICTE approval.
<ul style="list-style-type: none"> Establishment of laboratories 	<ul style="list-style-type: none"> One New Research Laboratory in the area of Mechatronics has been established with the help of John Deere industry. 10 M.Tech laboratories have been modernized during 2014-15.
<ul style="list-style-type: none"> Adequacy of student enrolments 	<ul style="list-style-type: none"> 100% Students have been enrolled. All 240 seats have been filled during 2014-15.
D. Effectiveness of collaborations made with other institutions in India and abroad, including: <ul style="list-style-type: none"> Increase in number of Co-authored publication in refereed journals 	<ul style="list-style-type: none"> 12 MOUs have been signed during 2014-15. 7 MOUs with Academic Institutes. 5 MOUS with Industries. 1 MOU with Foreign Industry. During this period 2 books have been published by faculty.
E. Increased collaboration with industry in research and development, including: <ul style="list-style-type: none"> Increase in number of joint and industry sponsored research and development work undertaken 	<ul style="list-style-type: none"> 60 PG students have completed Industry sponsored projects. 2 Industry research projects are completed with John Deere, Pune during 2014-15.

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
<ul style="list-style-type: none"> • Increase in financial contribution industry for R&D 	<ul style="list-style-type: none"> • Rs. 1 Crore grant towards R & D work from Rathi Engineering works has been received.
<ul style="list-style-type: none"> • Increase in Industry personnel registered for Masters and Doctoral programmes 	<ul style="list-style-type: none"> • Industry sponsored M.Tech. student = 6
<ul style="list-style-type: none"> • Increase in Industry personnel trained by institution in knowledge and/or skill areas 	<ul style="list-style-type: none"> • 125 Industry persons have been trained by the institution in knowledge and skill areas.
<ul style="list-style-type: none"> • Increase in the number of consultancy assignments secured 	<ul style="list-style-type: none"> • No. of Consultancy Assignments are 578 for the year 2014-15 and revenue generated is Rs. 15.92 Lakhs.
<ul style="list-style-type: none"> • Increase in the number of students and faculty visits to and/ or training in industry 	<ul style="list-style-type: none"> • 915 students visited 22 industries for the year 2014-15. • 98 faculties visited 40 industries and completed Industrial Training.
<ul style="list-style-type: none"> • Improvements in graduate placement rate 	<ul style="list-style-type: none"> • 401 UG students are placed out of 463 students (UG=86.61%) in Industries. • 87 PG students (59.18%) are placed out of 147 students in Industries. • About 5% students have gone for higher studies • About 2% students established their own industries.
<ul style="list-style-type: none"> • Increase in involvement of industry experts in curricula & syllabi improvements, laboratory improvements evaluation of students and delivering expert lectures 	<ul style="list-style-type: none"> • 12 Industry experts are involved in curricula and syllabus updating. • 30 industry persons are involved in training faculty and students. • 8 Industry persons are involved in evaluation of student projects.
<ul style="list-style-type: none"> • Increase in the number of sandwich programmes between industries and the institution 	<ul style="list-style-type: none"> • Planning to start PG Certificate Diploma sandwich programmes and also 2 months Industry Internship Program for UG students • 12 months Industry Sponsored Projects for 60 PG students.
F. Increase in Percentage of revenue from externally funded research and development projects and consultancies as a percentage of the total revenue of the institution from all sources	<ul style="list-style-type: none"> • IRG for externally funded R & D Project is Rs. 20.83 Lakhs • Department Reserve Fund is Rs. 293.98 Lakhs. •
G. Increase in the number of publications in referred journals	<ul style="list-style-type: none"> • During the period of 2014-15 Numbers of referred journals are 63 by faculty and students.
H. Increase in the number of patents filed	<ul style="list-style-type: none"> • 1 Patent is filed. Title of Patent is "A System for turning vehicle with minimum turning radius"
Grade- 1	OVERALL EVALUATION GRADE FOR 1.2 USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)

1.2.1 ESTABLISHING CENTRES OF EXCELLENCE

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
A. Establishing Centre of Excellence: <ul style="list-style-type: none"> • Improvement in Research and Development facilities through: • Establishment of newlaboratories for applicable thematic research 	Component 1.2.1 Not Applicable
<ul style="list-style-type: none"> • Establishment of a knowledge resource centre (library) in thematic area. 	
<ul style="list-style-type: none"> • Procumbent of furniture. 	
<ul style="list-style-type: none"> • Civil Works 	
-	OVERALL EVALUATION GRADE FOR 1.2.1 USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)

1.3 FACULTY DEVELOPMENT FOR EFFECTIVE TEACHING (PEDAGOGICAL TRAINING)

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
A. Effort made by institutions providing Pedagogy Training to Faculty, including:	
<ul style="list-style-type: none"> Percentage of faculty who have benefitted from the core and advanced modules of pedagogy training 	<ul style="list-style-type: none"> 91 faculty (68.93%) out of 132 faculty attended the core and pedagogical training program.
<ul style="list-style-type: none"> Improvements in (and/or updating, and more relevant) curricula and/or syllabi 	<ul style="list-style-type: none"> Curriculum has been revised for all 6 UG and 10 PG programs.
<ul style="list-style-type: none"> Improvements in (and/or updating, and more relevant) course assessment methods 	<ul style="list-style-type: none"> Inter Departmental Electives were introduced (Total Number of electives subjects are 82)
<ul style="list-style-type: none"> Improvements in (and/or updating, and more relevant) curricula and/or syllabi 	<ul style="list-style-type: none"> From Computer Sc. and Engg. Dept. Programming Lab Subject all exams (ISE/MSE/ESE) are conducted online. From Electronics Dept. FY B.Tech.: Programming Lab SY B.Tech.: Engineering Computations, TY B.Tech. : Embedded System & VLSI and Final Year B.Tech. : Real Time Operating Systems exams (ISE/MSE/ESE) are conducted online. Planning to conduct all the exams on line for all the subjects. 10 PG and 6 UG Programs curriculum revision has been taken place Total No. of Electives for UG: 35 Total No. of Electives for PG : 47 Few audit courses are made credit courses because of increased importance.
<ul style="list-style-type: none"> Percentage of faculty with UG qualification registered/ deputed for improving their qualification (See section-3, 4(b) on page 20 of PIP 	<ul style="list-style-type: none"> Under QIP 4 faculty are deputed for higher studies. 17 faculty members have been registered for Ph.D. and 3 faculty members obtained Ph.D. during 2014-15.
<ul style="list-style-type: none"> Percentage of faculty deputed for subject domain training, seminars, etc. (<i>faculty are required to share their gains with peers and put reports on training on institution's Website</i>) 	<ul style="list-style-type: none"> 68% faculty deputed for improving their qualifications (91 faculty out of 132).
<ul style="list-style-type: none"> Progress in securing accreditation of eligible UG & PG programs (<i>Institutions to achieve target of 60% of eligible UG & PG programmes accredited-applied within 2 years of joining the project</i>) 	<ul style="list-style-type: none"> Out of 6 UG Programs 5 UG Programs NBA Visit Completed on 15th, 16th and 17th Jan. 2016. Out of 10 PG Programs for 2 PG Programs are accredited for 3 years and 5 programs are applied and waiting for the NBA visit.
B. Effectiveness of Pedagogy Training, Including	
<ul style="list-style-type: none"> Percentage of students satisfied with the quality of teachers and changes/developments specifically undertaken as a result of student evaluations. 	<ul style="list-style-type: none"> 92 % students are satisfied with quality of teachers and Teaching-learning evaluation changes.
Grade-1	OVERALL EVALUATION GRADE FOR 1.3USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)

2.1CAPACITY BUILDING TO STRENGTHEN MANAGEMENT

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
A. Implementation of Academic and non-Academic reforms, including:	
<ul style="list-style-type: none"> Improved understanding of the need and ways for increased autonomy, and new instruments for accountability 	<ul style="list-style-type: none"> UGC granted for extension of Autonomous Status for a period of 6 years with effect from 2014-15 to 2019-20 Including ex-post facto from 2012-13 to 2013-14. Shivaji University has confirmed to the institute the extension of autonomous status for the period of 8 years from the Academic Year 2012-13 to 2019-20. All Departments of the institution has been given more academic autonomy in updating curricula, Syllabi and evaluation. Students are given flexibility in the selection of interdisciplinary electives. Planning to start PG Diploma Sandwich Programs and also PG Programs in collaboration with Industries. For few courses online examination and evaluation process is in place.

