



Established in 1947

Walchand College of Engineering

An Autonomous Institute Approved by AICTE

Our Strengths

- All Departments are NBA Accredited
- NAAC Accredited with 'A' Grade
- 4th Ranking Institute in Maharashtra
- Granted: TEQIP Phase I, II, III
- State of Art Library
- High Quality of Education
- Interdisciplinary Subjects
- Student Transfer Scheme
- 100% Placement and Internship
- Research Centre Affiliated to SUK
- Active Participation in Sports



Industry Sponsored
Research Centres and MoUs



WCE ANNUAL REPORT 2016-17

OUR ACADEMIC TOPPERS

(AY 2016-17 Result Declared on June 2017)

UG		Mechanical	Civil	Electrical	CSE	IT	Electronics
F. Y. B. Tech.							
	Mayuri Mahadev Palav	Vishvesh Hanumantrao Kodihal	Shreyas Rahul Wakankar	Jinesh Selvadasan Nadar	Urvi Ulhas Mandge	Shivkumar Haresh Sharma	
S. Y. B. Tech.							
	Manthan Nitin Dhisale	Akshay Ramchandra Hande	Vijay Ramchandra Gole	Hrishikesh Bhaskar Kulkarni	Vatsala Satpal Singh	Ritu Sharad Patil	
T. Y. B. Tech.							
	Mahesh Pralhad Nanavare	Omkar Ashok Kadam	Kartik Kumar Patil	Deepak Tatyaji Ahire	Abhinav Ajaykumar Shirur	Mayoddin Shabbir Nathani	
Final B. Tech.							
	Akash Hindeshwar Kapase	Ayesha Ibrahim Tamboli	Priya Basavaraj Neji	Ashok Chandrashekhar Patrudkar	Shital Bajrang Gaikwad	Shivraj Suhas Jadhav	

PG		Production	Heat Power	Design	Environmental	Structural	Control System	Power System	CSE	CSE-IT	Electronics
F. Y. M. Tech.											
	Nilesh Vijay Desai	Swapnil Navnath Jadhav	Rohit Mohan Kodole	Shreeniwas Madhav Sathe	Yash Parag Shah	Nupoor Nandkumar Patil	Punam Dilip Borkar	Gaurav Vinodrao Deshmukh	Rashmi Aba Mestri	Poornima Pomsing Rathod	
S. Y. M. Tech.											
	Rhurtaraj Babasaheb Jagtap	Amol Dayanand Malunjkar	Akshay Bahubali Shah	Aniket Nandkumar Sharma	Tejomay Jalindar Bhosale	Pranot Tanaji Mane	Aabid Chandbasha Mulla	Vishal Pundalik Patil	Pooja Netajirao Nimbalkar	Pallavi Pandurang Jadhav	

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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 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. We participated in the World Bank funded Government of India scheme, "TEQIP" (Technical Education Quality Improvement Program) Phase I project and we received second rank all over India, out of 127 national institutes, in its program impact assessment survey in 2010. WCE is successfully continued its journey in TEQIP phase II in upgrading the Post graduate and Research infrastructure. WCE has received Rs. 15.00 Crore. Now the Institute is selected for TEQIP Phase –III from April 2017-March 2020. In TEQIP-III Walchand College of Engineering, Sangli will Mentor Jabalpur College of Engineering, Jabalpur to upgrade their status. Out of 18 Engineering Colleges from Maharashtra who were involved in TEQIP-II only 8 are now selected for TEQIP-III.

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 -- First College in SUK to get NBA Accreditation for 5 UG Programs

2007 -- Selected for **TEQIP** Phase –I. Institute became **Autonomous** (**1st** college in SUK area).

2012 – First College in SUK to get NBA Accreditation for 5 PG Programs. Selected for **TEQIP** Phase –II.

2014 – UGC **Extended the Autonomy** till 2020

2016 – NAAC Accreditation: ‘A’ Grade. Selected for TIFAC Funding from RGSTC.

2017 -- Selected for **TEQIP** Phase –III. Will be Mentoring Jabalpur College of Engineering, Jabalpur.

Chairman's Profile

Mr. Ajit Gulabchand, Chairman and Managing Director of Hindustan Construction Company Ltd., has spearheaded the transformation of the company from a construction major into a diversified infrastructure group of global scale, developing and building responsible infrastructure through next practices. With a group turnover of over Rs. 9867 Cr (US \$ 1.47 billion), HCC's businesses span across Engineering & Construction, Real Estate, Infrastructure, Urban development & Management.

Mr. Gulabchand hails from a family of nation builders who have made a significant contribution to the development of modern India. A graduate of Mumbai University, Mr. Gulabchand previously served as Chief Executive Officer of Indian Hume Pipe Co. and as Managing Director of Ravalgaon Sugar Farm. He became Managing Director of HCC in 1983, and Chairman in 1994.

Under Mr. Gulabchand's leadership, HCC continues the illustrious tradition set by his predecessors. The group has a knowledge asset of more than 2500 officers, including around 1,600 engineers. It employs more than 22,000 workers at its project sites across India. The result is a business that plays a leading role in meeting the huge infrastructure needs of India, leveraging best-in-class equipment and technology, knowledge-driven processes and innovation-led next practices.

The HCC Group of companies comprise of HCC Ltd, HCC Infrastructure Ltd, Lavasa Corporation Ltd, Highbar Technologies and Steiner AG in Switzerland.

Mr. Gulabchand is the visionary behind the concept of the planned hill city, Lavasa. The master plan of the city, which is being built to the highest environmental standards, has won international awards for sustainable urbanism. Lavasa is seen as the blueprint for the many future cities India will need as it responds to massive rural-to-urban migration. The Indian states of Gujarat and Karnataka already have concrete plans to develop Lavasa-like cities.

SOCIAL AND ENVIRONMENTAL RESPONSIBILITY

Corporate social responsibility is intrinsic to Mr. Gulabchand's vision for the HCC group. Its initiatives encompass Disaster Relief, Water Sustainability, Education and HIV/AIDS awareness.

Disaster Relief forms a significant area of focus at HCC, under the aegis of Mr. Gulabchand's sustainability canvas. He is the Chair of the Disaster Resource Partnership, formed in coordination between the World Economic Forum's Engineering and Construction Member and Partner companies. He is also the founder member and Chairman of Disaster Resource Network India, wherein he has steered emergency response teams and rehabilitation to a number of locations struck by natural disasters in India and abroad. He is a member of the Advisory Board United Nations Disaster Risk Reduction – Private Sector Partnership.

Recognizing the emerging water crisis and with a view to make water sustainability a corporate priority, Mr. Gulabchand became the first Asian signatory to endorse the United Nations' CEO Water Mandate. HCC has demonstrated its water consciousness and commitment to water conservation by implementing a series of rigorous and improved water management practices at its project sites. HCC has also promoted the advocacy of actions and measures at various national/international forums towards the optimum utilisation of water.

The HCC case study highlights its efforts towards water neutrality and showcases its initiatives at its projects. HCC was awarded "Global Sustainability Leadership Award for "Best Community Action' – HCC's Community Development Project – 'Ujjivana'.



Mr. Ajit Gulabchand

Chairman's Profile

GLOBAL ENGAGEMENTS

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 and co-chaired the community in 2016. 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. He 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 also member of UK India Business Council (UKIBC) Advisory Council - a body for companies seeking to explore the Indian market. Mr. Gulabchand has also been a frequent invitee to ministerial business delegations from the Government of India to various countries aimed at attracting foreign investments into the Indian infrastructure sector. He is also member of the National Council of the Confederation of Indian Industry and member of committees on Skills, Infrastructure & Construction and Ease of doing business.

Alongside his responsibilities at HCC, Mr. Gulabchand has been a vocal advocate of sustainable development and is regarded as a spokesperson for India's infrastructure sector in global forums. A regular participant at the World Economic Forum (WEF) for over two decades, Mr. Gulabchand was the first Asian to Chair the Governor's Steering Board of the Engineering & Construction Community at the WEF in Davos, 2011. He also served as a Co-Chair at the WEF's India Economic Summit in 2010. He is the only Indian business leader to participate on panels at the United Nation's Annual Summit on Climate Change, as well on the United Nation's Global Compact Summit. He is an Executive Committee member of TERI's (The Energy and Resources Institute) Council for Business Sustainability. He is also a member of Board of Trustees – New Cities Foundation: a non-profit institution which seeks to incubate, promote and scale urban innovations through collaborative partnerships between government, business, academia and civil society.

Mr. Gulabchand is a strong supporter and patron for several technical institutions in India. He is the Chairman of the Board of Trustees and 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.

Mr. Gulabchand is a recipient of the 'Infrastructure Leader of the Year' Award from CNBC TV18.

Chairman, Administrative Council			
Sr. No.	Name	From	To
1	Shri N. Dandekar	1956	1968
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

Directors Message

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. We have developed many of our labs with the help of industrial sustenance. With this collaboration most of our labs are state-of-the-art with technologies used in the eminent industries. Our 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 our institute are research oriented, thereby promoting our students to favor such paths too. R & D is right now the prime of any industry and we support our 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, our students find it very easy to develop a research oriented mind-set. We encourage work on research projects helping them grow professionally and making them systematic and multidiscipline oriented.

In accordance with our Vision and Mission, we devote ourselves to create graduates with inquisitive minds who have a perpetual desire for knowledge. We believe in our students growing from all aspects. Our graduates should not only be technical aces but they should also be good human beings, hence we nourish our 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 we 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:



Dr. G.V. Parishwad

Principals at WCE Sangli Before Autonomy			
SN	Name	From	To
1	Prof. G.N. Gokhale	1947	1948
2	Prof. K.V. Kardile	1948	1949
3	Prof. C.G. Kale	1949	1951
4	Prof. G.R. Vartak	1951	1955
5	Prof. V.K. Kelkar	1955	1967
6	Prof. G.C. Kanitkar	1967	1975
7	Prof. S.D. Pathak	1975	1979
8	Prof. P.A. Kulkarni	1979	1997
9	Dr. B. Subbarao (I/c)	Jan-1998	Sep-1999
10	Dr. N.K. Sane (I/c)	Oct-1999	Jan-2000
11	Prof. A.R. Yardi (I/c)	Jan-2000	Jun-2000
12	Dr. P.J. Kulkarni	Jun-00	Jan-02
13	Prof. A.R. Yardi (I/c)	23-May-02	20-Dec-02
14	Dr. S.D. Madnaik	21-Dec-02	31-Jul-04
15	Prof. A.R. Yardi (I/c)	1-Aug-2004	31-Oct-2006

Directors at WCE Sangli After Autonomy			
SN	Name	From	To
1	Dr. N. V. Deshpande	01-Nov-2006	30-Sep-2007
2	Prof. A.R. Yardi (I/c)	01-Oct-2007	12-May-2009
3	Dr. Y. V. Joshi	13-May-2009	1-Jul-2013
4	Dr. P. J. Kulkarni (I/c)	02-Jul-2013	25-Feb-2014
5	Dr. G. V. Parishwad	26-Feb-2014	Till date

Director's Address to Outgoing Students on 7th Graduation Day Ceremony (on 26th May 2017) ...