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
<ul style="list-style-type: none"> • Modernization and decentralization of administration and financial management 	<ul style="list-style-type: none"> • Web based MIS is well in place. • Full financial powers to Director with the approval of Administrative Council. • Deputy Director, Deans and HoD's by rotation have been appointed for Administration and Academic Programs. • Deans and HOD's have a financial powers up to Rs. 5000/- & Dy. Director has financial powers up to Rs. 20000/- • HOD's has been given powers for granting casual leave to faculty. • Dean Quality Assurance looks after teaching learning process and evaluation & Dean R&D looks after research and development.
<ul style="list-style-type: none"> • Extent of delegation of Administrative and financial decision making powers to senior functionaries 	<ul style="list-style-type: none"> • Full financial powers to directors with the approval of Administrative Council • Deans and HOD's are given financial power of Rs. 5000/- • Full Academic Autonomy to HOD's with approval from Academic Council.
<ul style="list-style-type: none"> • Responsiveness to stakeholders (students, faculty, staff, industry, local communities) 	<p>Very Good</p> <ul style="list-style-type: none"> • Remedial Classes for weaker student. • Proper guidance and training for students in campus placement. • Professional skill development program for students. • Student activity clubs for extra curricula and co-curricular activities. • Student representation in Department Advisory Board. • Encouragement to students for research and innovation. • Pedagogical and domain knowledge training program have been conducted for faculty to improve the quality of teaching. • Financial support to faculty to do research work, publication of papers and books. • Management Capacity Development Training for Deans, HOD's and Senior Faculty. • Rewards and Recognition for faculty. • Short Term Training Program for Industry Professionals. • Consultancy to medium and small scale industries. • Encouraging to Industry personnel to obtain higher qualification. • Skill development programs for rural youth. • Blood Donation Camps. • Service to local community through NSS students. • Cyber security program for police officials.
<ul style="list-style-type: none"> • Institutional quality assurance and enhancement strategies, including student feedback mechanisms 	<p>Very good</p> <ul style="list-style-type: none"> • IQAC is in place. • Based on online students feedback counseling of faculty is done. • NACC and NBA accreditation committees are constituted. • NBA team visited to the Institute during 15th to 17th Jan. 2016 and result awaited. • NAAC committee is going to visit during 17th to 19th March 2016. • Academic audit for all the courses has been completed. • Internal and external audit for TEQIP-II program have been completed for the financial year 2014-15. • TNA is carried out to improve skills of faculty. • Strategic Development Plan for 2015-2020 is placed before BOG for approval.
<ul style="list-style-type: none"> • Maintenance of Academic and non-Academic infrastructure and facilities, including sufficiency and quality of Academic buildings 	<p>Very good</p> <ul style="list-style-type: none"> • Quality of Academic Building is Very good. • Sufficient classrooms are available. • All classrooms are equipped with Audio, Visual Equipment's. • All Departments are provided with Smart Boards. • Centralized Computing Facility is available. • In Campus Wi-Fi facility is available. • 200+ 80 mbps Lease Line is available. • Most of the Labs are open to students for 24x7 • Excellent Library Facility. • Digital Library and E-resources are available. • Reading rooms/Study rooms available for 24x7

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
<ul style="list-style-type: none"> Maintenance of Academic and non-Academic infrastructure and facilities, including sufficiency and quality of Academic buildings 	<ul style="list-style-type: none"> Maintenance cell exists such as Building, Electrical and Garden Equipments Maintenance etc. Campus is very well maintained.
<ul style="list-style-type: none"> Development, maintain and utilization of institutional resources 	<p>Very good</p> <ul style="list-style-type: none"> As per the requirement of TEQIP following 4 funds has been set up. Corpus Fund 41.39 Lakhs Faculty Development fund 52.19 Lakhs Equipment Replacement fund 41.39 Lakhs Maintenance Fund 41.39 Lakhs 50% of development reserve fund (DRF) is deposited in corpus 50% of remaining DRF, IRG is used 100% every year Institutional Resources are utilized for imparting teaching learning evaluations, STTP's and skill enhancement programs etc.
<ul style="list-style-type: none"> Generation, retention and utilization of Income Revenue Generation 	<p>Very good</p> <ul style="list-style-type: none"> 50% of testing amount given back to concerned Dept./faculty 60% of consultancy amount given back to concerned Dept./faculty Remaining funds are fully utilized for the development of activities of the institute. During 2014-15 period IRG of Rs. 314.81 Lakhs is generated
<p>Grade-1</p>	<p>OVERALL EVALUATION GRADE FOR 2.1 USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>

COMPONENT 2: IMPROVING SYSTEM MANAGEMENT

2.1.1 IMPLEMENTATION OF GOOD GOVERNANCE

MONITORING AND PROJECT OUTPUT/ OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
<p>A. PRIMARY ACCOUNTABILITES:</p>	
<ul style="list-style-type: none"> Has the Governing Body approved the institutional strategic vision, mission and plan-identifying a clear development path for the institution through its long-term business plans and annual budgets? 	<p>Yes</p> <ul style="list-style-type: none"> Annual Budget report 2014-15 has been approved by Administrative Council. Bottom up Approach is used for preparation of Budget. The institutional strategic Vision, Mission, Quality Policy, Core Values and development plans have been approved by Administrative Council. Strategic development plan is in progress. Departmental Vision, Mission and Short Term, Medium Term and Long Term Goals have been identified.
<ul style="list-style-type: none"> Has the Governing Body ensured the establishment and monitoring of proper, effective and efficient systems of control and accountability to ensure financial sustainability 	<p>Yes-Government Aided Institution</p> <ul style="list-style-type: none"> Institute has well defined organizational structure. Institute has MIS system in place. Annual Budget is approved by Administrative Council and Finance Committee. Balance sheets of every year shows financial sustainability. Internal and external audits have been conducted. Budget planning is approved by Administrative Council
<ul style="list-style-type: none"> Is the Governing Body monitoring institutional performance and quality assurance arrangements? 	<p>Yes</p> <ul style="list-style-type: none"> Four meetings of Administrative Council during the year (Dates: 26/08/2014, 25/11/2014, 25/02/2015, 29/05/2015) NBA Accreditation Visited for 5 UG programs during 15th to 17th Jan. 2016. 5 PG Programs submission ESAR is in progress. NAAC Committee Visit is scheduled during 17th to 19th March 2016. Dean Quality Assurance is appointed and cell is existence for IQAC. Academic Subjects are reviewed by Academic Council.

MONITORING AND PROJECT OUTPUT/ OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
<ul style="list-style-type: none"> Has the Governing Body put in place suitable arrangements for monitoring the head of the institutions performance? 	<p>Yes</p> <ul style="list-style-type: none"> Performance appraisal of Head of the Institute is done periodically by Chairman of Administrative Council. Every month progress in various activities are reported to the Chairman. Director's reports are placed in Administrative Council meeting for discussion and approval.
Grade-1	EVALUATION GRADE FOR 2.1.1AUSING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)
B. OPENNESS & TRANSPARANCY IN THE OPERATION OF GOVERNING BODIES	
<ul style="list-style-type: none"> Does the Governing Body publish an annual report on institutional performance? 	<p>Yes-</p> <ul style="list-style-type: none"> Annual progress report is published annually (Refer Annual Report 2014-15). Annual R&D report is proposed. Institution Brochure is published annually with all activities of institute during alumni meet day.
<ul style="list-style-type: none"> Does the Governing Body maintain, and publicly disclose, a register of interests of members of its governing body? 	<p>Yes-</p> <ul style="list-style-type: none"> Annual report of 2014-15 indicates project disclosure of academic matters. Proceedings of meeting of Board of Studies, Academic Council and Administrative Council are displayed
<ul style="list-style-type: none"> Is the Governing Body conducted in an open a manner, and does it provide as much information as possible to students, faculty, the general public and potential employers on all aspects of institutional activity related to Academic performance, finance and management? 	<p>Yes-</p> <ul style="list-style-type: none"> Student members are in Department Advisory Board. Department Advisory Board consists of faculty from institute, faculty from other institutes, industry experts and students. All required Academic performance information is displayed to faculty, students and general public. Some important decisions are referred to Academic Council & Administrative Council. Every year admissions are as per Govt. rules in a transparent manner. Every year feedback from Alumni and parents obtained.
Grade-1	EVALUATION GRADE FOR 2.1.1BUSING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)
C. KEY ATTRIBUTES OF GOVERNING BODIES	
<ul style="list-style-type: none"> Are the size, skill, competences and experiences of the Governing Body, such that it is able to carry out its primary accountabilities effectively and efficiently, and ensure the confidence of its stakeholders and constituents? 	<p>Yes-</p> <ul style="list-style-type: none"> As per norms of Statutory Bodies The Administrative Council is constituted. Well qualified, and experienced members are serving in Administrative Council. Minutes of meetings of Administrative Council are available on request of stake holders.
<ul style="list-style-type: none"> Are the recruitment processes and procedures for governing body members rigorous and transparent? 	<p>Yes- Quite transparent</p> <ul style="list-style-type: none"> Constitution of Administrative Council is as per norms of statutory bodies and are more transparent.
<ul style="list-style-type: none"> Does the Governing Body have actively involved independent members and is the institution free from direct political interference to ensure Academic freedom and focus on long term educational objectives? 	<p>Yes-Academic freedom exists.</p> <ul style="list-style-type: none"> Respective Statutory Bodies nominate the members to Administrative Council. Free from Political interference in Academic activities of the institute.
<ul style="list-style-type: none"> Are the role and responsibilities of the Chair of the institution and the Member Secretary serving the Governing Body clearly stated? 	<p>Yes</p> <ul style="list-style-type: none"> Bylaws and rules of Administrative Council clearly defined about the rules and responsibilities of the chair, secretary and other members Workshop was conducted for all members of Administrative Council about good governance.

MONITORING AND PROJECT OUTPUT/ OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
<ul style="list-style-type: none"> Does the Governing Body meet regularly? Is their clear evidence that members of the governing body attend regularly and participate actively? 	<p>Yes</p> <ul style="list-style-type: none"> Minimum 4 meetings per year. (Dates: 26/08/2014, 25/11/2014, 25/02/2015, 29/05/2015) The administrative Council meeting are conducted regularly All members attend regularly as seen from the minutes of Administrative Council and participate actively
Grade-1	EVALUATION GRADE FOR 2.1.1CUSING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)
D. EFFECTIVENESS AND PERFORMANCE REVIEW OF GOVERNING BODIES	
<ul style="list-style-type: none"> Does the Governing Body keep their effectiveness under regular review and in reviewing its performance, reflect on the performance of the institution as a whole in meeting its long-term strategic objectives and its short-term indicators of performance/success? 	<p>Yes-</p> <ul style="list-style-type: none"> Administrative Council Reviews the performance of the Head of the Institution & Institutional Activities. (results, placements, research, consultancy) etc. The administrative council reviews the performance of the institution as a whole as per the development plan. Administrative council meeting minutes reflect on the performance and long term strategic objectives of the institute
<ul style="list-style-type: none"> Does the Governing Body ensure that new members are properly inducted, and existing members receive opportunities for further development as deemed necessary? 	<p>Yes-</p> <ul style="list-style-type: none"> It is government aided institute. The new members are invited as per government and statutory bodies norms. All members of Administrative Council take responsibilities & active participation for the development of Institution.
Grade-1	EVALUATION GRADE FOR 2.1.1DUSING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)
E. REGULATORY COMPLIANCE	
<ul style="list-style-type: none"> Does the Governing ensure regulatory compliance* and, subject to this take all final decisions on fundamental matters of the institution. 	<p>Yes- It is a Government Aided Institution.</p> <ul style="list-style-type: none"> Governed by regulatory bodies Institution is Autonomous and therefore complied with various bylaws, ordinances and statutes. Fee structure is as per Govt. norms. Admissions are on merit basis as per State Govt. norms. Eligibility criteria is governed by University.
<ul style="list-style-type: none"> Does the regulatory compliance include demonstrating compliance with the 'not-for-profit' purpose of education institutions? 	<p>Yes-Government Aided Institution</p> <ul style="list-style-type: none"> Minutes of Administrative Council meeting clearly demonstrate compliance with not for profit purpose Funds generated are used for development of Infrastructure, research and other facilities.
<ul style="list-style-type: none"> Has there been accreditation and/or external quality assurance by a national or professional body? If so, give name, current status of accreditation etc. 	<p>Yes- Government Aided Institution</p> <ul style="list-style-type: none"> One UG program reaccredited and 5 UG programs are applied for accreditation 6 PG programs are accredited for 3 years All other UG and PG programs are in the process of applying for accreditation The institution is in the process of applying for NACC accreditation
Grade-1	EVALUATION GRADE FOR 2.1.1EUSING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)

TABLE 2.2 PROJECT MANAGEMENT, MONITORING & EVALUATION

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
A. Effectiveness of mentoring, reviews, surveys and audits conducted including: <ul style="list-style-type: none"> Increase in the achievement of the institutions goals and targets set out in the institutional Development Proposal 	Yes, Very good <ul style="list-style-type: none"> All key performance indicators are satisfied as per the 5th JRM. Performance of Institution evaluated by NPIU at 5th Joint Review meeting held on 6th July to 7th August 2015 on 9 Point basis is 9/9. Internal/External Academic Audit is in place To improve skills of teaching/non-teaching, TNA is carried out Time to Time suggestions given by mentor and performance Auditor are implemented.
B. Effective Project Management and Monitoring, Including: <ul style="list-style-type: none"> Precise and reliable information/ PERFORMANCE through web based MIS available to stakeholders at all time 	Good <ul style="list-style-type: none"> Web based MIS is well in place& regularly updated. Web based MIS PERFORMANCE is available to stake holders.
C. Effectiveness of faculty evaluation by students, including: <ul style="list-style-type: none"> Percentage/increase in percentage of faculty evaluated by students in one or more subjects Are results of evaluation properly used for teacher improvement? If yes, is the procedure adopted for teacher improvement including counseling appropriate and effective?	<ul style="list-style-type: none"> Yes At regular interval all faculty evaluation has been done. All faculties are evaluated by students in respective subjects at the mid of every semester. Every semester results of evaluation are discussed and used for teacher improvement. Counseling of teachers is done based on students. feedback by deans and HOD's of respective department.
Grade-1	OVERALL EVALUATION GRADE FOR 2.2 USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)