It is my honour to welcome respected Chief Guest of today's function, Vice Chancellor, Shivaji University, Kolhapur **Dr. Devanand Shinde** Sir; Member of Parliament and Member of our Administrative Council, **Shri Sanjay kaka Patil**; Chairman of Administrative Council of Walchand College and Chairman and Managing Director of HCC, **Shri Ajit Gulabchand**; all members of Administrative and Academic Council, invited dignitaries, 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 **ninth** batch of engineers of autonomous Walchand College of Engg, Sangli. A very warm good morning to all of you.

Today a total 649 students will be awarded their certificates of which 432 are B. Tech. who graduated this year and 217 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 70 years and is one of the most sought after colleges in Maharashtra. As of now, Walchand College has 4 Diploma, 6 UG, and 10 PG programmes, we also run Ph.D programmes in all the six disciplines, affiliated to Shivaji University and also a minor QIP-PhD Centre from Central Government.

The Institute spread over 90 acres' area is blessed with a state of art-Library, known as Shri Ajit Gulabchand Central Library. The Central Computing Facility (CCF), which takes care of maintaining the Institute LAN, with Internet connectivity of 220 Mbps RelTel leased line and 100 Mbps is available from NKN. The library and the CCF facilities are kept open to students for 24 hours.

Walchand College of Engg, 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 2016-17. The list of both academic and nonacademic achievements of students, Faculty and staff is so big that it is difficult to cover them in 5 to 10 minutes. I will mention just a few highlights.

From last few years, we have brought more flexibility in the curriculum by introduction of Interdisciplinary Electives, sponsored industrial project internships, Provision of credit Transfer, summer term, online Courses, etc. This year 89 UG and 73 PG students went to different Industries for their Project Internship; three students from Electronics went to COE, Pune to study for one semester.

We have also increased our association with Industries. Industry People participate in Board of Studies to help in curriculum development, provide Industry Internship, Live Projects, Project competitions, Financial support for various Students events, Students and Faculty Training Programs; Placements, Participation as Judges in Technical Events or in Oral Viva Examinations of the students, etc. TCS has Instituted Best Project Award and Best Student of the Year Award. This year, Shri Rohit Bhosale B.Tech. Mechanical got selected for 'TCS-Best Outgoing Student Award'; and the 'TCS-Best outgoing Project Award' was given to a Project titled "Study, Development and Testing of Light Weight Wheel Assembly for e-BAJA Vehicle" for team of 5 girls from B.Tech. Mechanical Department: Ms. Aishwairya Dalal, Ms Monika More, Ms Mohini Shelke, Ms Shubhada Sawant and Ms Sonali Vankhande.

John Deere from Pune has supported in developing 'Advanced Research Centre in Embedded Design'. Danfoss, Chennai supported in RAC lab of Mechanical Department. While 3D PLM has identified WCE as authorized Training Centre for CATIA Software. Mentor Graphics donated HEP Software.

Walchand College is selected for RGSTC-TIFAC grant for students from 2015-16 wherein 30 UG students get scholarship of Rs. 5000/- during summer Internship and Rs. 10000/- pm during their final year project in Small Scale or Medium Scale industries.

A committee of National Assessment and Accreditation Council (NAAC) had visited college in March 2016. NAAC awarded 'A' grade (for 7 years) to WCE with 3.25 score out of 4.

WCE has received accreditation in its fourth cycle from National Board of Accreditation (NBA) for 5 UG programs: Civil Engineering (5 years); Mechanical, Electrical, Electronics and IT (for 2 years) from July 2016. We also got NBA accreditation for five M. Tech. Programs: Civil-Structural Engg, CSE-Information Technology got for (5 years) and Mechanical-Design Engg, Electrical-Control System Engg, Electronics Engg got for (2 years). Now we have applied for remaining UG/PG programmes.

WCE had received Rs. 8.65 Crore in the first Phase of a world bank project funding of Technical Education Quality Improvement Programme (TEQIP) to develop Undergraduate infrastructure during 2004-08. WCE got selected and successfully completed the second phase of TEQIP funds during 2012-17, where it received the funding of Rs. 15.00 Cr. to develop Post-graduate infrastructure. Now Walchand College is also selected for Third phase of TEQIP wherein it will be mentoring Govt College of Engineering, Jabalpur.

6th Alumni Meet was organized at WCE, Sangli on 14th January 2017. Dr. Sadanand Joshi (Mechanical-1972) a well-known expert in the petroleum industry and President of Joshi Technologies International, Oklahoma, USA was the Chief Guest. MP Shri Sanjay kaka Patil presided over the function. More than 270 Alumni from different branches attended this program.

Result Analysis and Academic Achievements

Out of the total 463 appeared, 432 (93.30%) B. Tech. students have completed their Examination in first attempt with Boys result of 90% and for girls it is 98%. 384 students (i.e. 82.41%) have secured first class and above. For M.Tech. all 217 (100%) students have successfully completed their post-graduation in their first attempt and passed with First Class. There were 168 (77.42%) Boys and 48 (22.12%) girls for M.Tech. in 10 programmes.

In this Academic Year, many of Walchand students have excelled in different Competitive exams. In Maharashtra Public Service Commission **MPSC-2017** Results 3 WCE Alumni were in Top 5. Shri Shrikant Gaikwad (Rank-2); Shri Sagar Pawar (Rank-3); and Shri Amol Mandve (Rank-5); In **GATE-2017** Results: Shri Rajawardhan Sarnobat (Mech-2015) AIR-28; Shri Abhishek Singh (Civil-2015) AIR-49; Shri Harshal Gokhale (Electronics-2017) AIR-135; Shri Ram More (Mech-2016) AIR-412; In **CAT-2017** Results: Shri Rishi Rathi-Scored 99.57%; Also Rohit Bhosale-Scored 99.47% both are from B.Tech.-Mech. branch. 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. Last Year total 75 companies visited WCE for Campus placement and 87 % UG students and 54% PG students got placed, despite continuing industrial slowdown. Accenture, IBM, Wipro and Infosys were the top recruiters of WCE graduates, while Symantec, Seagate, EMC, Agrostar, HSBC offered best salary packages. This year also till last week, 77 companies have visited the campus for placement. Out these 43 companies have offered salary Rs. 4.5 LPA or more. Till now total 318 UG students are placed out of 433 Registered (73.5%). Total 59 PG students are placed out of 194 (30.5%). This year Maximum salary of 14 LPA was offered by a Petroleum company BPCL.