B) DATA AUDIT FORMS FOR YEAR 2014-15

NAME OF THE DATA AUDITOR :Dr. P.B. Daigavane

DATES OF DATA AUDIT : 23nd to 26th February 2016

S.N.	Particulars	FIGURE REPORT-ED IN MIS	VERIFIED FIGURE	INSTITUTIONAL DATA SOURCE	COMMENT
1. Information in respect to Bachelors programs in engineering/technology					
	• Number of UG programs conducted during 2014-15 academic year	06	06	06	1-5
	• Total number of UG students during 2014-15 academic year	1866	1866	1866	6-8
	• Total number of women students in UG programs during 2014-15 academic year	705	705	705	6-8
	• Total number of SC students in UG programs during 2014-15 academic year	216	216	216	6-8
	• Total number of ST students in UG programs during 2014-15 academic year	72	72	72	6-8
	• Total no. of OBC students in UG programs during 2014-15 academic year	364	364	364	6-8
	• Percentage of final year UG students during 2014-15 academic year placed through campus interviews	86.61 %	86.61 %	86.61 %	9-10
	• Percentage of final year UG students during 2014-15 that passed out with 75% or more aggregate marks	43.66%	43.66%	43.66%	11
	• Percentage of all 1 st year students [as at 1(b)] during 2014-15 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	89.73%	89.73%	89.73%	12-22
	• Percentage of 1 st year women students [as at 1(c)] during 2014-15 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	91.41%	91.41%	91.41%	12-22

S.N.	Particulars	FIGURE REPORT-ED IN MIS	VERIFIED FIGURE	INSTITUTIONAL DATA SOURCE	COMMENT
	• Percentage of 1 st year SC students [as at 1(e)] during 2014-15 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	86.96%	86.96%	86.96%	12-22
	• Percentage of 1 st year ST students [as at 1(e)] during 2014-15 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	42.31%	42.31%	42.31%	12-22
	• Percentage of 1 st year OBC students [as at 1(f)] during 2014-15 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	96.00%	96.00%	96.00%	12-22
2. Information in respect to Masters programs in engineering/technology					
	• Number of full-time Masters programs during 2014-15 academic year	10	10	10	23-27
	• Number of part-time and sandwich (Joint) Masters programs during 2014-15 academic year	---	---	---	---
	• Total number of students enrolled for all Masters programs during 2014-15 academic year	241	241	241	28-30
	• Number of faculty in-house enrolled for Masters programs during 2014-15 academic year	---	---	---	--
	• Number of students enrolled for all Masters programs during 2014-15 academic year with scholarship	203	203	203	31-36
	• Number of students enrolled for all Masters programs during 2014-15 academic year with TEQIP assistantship	30	30	30	36-39
	• Total number of women students in all Masters programs during 2014-15 academic year	86	86	86	28-30
	• Total number of SC students in all Masters programs during 2014-15 academic year	60	60	60	28-30
	• Total number of ST students in all Masters programs during 2014-15 academic year	9	9	9	28-30
	• Total number of OBC students in all Masters programs during 2014-15 academic year	95	95	95	28-30
	• Percentage of final year Masters students during 2014-15 academic year placed through campus interviews	59.18%	59.18%	59.18%	40-41
	• Percentage of final year Masters students during 2014-15 that passed out with 75% or more aggregate marks	76.44%	76.44%	76.44%	42-49
3. Information in respect to Doctoral programs					
	• Number of Doctoral candidates on roll up to March 31, 2015	78	78	78	50-57
	• Number of in-house faculty enrolled for Doctoral programs during 2014-15 academic year	3	3	3	58
	• Number of students enrolled for Doctoral programs during 2014-15 academic year with scholarship	4	4	4	59
	• Number of students enrolled for Doctoral programs during 2014-15 academic year with TEQIP assistantship	---	---	---	---
4. Information in respect to Faculty					
	• Total number of regular full-time faculty including adjunct and emeritus faculty during 2014-15 academic year	138	138	138	60-63
	• Total number of regular full-time faculty in engineering disciplines excluding adjunct and emeritus faculty during 2014-15 academic year	72	72	72	64-65
	• Number of regular full-time faculty in engineering disciplines with Masters degree as their highest qualification excluding adjunct and emeritus faculty during 2014-15 academic year	45	45	45	66

S.N.	Particulars	FIGURE REPORT-ED IN MIS	VERIFIED FIGURE	INSTITUTIONAL DATA SOURCE	COMMENT
	• Number of regular full-time faculty in engineering disciplines with Doctoral degree as their highest qualification excluding adjunct and emeritus faculty during 2014-15 academic year	25	25	25	67
	• Number of regular full-time faculty in engineering disciplines with Bachelors degree as their highest qualification faculty during 2014-15 academic year	2	2	2	68
	• Number of faculty with Bachelors degree which are enrolled in-house for Masters programs in parent institution during academic year 2014-15: • Engineering teachers: • Applied Science teachers: • Other teachers:	-- -- --	-- -- --	-- -- --	-- -- --
	Number of faculty with Bachelors degree which are enrolled in-house for Masters programs at other institutions during academic year 2014-15: • Engineering teachers: • Applied Science teachers: • Other teachers:	-- -- --	-- -- --	-- -- --	-- -- --
	Number of faculty with Masters degree which are enrolled in-house for PhD programs in parent institution during academic year 2014-15: • Engineering teachers: • Applied Science teachers: • Other teachers:	-- -- --	-- -- --	-- -- --	-- -- --
	Number of faculty with Masters degree which are enrolled in-house for PhD programs at other institutions during academic year 2014-15: • Engineering teachers: • Applied Science teachers: • Other teachers:	3 -- --	3 -- --	3 -- --	69 -- --
	Number of faculty that have attended a professional training program of 5 or more days duration during 2014-15 academic year	24	24	24	70-72
	Number of all faculty (irrespective of specialization) that have attended the Basic Module of pedagogy training during 2014-15 academic year	6	6	6	73
	Number of all faculty (irrespective of specialization) that have attended both the Basic and Advanced Modules of pedagogy training during 2014-15 academic year	17	17	17	74
	Number of faculty appraised by students during 2014-15 academic year	138	138	138	60-63, 75-82
5. Information in respect to Accreditation of Programs (14-15)					
	• Number of UG programs accredited	01	01	01	83-88
	• Number of UG programs for which accreditation applied for	05	05	05	83-88
	• Number of PG programs accredited	02	02	02	83-88
	• Number of PG programs for which accreditation applied for	05	05	05	83-88
6. Information in respect to research and patents					
	• Number of research publications in Indian refereed journals during the 2014-15 academic year	---	---	---	---
	• Number of research publications in International refereed journals during the 2014-15 academic year	63	63	63	89-96
	• Number of research publications co-authored with faculty/ researchers/ industry experts from outside the institution	14	14	14	97-98
	• Number of patents in engineering related areas obtained during the 2014-15 academic year	---	---	---	---
	• Number of patents in engineering related areas filed during the 2014-15 academic year	01	01	01	99-102

S.N.	Particulars	FIGURE REPORT-ED IN MIS	VERIFIED FIGURE	INSTITUTIONAL DATA SOURCE	COMMENT
	• Number of sponsored research project completed during the 2014-15 academic year (M. Tech. Industry Sponsored Projects)	60	60	60	103-112
	• Number of MOUs signed for collaborative programs with Indian industry and R&D organizations	11	11	11	113-157
	• Number of MOUs signed for collaborative programs with International academic institutions and R&D organizations	01	01	01	158-163
7. Information in respect to Finances					
	• Amount received as Block Grant during the 2014-15 academic year (Rs. In Lakhs)	NIL	NIL	NIL	164-174
	• IRG ¹ from students' tuition fee and other charges during the 2014-15 academic year (Rs. In Lakhs)	293.98	293.98	293.98	164-174
	• IRG from externally funded R&D projects and consultancies during the 2014-15 academic year (Rs. In Lakhs)	20.83	20.83	20.83	164-174
	• Total IRG during the 2014-15 academic year (Rs. in Lakhs)	314.81	314.81	314.81	164-174
	• Total annual recurring expenditure during the 2014-15 academic year (Rs. In Lakhs)	2635.29	2635.29	2635.29	164-174
	• Amount available in Corpus Fund on March 31, 2015	41.39	41.39	41.39	164-174
	• Amount available in Faculty Development Fund on March 31, 2015	52.19	52.19	52.19	164-174
	• Amount available in Equipment Replacement Fund on March 31, 2015	41.39	41.39	41.39	164-174
	• Amount available in Maintenance Fund on March 31, 2015	41.39	41.39	41.39	164-174
8. With respect to Institutional Governance/ Management					
	• Number of BoG meeting held during the 2014-15 academic year (with minutes on the web)	4	4	4	175-179
	• Number of institutional functionaries (Deans, HoDs, senior faculty and senior officials) that have undergone Management Capacity Enhancement training	9	9	9	180-184

C) STATUTORY AUDIT REPORT 2014-15:

Balance Sheet As on 31st March 2015:

(Amount in Rs.)				
S.No.	PARTICULARS	S.N.	2014-15	2013-14
A	SOURCE OF FUNDS			
	1) Amount received from:			
	SPFU		4,00,00,000	2,00,00,000
	Add: Balance brought forward		1,87,64,398	1,57,08,794
	2) Institute's Own Contribution		-	-
	3) Excess of Expenditure over Income		(1,08,76,305)	(1,69,44,396)
	TOTAL		4,78,88,093	1,87,64,398
B	APPLICATION OF FUNDS			
	1) Fixed Assets		4,89,75,890	3,16,64,321
	2) Work in progress -Scheme work under implementation		-	-
	3) A. Current Assets, Loans and Advances			
	a. Cash Balance		34	3,282
	b. Bank balance		24,90,217	4,88,985
	c. Advance for Capital goods		-	-
	d. Loans and Advances	1	1,79,459	4,04,862
			26,69,710	8,97,129
	B. Less: Current Liabilities	2	37,57,507	1,37,97,052
	Net Current Assets (A-B)		(10,87,797)	(1,28,99,923)
C	TOTAL		4,78,88,093	1,87,64,398

Income and Expenditure Account

EXPENDITURE				INCOME		
	Particulars	2014-15	2013-14		2014-15	2013-14
To	Procurement of Goods	-	-	By	Institutes' Own Contribution	-
To	Teaching & Research Assistantships	52,60,429	36,53,279	By	Interest Income	3,98,073
To	Enhancement of R & D and Institutional Consultancy activities	(44,06,690)	62,71,974	By	Other Misc. Income	1,02,500
To	Faculty and staff development for improved competence	36,10,858	44,61,350			
To	Enhanced interaction with industry	17,56,010	11,14,744			
To	Institutional management capacity enhancement	14,97,191	4,04,085			
To	Implementation of Institutional academic reforms	11,03,301	2,640			
To	Academic support for weak students	13,46,842	7,79,326			
To	Incremental operating Cost	11,06,436	12,46,396			
To	Excess of Income over Expenditure	(1,08,76,305)	(1,69,44,396)			
	Total	3,98,073	9,89,398		Total	3,98,073
						9,89,398

Receipt and Payment Account

RECEIPTS				PAYMENTS			
S.No.	Particulars	2014-15	2013-14	S.No.	Particulars	2014-15	2013-14
1	Opening Balance			1	Activity/Category of Expenditure		
	a) Cash	3,282	6,137		Procurement of Goods	1,73,11,569	2,75,76,272
	b) Bank	4,88,985	15,45,608		Teaching & Research Assistantships	52,60,429	36,53,279
	c) FDR	-	1,00,00,000		Enhancement of R & D and Institutional Consultancy activities	(44,06,690)	62,71,974
2	Received From:				Faculty and staff development for improved competence	36,10,858	44,61,350
	MHRD	-	-		Enhanced interaction with industry	17,56,010	11,14,744
	State Govt.	-	-		Institutional management capacity enhancement	14,97,191	4,04,085
	SPFU	4,00,00,000	2,00,00,000		Implementation of Institutional academic reforms	11,03,301	2,640
					Academic support for weak students	13,46,842	7,79,326
3	Project Implementing authority through external assistance	-	-		Incremental operating Cost	11,06,436	12,46,396
4	Institute's Own Contribution	-	-	2	Loans & Advances	17,26,625	12,89,866
5	Interest Income	3,98,073	8,86,898	3	Institutes Own Contribution	-	-
6	Recovery of Loans and Advances	19,52,028	9,54,004	4	Other Misc. Payments	2,02,74,006	-
7	Other Misc. Receipts	1,02,34,461	1,38,99,552	5	Closing Balance		
					Cash	34	3,282
					FDR/TDR	-	-
					Bank	24,90,217	4,88,985
	Total	5,30,76,829	4,72,92,199		Total	5,30,76,829	4,72,92,199

Loans and Advances

S. No.	Particulars	2014-15	2013-14
1	To Others:		
	Opening Balance	4,04,862	69,000
	Add: Advances given during the year	17,26,625	12,89,866
	Less: Advances recovered during the year	19,52,028	9,54,004
	Closing Balance	1,79,459	4,04,862

Current Liabilities

S. No.	Particulars	2014-15	2013-14
1	L.B.T. (TEQIP II)	96	-
2	Performance Security Deposit	2,57,411	2,97,052
3	Loan From Institute	35,00,000	1,35,00,000
	Total	37,57,507	1,37,97,052

Interest Earned

Bank A/c	2014-15	2013-14
Main Fund	1,58,534	1,36,910
Fixed Deposit	2,39,539	7,49,988
TOTAL	3,98,073	8,86,898

Other Misc. Receipts

Head	2014-15	2013-14
Internal Revenue	-	1,02,500
Temporary Loan From Activity A/c	35,00,000	-
PROFESSIONAL TAX	4,750	-
Tax Deducted at Source	2,36,363	-
L.B.T. (TEQIP II)	4,43,943	-
Temp.Loan From College Account	50,00,000	1,35,00,000
Performance Security Deposit	10,49,405	2,97,052
TOTAL	1,02,34,461	1,38,99,552

Funds Received from SPFU

Vide letter No.	Date	2014-15	2013-14
<u>DTE/SPFU/Fund release/2014-15/162</u>	9/10/2014	4,00,00,000	2,00,00,000
Total		4,00,00,000	2,00,00,000

Balance Sheet

Sr.No.	Particulars	Gross Balance as on 01.04.2014	Addition during the year	Deletion during the year	Gross balance as on 31.03.2015
1	Civil Work	-	-	-	-
2	Equipment	1,43,98,309.00	1,24,34,935.00	-	2,68,33,244.00
3	Furniture	-	-	-	-
4	Books & learning Resources	53,89,532.00	20,90,166.00	-	74,79,698.00
5	Software (For some items Hardware included)	1,18,76,480.40	27,86,468.00	-	1,46,62,948.40
6	Consultant Services	-	-	-	-
Total		3,16,64,321.40	1,73,11,569.00	-	4,89,75,890.40

Reconciliation Statement between FMR and Audit Report

Sr.N.	PARTICULARS	2014-15
A	Expenditure as reported in Financial Monitoring Report (FMR)	2,85,85,850
B	Less:	
	1) Expenditure incurred but not paid, to be considered in subsequent period	-
	2) Difference between expenditure as per books of account and expenditure reported in FMR	(97)
	Expenditure to be considered for FMR	2,85,85,947
C	Less:	
	1) Expenditure reported in FMR but not allowable as per TEQIP-II guidelines	-
D	Add:	
	1) Expenditure not reported in FMR but allowable as per TEQIP-II guidelines	-
E	Expenditure as per Audited Report	2,85,85,947