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

Three WCE Students – Ms Pooja Patil, TY (IT); and Ms. Jeffy Thomas SY (CSE) are going to National Technical Universities of Athens, **Greece** and Shri Gaurav Arwade TY (Mech.) to **Ukraine** for 45 days **Internship** during 15th June to 30th July 2017.

Two QIP-Ph.D Research Scholars, Shri S.S. Karidkar (Mech) visited Phoenix, Arizona, USA during November 2016. While, Shri Sachin Patil (CSE) visited San Francisco, California, USA during April 2017 and presented research papers in International Conferences.

Shri Ketan Pandhare of SY M.Tech. (CSE) completed an online course on 'Big Data Integration and Processing' offered by University of California, San Diego on the Coursera platform during January to March 2017.

WCE team from CSE department stood Second at '**Smart India Hackathon-2017 Competition**' organized in April 2017 by Electronics and IT ministry sponsored by MHRD and AICTE. 51 Institutes including IITs and NITs were shortlisted for final round. 2 teams from WCE were among these 51 shortlisted teams.

25 students from WCE participated in **eBAJA-2017** competition organized by Society of Automotive Engineers, India (SAEINDIA) at Pithampur, Indore during February 2017. Team's goal was to design and build a single-seater, all-terrain vehicle. Out of 45 teams participated 8 could clear all tests.

WCE team stood **1st** in Computer Aided Engineering (CAE) evaluation and was overall **4th**.

32 students from WCE participated in ROBOCON 2017- Design and development of Robots at Balewadi Stadium, Pune during March 2017. Total 112 teams participated in ROBOCON.

A competition on the theme 'Start-up a Business with Innovative Ideas' was organized by Sangli Miraj Commercial Ventures Pvt Ltd. in March 2017, WCE teams won the second and the third prizes, which were handed over by Shri Gopalraje Patwardhan.

In **Badminton** and **Chess** Boys teams stood **1st** in **Zonal** and **Inter-Zonal** Tournaments. Shri Mukund Sudharsan and Shri Soham Shelgaonkar (from T.Y. CSE) got selected for the Inter-Zonal Chess Competition. In **Table Tennis** Boys and Girls teams stood **1st** in **Zonal** Tournament. Boys **Cricket** Team was **runner up** in Zonal Tournament and semi-finalist in Inter Zonal. Shri Prashant Patil selected for University level team in cricket.

Shri Pranil Chavan (S.Y. CSE) and Shri Keshav Kumbhar (S.Y. Civil) were **winners** in **Carom** at annual sports competitions at various colleges. Shri Pranil Chavan was selected from Sangli district for **state level carom championship** for year 2017.

Shri Rajkumar Choudhary, SY M.Tech. (IT) stood **6th** in **21 km** Shahid Ashok Kamte Marathon, Sangli held in March 2017.

WCE students also participated in **ZEST 2017** organized by CoE Pune, in various games and secured third place in **cricket**.

Diploma students also participated in Zonal and Inter zonal tournaments of various sports. Boy's **cricket team** stood **1st** in zonal matches and general championship.

The Institute has successfully organized its annual national level technical symposium VISION-2017 and Annual Social Gathering ASG-2017 in March 2017.

Intercollegiate Cultural Competition 'Yuvarang' and Sports Competition 'WEST' was organized during February and March 2017 at WCE, Sangli.

Under Vittiya Saksharta Abhiyan Organized by HRD Ministry 80 students in 5 teams of WCE, Sangli arranged Road shows, dramas and showing Video on Cashless India in various nearby villages. Students met the villagers, shopkeepers, school children's, etc. to teach people different ways to transact cash digitally using Debit/Credit Cards, Online Banking, USSD, UPI, BHIM Application during January 2017.

Faculty Activities

The Institute has highly qualified and dedicated faculty. 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. Six patents are filed by WCE faculties in the last year.

First time in last many years, An **International Conference** on "Recent Advances in Civil and Environmental Engg" was organized in March 2017 by Civil Department. 5 International Faculty from the Netherlands and 5 from IISc and IITs were the keynote speakers. In addition to this Four National Conferences were organized by WCE Faculty members in last one year. Mechanical Dept on "Recent Trends in Mechanical Engineering" in July 2016; CSE and IT dept organized "National Research Symposium on Computing" in December 2016; Applied Mechanics dept on "Advances in Structural Health Monitoring" in January 2017. One National Conference on "Innovations in Engineering and Management Education" was jointly organized by WCE, Sangli and RIT, Sakharale in December 2016.

Smt. M.A. Shah from CSE department visited California, USA in June 2016; Dr. M.M. Waware from Electrical department visited London, UK in September 2016; Prof. U. A. Dabade, HOD Mechanical department visited Phoenix, Arizona, USA in November 2016; Shri R.P. Hasabe, from Electrical department visited Paris, France in November 2016 and Dr. A.J. Umbarkar from IT department visited Rome Italy, during January 2017 and presented their research papers in International Conferences.

With 70 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. 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.