Statement of Sources and Application of Funds

S.N.	PARTICULARS	2014-15	2013-14	2012-13	Project to date
SOURCES OF FUND					
A	Opening Balance (A)	(1,28,99,924)	1,16,20,744	-	-
B	Receipts				
	A. Funds from Government through Budget (These will include external assistance received by Government for the project.)	4,00,00,000	2,00,00,000	2,00,00,000	8,00,00,000
	B. Funds received directly by Project Implementing authority through external assistance	-	-	-	-
	C. Cost share by Private Unaided Institutions for Component 1	-	-	-	-
	D. Institution's Own Contribution	-	-	-	-
	E. Interest Earned	3,98,073	8,86,898	4,22,828	17,07,799
	F. Other Misc. Receipts	-	1,02,500	-	1,02,500
C	Total Receipts (B)	4,03,98,073	2,09,89,398	2,04,22,828	8,18,10,299
D	Total Sources (= A+B)	2,74,98,149	3,26,10,142	2,04,22,828	8,18,10,299
USES OF FUND					
E	Expenditures by Component				
	A. Procurement of Goods	1,73,11,569	2,75,76,272	40,88,049	4,89,75,890
	B. Teaching & Research Assistantships	52,60,429	36,53,279	7,64,172	96,77,880
	C. Enhancement of R & D and Institutional Consultancy activities	(44,06,690)	62,71,974	3,81,477	22,46,761
	D. Faculty and staff development for improved competence	36,10,858	44,61,350	12,99,853	93,72,061
	E. Enhanced interaction with industry	17,56,010	11,14,744	2,00,732	30,71,486
	F. Institutional management capacity enhancement	14,97,191	4,04,085	3,54,751	22,56,027
	G. Implementation of Institutional academic reforms	11,03,301	2,640	14,73,615	25,79,556
	H. Academic support for weak students	13,46,842	7,79,326	32,100	21,58,268
	I. Incremental operating Cost	11,06,436	12,46,396	2,07,335	25,60,167
F	Total Expenditures (E)	2,85,85,947	4,55,10,066	88,02,084	8,28,98,097
G	Closing Balance (D-F)	(10,87,798)	(1,28,99,924)	1,16,20,744	(10,87,798)

Reconciliation of Claims to Total Applications of Funds

Particulars	Schedules	Rs. In Lacs			
		2014-15	2013-14	2012-13	Project to Date
Bank Funds claimed during the year (A)		171.52	273.06	52.81	497.39
Total Expenditure made during the year (B)		285.86	455.10	88.02	828.98
Less:					
Outstanding bills (C)		-	-	-	-
Ineligible expenditures (D)		-	-	-	-
Expenditures not claimed (E)		-	-	-	-
Total Eligible Expenditures Claimed (F)=(B)-(C)-(D)-(E)		285.86	455.10	88.02	828.98
World Bank Share @ 60 x% of (F) above (G)		171.52	273.06	52.81	497.39

Utilization Certificate

Sr. No	Particulars	Amount (Rs.)
a)	Opening Balance as on 1st April 2014	(1,28,99,924)/-
b)	Funds received from SPFU Vide letter No DTE/SPFU/Fund release/2014-15/246 dated 10th sept. 2014	4,00,00,000/-
c)	Interest earned on grant available for TEQIP - II only during the year (31st March 2015)	3,98,073/-
d)	Other Income	Nil
e)	Expenditure	2,85,85,947/-
f)	Unspent Balance	(10,87,798)/-

Bank Reconciliation Statement

Sl. No.	Particulars	2014-15
A	Balance as per Bank Statement	53,55,467
	ADD:	
B	(i) Amount Deposited but not credited by bank	
	(ii) Amount debited but not taken to Cash Book	100
C	SUB TOTAL (A+B)	53,55,567
D	Less:	
	i. Cheque issued but not presented in the bank (as per annexure 1)	28,65,350
	ii. Amout Credited by Bank but not taken to Cash Book	-
E	Balance as per Cash book (C-D)	24,90,217



5th Performance and Data Audit of TEQIP: Performance Auditor Dr. K. Balaveera Reddy and Data Auditor Dr P.B. Daigavane: February 22-24, 2016

5.4 Statistical information of Last 4 Years Activities Sponsored Under TEQIP-II

WALCHAND COLLEGE OF ENGINEERING, SANGLI TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAM (PHASE-II)

Component wise Information of WCE, Sangli

(From April to March)

Component	2012-13		2013-14		2014-15		2015-16		Total	
	No. of Activities	No. of persons	No. of Activities	No. of persons	No. of Activities	No. of persons	No. of Activities	No. of persons	No. of Activities	No. of persons
No. of Journals publications by faculty	28	31	26	27	30	33	34	34	118	125
No. of Workshop attended by Faculty	19	45	24	37	29	126	23	71	95	279
No. of Training attended by Faculty	17	22	26	43	25	40	24	44	92	149
No. of Seminar attended by Faculty	2	4	7	12	7	7	4	6	20	29
No. of Symposium attended by Faculty	0	0	2	4	2	5	1	1	5	10
No. of Training/ Workshop/ seminar/ Symposium attended by Faculty	38	71	59	96	63	178	52	122	212	467
No. Paper Presentation in conf. attended by Faculty	28	32	24	21	20	20	22	19	94	92
No. of Conference attended by Faculty	35	40	23	23	21	24	20	20	99	107
No. of Workshop attended by Staff	2	11	8	278	5	31	7	145	22	465

Component	2012-13		2013-14		2014-15		2015-16		Total	
	No. of Activities	No. of persons	No. of Activities	No. of persons	No. of Activities	No. of persons	No. of Activities	No. of persons	No. of Activities	No. of persons
No. of Training attended by Staff	3	5	8	100	5	8	6	11	22	124
No. of Seminar attended by Staff	0	0	1	1	0	0	1	1	2	2
No. of Symposium attended by staff	0	0	0	0	0	0	0	0	0	0
No. of Training/ Workshop/ Symposium/	5	16	17	379	10	39	14	157	46	591
No. of Conference attended by Staff	0	0	1	1	0	0	0	0	1	1
No. of Workshop conducted by depart-	22	0	21	0	22	0	18	0	83	0
No. of Training conducted by department/	5	0	13	0	16	0	11	0	45	0
No. of Seminar conducted by department/	4	0	4	0	1	0	4	0	13	0
No. of Symposium conducted by depart-	0	0	0	0	0	0	0	0	0	0
No. of Training/ Workshop/ Seminar/ Symposium conducted by department/	31	0	38	0	39	0	33	0	141	0
No. of Conference conducted by depart-	0	1	0	0	0	0	0	0	0	1
No. of Sponsored Projects (Dessertation)	0	0	0	0	6	6	6	6	12	12
No. of Guest Lectures conducted	6	0	19	0	28	0	33	0	86	0
No. of Papers published in Journal by Stu-	22	27	24	24	29	36	30	30	105	117
No. of Workshop attended by Students	5	37	8	17	14	87	16	71	43	212
No. of Training attended by Students	2	13	5	16	7	18	9	22	23	69
No. of Seminar attended by Students	5	5	14	17	1	4	0	0	20	26
No. of Symposium attended by Student	0	0	0	0	0	0	0	0	0	0
No. of Training/ Workshop/ Symposium/ Seminars attended by Students	12	55	27	50	22	109	25	93	86	307
No. of papers published in Conf. by Stu-	24	24	38	42	23	24	79	79	164	169
No. of Conf. Attended by Students	25	25	40	62	26	34	82	86	173	207
No. of Industrial Visits by Students	0	0	11	322	17	776	18	600	46	1698
No. of Industrial Visits by Staff	0	0	7	44	6	48	4	12	17	104
No. of Industrial Visits by Faculty	1	1	14	23	36	81	41	85	92	190