Highlights of Annual Report 2016-17

- Administrative Council was reconstituted for the next term from 22-11-2016 to 22-11-2019. Shri Ajit Gulabchand was re-elected as Chairman of the Administrative Council unanimously for the new term.
- NBA committee visited college during 14th-16th October 2016 for accreditation of 5 Post Graduate programs, namely, Civil-Structural Engg, Design Engg, Control Systems Engg, Electronics Engg & Computer Sci. & Engg (IT). Two programs – Civil-Structural Engg; and CSE (IT) – received accreditation for 5 years.
- 7th Graduation-Day Ceremony was held at WCE, Sangli on 26th May 2017. Dr. Devanand Shinde, the VC of Shivaji University, Kolhapur was the Chief Guest of the function. Chairman of Administrative Council, Shri Ajit Gulabchand presided over the function. Administrative Council members Shri Sanjaykaka Patil, Dr. P.S. Patil, Shri R.P. Purohit and Shri C.N. Gandhi and others were present for the function.
- WCE Sangli successfully completed the TEQIP-II, the World Bank Funded Program during 1st January 2012 to 31st March 2017. Over this period, the college received Rs. 15.74 crore grant for improving PG Infrastructure, R&D and Innovation. As per TEQIP-II norms and guidelines, MIS Validation, Final-Data Audit & TEQIP-II Performance Audit were carried out regularly. WCE received “Excellent” remark from the Performance Auditor. The Institute is now selected for TEQIP-III, wherein it will Mentor Government College of Engineering, Jabalpur from 1st April 2017 to 31st March 2020.
- 6th Alumni Meet was organized at WCE, Sangli on 14th January 2017. Dr. Sadanand Joshi (Mechanical-1972); President of Joshi Technologies International, Oklahoma, U.S.A; who has contributed in developing horizontal well technology to produce crude oil and natural gas was felicitated as distinguished alumnus. MP Shri Sanjay Patil presided over the function. More than 270 Alumni attended this program.
- International Conference "Recent Advances in Civil and Environmental Engg" was organized during 4-5th March 2017 by Civil Department. Five International Faculty from the Netherlands and 5 from IISc & IITs were keynote speakers. Five National Conferences were also organized by various departments in the Academic Year 2016-17.
- Five Faculty members Smt. M.A. Shah (CSE), Dr. M.M. Waware (Electrical), Prof. U.A. Dabade (Mechanical), Shri R.P. Hasabe (Electrical), and Dr. A.J. Umbarkar (IT) visited USA, UK, France and Italy and presented their Research Papers in International Conferences in the Academic Year 2016-17.
- Shri N.V. Patel (Electrical) got selected at IIT, Mumbai; Shri A.K. Kokane (Civil), Shri A.P. Patil and Shri P.A. Mane (Mechanical) got selected at IIT, Roorkee for **PhD** under **QIP** for the year 2018-19.
- In the Academic Year: 2016-17 Out of the total 463 appeared, 432 (93.30%) B. Tech. students completed their Examination in first attempt; 384 students (i.e. 82.41%) secured first class and above. For M.Tech. all 217 (100%) students have successfully completed their post-graduation in their first attempt with First Class. 93.31% of 240 Diploma students passed out in 2016-17.
- Summer term was conducted for slow learner students for theory course & laboratory (Remedial Classes) at WCE, Sangli during 01st May to 30th June 2016.
- In Competitive Examinations: **MPSC-2017 Results** 3 WCE Alumni were in Top 5. Shri Shrikant Gaikwad (Rank-2); Shri Sagar Pawar (Rank-3); and Shri Amol Mandve (Rank-5); **GATE-2017 Results:** Shri Rajawardhan Sarnobat (Mech-2015) AIR-28; Shri Ram More (Mech-2016) AIR-412; Shri Abhishek Singh (Civil-2015) AIR-49; **CAT-2017 Results:** Shri Rishi Rathi - CAT Score 99.57%
- Three WCE students – Ms Pooja Patil, T.Y.(I.T.); and Ms. Jeffy Thomas S.Y.(CSE) completed 45-day internship at Athens University, Greece and Shri Gaurav Arwade T.Y.(Mech.) at National Technical Uni., Ukraine during 15 June to 30 July 2017.
- WCE team from CSE department stood Second at ‘**Smart India Hackathon-2017 Competition**’ organized on 2nd April 2017 by Electronics and IT Ministry sponsored by MHRD and AICTE. 51 Institutes including IITs and NITs were shortlisted for final round. 2 teams from WCE were among these 51 shortlisted teams.

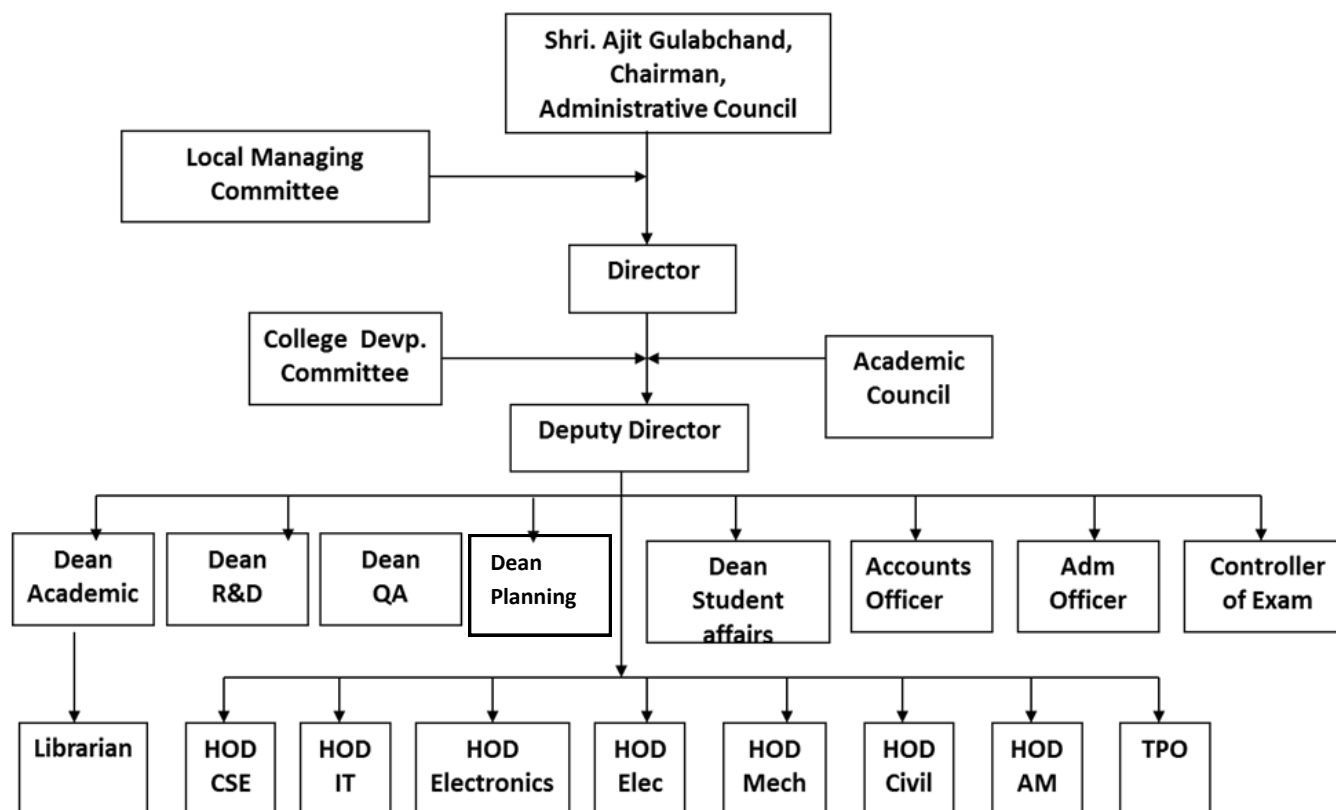
Highlights of Annual Report 2016-17

- 25 students from Mechanical, Electrical, and Electronics participated in eBAJA-2017 competition organized by Society of Automotive Engineers, India (SAEINDIA) at Pithampur, Indore during 22-26, February 2017. Team's goal was to design and build a single-seater, all-terrain vehicle. Out of 45 teams participated 8 could clear all tests. **WCE team stood 1st in CAE (Computer Aided Engineering) and was overall 4th.**
- Two QIP Ph.D Research Scholars, Shri S.S. Karidkar (Mechanical) and Shri Sachin Patil (CSE) visited USA in November 2016 and April 2017 respectively and presented their Research Papers in International Conferences in the Academic Year 2016-17.
- Three Students from T.Y. CSE, Nayana Satpute, Rohit Kumbhare, and Puja Borude participated in Indo-Canada Project competition held at MCCIA, Pune on 8th June 2017. They presented a Project on "Home Automation using Internet of Things".
- Inter-collegiate Cultural Competition 'Yuvarang' was organized during 11-12th February 2017 at WCE, Sangli. 300 participants from 25 Colleges took part in the competitions in Dance, Drama, Art, Debate, Photography, Singing, Poetry, Rangoli, etc.
- National Technical event VISION-2017 held during 10-11th March 2017. About 2500 students participated from 62 colleges. Shri Manish Patil CEO of Samrudhi TBI Foundation inaugurated the function. Shri Dattatraya Shinde, SP Sangli, delivered the Valedictory address.
- Annual Social Gathering (ASG-2017) successfully organized during 12-14th March 2017. Shri Niranjana Vayangankar, Deputy Inspector General of Police, Pune and WCE, Alumni (CSE-1994) was the Chief Guest for the Inauguration.
- In **Badminton** and **Chess** Boys teams stood **1st in Zonal** and **Inter-Zonal** Tournaments. In **Table Tennis** Boys and Girls teams stood **1st in Zonal** Tournament. Boys **Cricket** Team was **runner up** in Zonal Tournament and semi-finalist in Inter Zonal. Shri Prashant Patil selected for University level team in cricket. Shri Rajkumar Choudhary, SY M.Tech. (CSE-IT) stood **6th in 21 km** Shahid Ashok Kamte Marathon, Sangli held on 5th March 2017.
- In 2016-17 total 80 companies visited WCE Sangli for Campus Placement. A total of 321 (74.1%) UG students got placement out of 433 and 63 (32.5%) out of 194 PG students. BPCL offered the highest annual salary of Rs. 14.1 lakh and selected 3 Students, followed by Barclays Rs. 11 lakh to 5 students, Symantec Rs.10.43 lakh to 1 student, Veritas Rs. 9 lakh to 17 students and Siemens PLM Rs. 8.32 lakh to 14 students. Accenture recruited the highest 69 students followed by IBM (45), Wipro (39), Infosys (28) and Eaton (15); with annual salary ranging from Rs. 3.5 lakh to Rs. 5 lakh.
- 87 UG (CSE:49, IT:29, Electronics:5, Electrical:3 & Mechanical:1) and 73 PG (Mechanical :40, CSE-IT:16 & Electronics:17) Final Year students took up Industrial internship in different cities in 2016-17.