6. DIPLOMA WING ANNUAL ACTIVITIES

6.1 Admission Details 2015-16

Intake percentage cut-off comparison with Govt. Poly. Pune

Sr. No.	Diploma Program	Dip. Intake	Admitted 2015-16	WCE, Sangli	G.P. Pune
1	Civil	40+2=42	41	95.60 %	94.20 %
2	Mechanical	60+3=63	64	96.00 %	94.80 %
3	Electrical	60+3=63	63	96.00 %	94.00 %
4	Ind. Electronics	40+2=42	41	94.60 %	92.80 %
Total		210	209		

6.2 Board Rank-holders in 2015 MSBTE Exam

Sr. No.	Name of the student	Department	State Rank
1	Hazare Pragati Prithviraj	Ind. Electronics	First
2	Satpute Yogita Satish	Ind. Electronics	Third
3	Sherkar Samina Sirajuddin	Ind. Electronics	Third

6.3 Co-Curricular Activities of the Students

Boys and lady students participate in most of the events at IDESSA and other sports events.

Sr. No.	Name of the event	Achievements
1	Cricket : Boys	Participated
2	Volleyball (Girls)	Participated
3	Football (Boys)	Participated
4	Table-tennis (Boys)	Participated
5	Table-tennis (Girls)	Participated
6	Chess (Boys)	Participated
7	Chess (Girls)	Zonal Winner
8	Badminton	Participated
9	Athletics (Boys)	Participated

Extra-Curricular Activities

- Students were deputed for paper presentation competitions at various places.
- Civil: 6, Electrical:4, Mech.: 6 Ind.Eln: 2 papers
- Students were also deputed for technical quiz by each department.
- Civil: 4, Mechanical: 6, Elec.:4, Ind. Eln.:2 quizzes
- Engineer's Day, Teacher's Day, Women's Day, National Unity Day are celebrated with great enthusiasm.
- "Waltronics-2015" MSBTE Sponsored technical Paper Conference was organized by Industrial Electronics dept.
- Blood donation camp was arranged by students in association with Shirgaonkar blood bank.
- Tree plantation done by students on all important days in college.
- Swatch Bharat Abhiyaan activity was successfully implemented on Gandhi Jayanti
- First prize at Vision 2016 by students in Ind.Eln. Dept. for Best Paper presentation.

6.4 Faculty and Extended Activities

- Consistently "Excellent" gradation in all previous Academic Monitoring of MSBTE.
- Active partnership of all teachers in all MSBTE, DTE and college activities.
- WCE, Sangli chosen as "Project Institute" for model answer preparation for Electrical Dept.

- Mr. V. V. Sulakhe, Industrial Electronics Dept. is awarded PhD degree in 2016.
- Institute selected as Lab Manual Development Centre for Electrical Engg.
- Mr. V. V. Sulakhe and Dr. A. A. Agashe worked as referee for MSBTE Tech. Quiz competition.
- Mr. D.B.Urunkar and Mr. B.A.Anuse worked as referee for Paper presentation.
- Mr.S.V.Chikurde, "Geo-Information Technology for Web-Mapping Application" International Journal of Advanced Research in Computer and Communication Engineering. Vol 5 issue 3 March 2016. DOI 10.14148/IJARCCCE2016.53141 Impact factor 5.332

Seminars and Workshops Conducted

- Mr.S.V.Chikurde, Completed two weeks course on "Advances in GIS" conducted by National Remote Sensing Centre NRSC-ISRO, Hyderabad during 6-17 July 2015.
- Dr Mrs AA Agashe participated CE & QIP program on "Solar Photovoltaic for Master Trainers of Technicians" organized by IIT Bombay from 31-8-2015 to 4-9-2015.
- Conducted Entrepreneurship Development Camp for the benefit of TY students in October 2015, for Two Days with the association of DIC Sangli.
- Dept. of Electronics Engg. (PW) conducted MSBTE sponsored State Level Technical Paper Competition on 7th October 2015. In all 40 papers from Pune and Mumbai regions were selected for presentation from the 67 entries.
- Mr.S.V.Chikurde, Worked as Program Coordinator for Indian Institute of Remote Sensing (IIRS) three months outreach program on "RS, GIS & GNSS" during Aug 10 to Nov 27, 2015.
- Mr HR Agnihotri and Dr.B.B. Vhanakhande have attended Content updating programme on 'Engineering Physics' conducted by IIT, Bombay, during 8th to 18th Dec, 2015 and 'Research Methodology' conducted by WCE, Sangli under TEQIP II during 4th to 5th March, 2016.
- Mr RG Bhosale & Mr JY Mane participated in MSBTE sponsored FTP at organized by SGGI Atigre from 4-1-2016 to 8-1-2016. Mr AR Bhosale & Mr SS Kamble in MSBTE sponsored FTP at organized by SBGI Miraj during 28-12-2015 to 1-1-2016.
- CDTP Program was conducted from the grant of AICTE of Rs. 10 lakhs. WCE is the one of four institute selected in Maharashtra.
- Industry experts were invited for delivering Guest lectures for the benefit of students in each department. Civil: 10 lectures, Mechanical: 10, Electrical: 6, Ind. Eln: 7 lectures
- Mr.S.V.Chikurde,Delivered an expert lecture at Post Graduate Diploma in Geo-informatics on "Advanced Surveying & GIS" at at Shivaji University, Kolhapur on 10.01.2016.
- Mr.S.V.Chikurde, Completed one week STTP TEQIP program on "Remote Sensing and GIS Applications in Hydrology" at Indian Institute of Technology IIT, Roorkee during 27-31 Jan 2016.
- Mr.S.V.Chikurde,Delivered an expert lecture at National Level Workshop on "Geoinformatics and GeoDesign" at Sanjeevan Engineering and Technology Institute, Panhala on 03.02.2016.
- Mr.S.V.Chikurde, Completed one day workshop of "Hub & Spoke Model and Spoken Tutorial" at RBTE, Pune on 24.02.2016.
- Mr.S.V.Chikurde, Worked as Program Coordinator for Indian Institute of Remote Sensing (IIRS) five weeks outreach program on "Geospatial Technology for Urban Planning" during Feb 11 to Mar 15, 2016.

Extended Activities

Our Institute is the main centre for Community Development Activities. In addition to Sangli we also work in nearby villages: Bamnoli, Vita, Kandur, Tasgaon, Jat and Budhgaon. Following Courses are conducted for Unskilled workers at free of cost:

- Foundry Technology
- Building Supervisor
- Electrician
- Beauty Parlor
- Computer Hardware
- Computer Accounting
- Mobile Repairing
- Computer Marathi typing
- Tailor Ladies
- Garment Making
- Bamboo Art
- Office Automation, etc.

Courses Conducted in 2015-16

1	Courses conducted	24
2	Enrolled Candidates	615
3	Trained Candidates	575
4	Employed / Self employed	366*
5	Percentage of employment	64%*

Technology Dissemination 2015-16

S.N.	Name of Technology	No. of Villages Covered		No. of Beneficiaries	
		Target	Achievement	Target	Achievement
1.	Solar Water Heater/ Cooker	05	5	50	169
2.	Biogas Plant	05	0	25	0
3.	Rain Water Harvesting	05	2	25	40
4.	Solar Lighting System	05	3	25	149
5.	Smokeless Chulla (New Model)	05	9	25	217
	Total	25	19	150	575

Technical & Support Service 2015-16

S.N.	Type of Technical and Support Services provided to villagers / community	No. of Village Covered		No. of Beneficiaries	
		Target	Achievement	Target	Achievement
1.	Soil Testing	02	2	150	100
2.	Water Testing	05	5	100	200
3.	L.P.G. use & safety	02	2	500	300
4.	Repair & Maintenance of sewing machine	05	3	150	45
5.	Recharge of Well / Ponds	02	2	500	20
	Total	16	14	1400	665

Man Power Development



Building Supervisor



Mobile Repairing at Jat



Ladies Tailor Course at Bamnoli



Electrician Course at Sangli

Technical and Support Service



Survey, Design & Supervision for Small concrete Dams At Benapur – Agrani River rejuvenation project.