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	Mr. Sanjaykaka Patil, MP, Sangli	Member, Trust Nominee
3	Mr. Vijay Pusalkar, Industrialist, Pune	Member, Trust Nominee
4	Dr. V.N. Gupchup, Ex. Principal, VJTI, Mumbai	Member, Trust Nominee
5	Mr. C.N. Gandhi, Industrialist, Pune	Member, Trust Nominee
6	Mr. R.P. Purohit, HCC, Mumbai	Member, Trust Nominee
7	Dr. Amit Dutta, WRO, AICTE, Mumbai	AICTE Ex-Officio, Member
8	Yet to be received	AICTE Nominee
9	Director Technical Education, Mumbai	DTE, Ex-Officio, Member
10	Yet to be received	State Govt Nominee
11	Dr. Shivajirao Kadam, VC, BVU, Pune	UGC Nominee
12	Dr. P. S. Patil, Physics Dept, SU, Kolhapur	Shivaji Uni. Nominee, Member
13	Dr. G.V. Parishwad, Director, WCE, Sangli	Director and Secretary
14	Mrs. Shalaka Gulabchand Dhavan	Management Invitee
15	Dr. P.J. Kulkarni, Dy. Director, WCE, Sangli	Faculty representative
16	Dr. A. P. Vaidya, Dean R & D, WCE, Sangli	Faculty representative

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 2016-17 on following dates:

SN	Meeting No.	Date	Location	Attendance
1	214	27/06/2016	Hotel Oberoi, Mumbai	6
2	215	15/07/2016	Hotel Oberoi, Mumbai	8
3	216	23/08/2016	Hotel Oberoi, Mumbai	5
4	217	22/11/2016	Hotel Oberoi, Mumbai	6
5	218	28/02/2017	Hotel Oberoi, Mumbai	11
6	219	26/05/2017	AGCL, WCE, Sangli	8

The next Important Committee is **Local Management Committee**: to 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 are 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 Suresh Patil, Chairman, Latthe Edu. Society Shri Shrinivas 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>	<p>To recommend to the higher authorities the schemes for better functioning and governance of the college</p> <p>To prepare & recommend, financial budget of the college for approval from higher authorities</p> <p>To recommend, filling of teaching and non-teaching positions to higher authorities</p> <p>Frequency of meeting: Twice a year</p>

Local Management Committee (LMC) meetings are held twice a year. The details of meetings held during 2016-17 are as follows:

SN	Meeting No.	Date	Location	Attendance
1	LMC-56	26/02/2016	WCE, Sangli	12
2	LMC-57	04/02/2017	WCE, Sangli	10

As per the New Maharashtra Public University Act-2016 The Local Management Committee will be now replaced with College Development Committee.

Various other important Sub-Committees to support Administrative Council are:

In addition to the above two committee's various other Sub-committees are formed for decentralization of power and for smooth functioning of various activities and implementation of policies.

As per the Administrative Council Rules for WCE, Sangli passed by General body of MTES on 20th November 1956 and amended by AC on 9th July 1971 and on September 1977 three important other committees formed are Finance Committee, Building Committee and Equipment Committee were approved by the Administrative Council in the Meeting No. 217 Dated. 22 November 2016. The sub-committees are as follows:

1. Finance Committee	
1. Chairman of the Council	Shri Ajit Gulabchand
2. DTE or his nominee	Dr. S. K. Mahajan
3. RO- AICTE or his nominee	Shri R. Unnikrishnan
4. Nominee of MTES	Shri Deepak A. Shinde
5. Member	Shri R. P. Purohit
6. Member	Shri Chakor Gandhi
7. Member Secretary	Dr. G. V. Parishwad
8. Permanent Invitee	Dr. P. J. Kulkarni
2. Building Committee	
1. Chairman of the Council	Shri Ajit Gulabchand
2. DTE or his nominee	Dr. S. K. Mahajan
3. RO- AICTE or his nominee	Shri R. Unnikrishnan
4. Exec. Engineer, PWD, Sangli	Shri Devendra Jadhav
5. Outside Expert Member	Dr. V. N. Gupchup
6. Head, Civil Dept	Shri V. D. Salkar
7. Head, Structural Dept.	Dr. S. N. Tande
8. Member Secretary	Dr. G. V. Parishwad
9. Permanent Invitee	Dr. P. J. Kulkarni / Dr. K. S. Wagh

3. Equipment Committee	
1. Chairman of the Council	Shri Ajit Gulabchand
2. DTE or his nominee	Dr. S. K. Mahajan
3. RO- AICTE or his nominee	Shri R. Unnikrishnan
4. HOD of concerned Dept.	Civil/Mech/Elec/Eln/CSE/IT
5. Member	Shri R. P. Purohit
6. Member Secretary	Dr. G. V. Parishwad
7. Permanent Invitee	Dr. P. J. Kulkarni
4. HR Development Committee	
1. Chairman of the Council	Shri Ajit Gulabchand
2. DTE or his nominee	Dr. S. K. Mahajan
3. RO- AICTE or his nominee	Shri R. Unnikrishnan
4. HR Expert	To be decided
5. Member	Shri R. P. Purohit
6. Member Secretary	Dr. G. V. Parishwad
7. Permanent Invitee	Dr. P. J. Kulkarni

Key Functionaries at the Institute level:

Prof. Dr. G.V. Parishwad	Director
Prof. Dr. P.J. Kulakarni	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. B.G. Patil	I/c HOD-Electronics Engineering
Dr. B.F. Momin	I/c HOD-Computer Science Engg.
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. D.B. Kulkarni	I/c Registrar
Mr. D.B. Hankare	I/c Librarian
Dr. V.B. Dharmadhikari	Controller of Examinations
Dr. S.B. Kadam	Chief Rector
Mr. S.B. Tamhankar	OSD-Legal
Mr. R.G. Bhosale	I/c Vive Principal Polytechnic Wing

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. 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</p> <p>Member Secretary: Dean Academics</p> <p>Members:</p> <ul style="list-style-type: none"> • All HoDs • 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 2016-17:

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

* 20% Lateral Entry at Second Year

Intake and Status of NBA Accreditation: UG Programs

SN	UG Programs	Starting Year	Intake	NBA-I	NBA-II	NBA-III	NBA-IV
1	Civil Engineering	1947	60	2003-08 (5)	2016-21 (6)	--	--
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)	Applied
6	Information Technology	2001	60	2016-18 (2)	--	--	--
Total First Year Intake			390 + TFWS 20 + NRI 39 + Gulf 19 (= 468) + DSY 78				