Recharge of well at Gomewadi

Social Service



Village Survey by TY Civil at Haripur



Health Check-up at WCE, Sangli

Technology Dissemination



100 ton sugarcane per acre



Paneer making at Padmale, Khatav.

Awareness Programmes



Solar Energy Camp at Sangli



Sarai cooker information at Miraj

6.5 Industry Institute Interactions and Placements 2015-16

- Dept. of Electronics Engg. (PW) arranged Industrial visit at Datta sugar factory & Urjankur Pvt. Ltd. on 26/08/2015 and Magnewin magnetics on 02/09/2015 for S.Y. DIE students.
- Dept. of Electronics Engg. (PW) arranged Industrial visit at Samruddhi Industries, System and Control, Fine Balancing in Sept. 2015 for T.Y. DIE students.
- Dept. of Electronics Engg. (PW) arranged Industrial visit at Chitale dairy on 22/01/2016 and HP-LPG plant on 22/01/2016 for S.Y. DIE students.
- Dept. of Electronics Engg. (PW) arranged workshop on PCB design and Proteus software during 6,7/02/2016 for S.Y. & T.Y. DIE students, 56 students participated in the workshop.
- Mr. S. V. Chikurde conducted 20 days workshop on AutoCad for 128 PWD engineers generating revenue of Rs.5.24 Lakhs.
- Mr. A. V. Kamble completed pipe-testing for various local industries
- Industrial Visits for students arranged in each departments:
- Civil: 12, Mechanical:10, Electrical: 4, Ind. Eln: 7 visits.
- Industry based projects were undertaken in each department:
- Civil: 2, Mechanical: 6, Electrical:0, Ind. Eln: 1 projects
- Deputed students for industrial/ on-site training during summer vacation after 2nd year.
- Civil: 31, Mechanical:22, Electrical:60, Ind. Eln.: 38

Placement 2015-16

The final year students are recruited through campus interviews. The salary packages, offered by the companies, range from 1.20 to 2.00 lakhs P.A. and perks like LTC, subsidized canteen, transport, uniform, etc. This year, 8 companies conducted the campus interviews.

The placement office, also, organized Vocational Training for second year students at different manufacturing industries, sugar industries, textile industries, M.S.E.B. offices, various engineers and contractors, maintenance repair and services workshop in the vicinity of the student's residence or as per the convenience of students and work places.

Placements: Year wise

Department	Civil	Mech	Elect	Industrial Electronics	Total
2013-14	2	23	2	2	29
2014-15	5	43	3	2	53
2015-16	4	29	3	0	36


 Placements: Branch wise

Branch	Civil	Mech	Elect	Industrial Electronics	Total
No. of Students	44	70	76	47	237
2015-16 Placement	4	29	3	0	36

Companies Visited

Following table gives the details of the companies, visited along with the salary and number of jobs, offered.

Sr. No.	Name of Company	No. of Offers	Branch	Salary Rs.Lakh/year
1.	Cummins India Ltd. Pune	5	Mechanical - 5	1.20
2.	ShapoorjiPallonji, Mumbai	4	Civil – 4	2.00
3.	Thermax India Ltd. Pune	1	Mechanical – 1	2.00
4.	Bajaj Auto Ltd. Pune	7	Mechanical – 2	1.20
			Electrical – 2	
			Ind. Electronics- 3	
5.	Bharat Forge, Pune	3	Mechanical – 1	1.44
			Electrical – 2	
6.	PARI, Shirwal Pune	8	Mechanical – 8	1.69
7.	Tata Motors, Pune	5	Mechanical – 3	1.00
			Electrical – 2	
8.	SKF Bearings, Pune	3	Mechanical – 3	1.44

Following table gives the information about students having job in hand:

Branch	Total
Civil	4
Mechanical	5
Electrical	3
Ind. Electronics	0

Students opted for Higher Education

Department	Civil	Mech	Elect	Ind. Eln.	Total
2014-15	35	43	55	41	174
2013-14	35	40	62	49	186
2012-13	29	46	60	43	178

Social Programs conducted through Community Development through Polytechnic (2015-16)

SN	Title of the Program	Dates		No. of Participants Total	Female	Location
		From	To			
1	Computer Aided Drawing	01-07-2015	30-09-2015	23	23	WCES
2	Electrician	07-07-2015	06-10-2015	21	0	WCES
3	Beauty Parlor	07-07-2015	06-10-2015	21	21	WCES
4	Office Automation	15-07-2015	14-10-2015	22	15	Kandur
5	Computer Office Accounting	01-08-2015	31-10-2015	19	14	WCES
6	Electrician	01-08-2015	31-10-2015	16	0	Jat
7	Mobile Repairing	01-08-2015	31-10-2015	21	0	Jat
8	Mobile Repairing	01-08-2015	31-10-2015	20	0	WCES
9	Computer Fundamentals, MS Office	01-08-2015	31-10-2015	19	13	WCES
10	Bamboo Art Work	10-08-2015	09-10-2015	30	24	Bamnoli
11	Tailor Ladies	12-08-2015	11-11-2015	21	21	Vita
12	Office Automation & DTP	24-08-2015	23-11-2015	21	18	Vita
13	Electrician	01-09-2015	30-11-2015	21	0	Vita
14	Tailor Ladies	01-12-2015	29-02-2016	28	28	Bamnoli
15	Computer Office Accounting	16-12-2015	15-03-2016	17	3	WCES
16	Mobile Repairing	16-12-2015	15-03-2016	16	0	WCES

Glimpses of WCE



Fifth Graduation Ceremony 29th May 2015: Chief Guests: Shri Nitin Gadkari, Minister of Road Transport, Highways & Shipping; Shri Chandrakant (dada) Patil, Minister for Co-operation, Marketing and Textiles, Public Works and Guardian Minister of Sangli; Dr.A.S.Bhoite, In-charge, V.C. Shivaji Uni. Kolhapur; as a Guest of Honors



Padma Vibhushan Dr Anil Kakodkar and Dr. A. V. Sapre, from RGSTC visited WCE Sangli on 2nd May 2015

Vision

To produce capable graduate engineers with an aptitude for research and leadership.

Mission

- To impart quality education through demanding academic programs.
- To enhance career opportunities for students through exposure to industry.
- To promote excellence by encouraging creativity, critical thinking and discipline.
- To inculcate sensitivity toward society and a respect for the environment.

Objective

- Achieve excellence in learning and research through continual improvement in both content and delivery of the academic programs.
- Promote close interaction among industry, faculty and students to enrich the learning process and enhance career opportunities for students.
- Develop state-of-the-art laboratories and other infrastructure commensurate with the need of delivering quality education and research services.
- Strengthen the Institution through network of alumni and optimize use of resources by leveraging inter-departmental capabilities.
- Provide opportunities and ensure regular skill up-gradation of faculty and staff through structured training programs.

Quality Policy

To strive for excellence in academic and research programs in order to achieve proficiency in students by adopting continually improving standards to the learning process.

Our Inspiration



Shri. Ajit Gulabchand
Chairman, Administrative Council

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