* 20% Lateral Entry at Second Year, NBA for **CSE** is applied

Intake and Status of NBA Accreditation: PG Programs

Sr.	PG Programs	Start	Current	NBA-I	NBA-II
1	Civil-Environment Engineering	1971	18	2013-16 (3)	Applied
2	Civil-Structural Engineering	1971	30	2012-15 (3)	2016-21 (5)
3	Mechanical-Production Engineering	1995	30	2013-16 (3)	Applied
4	Mechanical -Design Engineering	1971	30	2012-15 (3)	2016-18 (2)
5	Mechanical -Heat Power Engineering	1971	18	Applied	
6	Electrical-Control Systems	1971	18	2012-15 (3)	2016-18 (2)
7	Electrical-Power Systems	1971	18	Applied	
8	Electronics Engineering	1987	30	2012-15 (3)	2016-18 (2)
9	CSE-Computer Science Engineering	1998	30	**	
10	CSE-Information Technology	2012	18	2016-21 (5)	
Total First Year Intake			240		

** Yet to be accredited

PhD Programmes:

- Recognized Research Center of Shivaji University, Kolhapur (SUK) in all the disciplines of Engineering since 1971.
- Produced **26 Ph.D.s** in last five years; Currently **69** 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

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

Department	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Civil Engineering	0	0	1	0	0	1
Mechanical Engg.	0	3	1	4	4	12
Electrical Engg.	2	1	0	0	1	4
Electronics Engg.	3	1	2	0	0	6
Computer Sci. Engg	0	1	0	0	0	1
Total	5	6	4	4	5	26

At present the number of students registered in PhD program in engineering are 76 (including faculty) out of them 7 students are working full time under QIP.

Admissions Details of AY 2016-17:

Admissions to the four-year B.Tech. for the academic year 2016-17 were made along with the other autonomous institutions in the state based on 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 Maharashtra State Rank and Minimum Cut-off marks at WCE of AY 2016-17

SN	Branch	Mechanical	Electrical	Civil	IT	ELECTRONICS	CSE
1	COE Pune	252 (182)	420 (178)	1022 (170)	303(181)	363(180)	67(189)
2	VJTI Mumbai	326(180)	583(176)	1294(166)	324(180)	633(175)	80(188)
3	SP Mumbai	596(176)	897(171)	1785(162)	--	--	--
4	WCE Sangli	1208 (167)	2494(156)	3296(151)	3297(151)	3768 (148)	1869(161)
5	GCOE Aurangabad	2932(153)	5967(138)	5966(138)	5587(140)	6314(136)	3225(151)
6	GCOE Amaravati	4042(147)	6686(135)	6784(135)	7398(132)	8015(130)	3918(147)
7	SGGS Nanded	4859(143)	7822(131)	8487(129)	8844(128)	10737(122)	6440(136)
8	GCOE Karad	4698(149)	6897(134)	6091(137)	8267(129)	8921(127)	

* If we refer Cut-off Marks at top 8 Engineering Institutes in Maharashtra, WCE Sangli Ranked 4th after COE Pune, VJTI and SP, Mumbai in 2016-17.

PG Admissions at WCE, Sangli for 2016-17

SN	Branch	Intake	Filled	GATE	% GATE
1	Civil-Environmental	18	18	12	66.67
2	Civil-Structural	30	30	27	90.00
3	Mechanical-Design	30	30	26	86.67
4	Mechanical-Heat Power	18	18	18	100.00
5	Mechanical-Production	30	29	18	62.07
6	Electrical-Power Systems	18	18	12	66.67
7	Electrical-Control Systems	18	15	1	06.67
8	Electronics	30	30	27	90.00
9	Computer Science Engg	30	30	13	43.33
10	Information Technology	18	14	1	07.14
Total		240	232	155	66.81

This year only GATE (Non-Zero) Students were allowed for Admission.

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 2016-17			
Branch	Male	Female	Total
Civil	45	19	64
Mechanical	47	21	68
Electrical	47	17	64
Electronics	48	18	66
CSE	74	27	101
IT	43	20	63
Total	304	122	426
Percentage	71.36	28.64	100
R. Category	164	68	194
Percentage	53.94	55.73	45.53

Admission Details of PG 2016-17			
Branch-Specialization	Male	Female	Total
Civil-Environmental	13	5	18
Civil-Structural	26	4	30
Mechanical-Heat Power	17	1	18
Mechanical-Production	29	0	29
Mechanical-Design	26	4	30
Electrical-Power System	11	7	18
Electrical-Control System	8	7	15
Electronics	17	13	30
CSE	17	13	30
CSE - IT	5	9	14
Total	169	63	232
Percentage	72.84	27.17	100
Reserved Category	85	36	111
Percentage	50.29	57.14	47.84

Year wise Total Strength of Students

Branches	2013-14			2014-15			2015-16			2016-17		
	UG	PG	PhD	UG	PG	PhD	UG	PG	PhD	UG	PG	PhD
Civil	296	59		281	83		289	93		290	96	
Mechanical	292	106	5	288	144	1	294	156		284	155	
Electrical	288	60	2	291	72		286	72		287	61	
Electronics	293	48		286	61		291	61	1	287	59	2
CSE	438	48	1	431	60		437	60	2	434	60	
IT	290	35		286	36		283	36		282	32	2
Total	1897	356	8	1863	456	1	1880	478	3	1864	423	4

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

Analysis of UG Students (Gender and Category-wise)

Branch	2013-14			2014-15			2015-16			2016-17		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
Civil	216	80	296	188	93	281	196	93	289	197	93	290
Mechanical	220	72	292	210	78	288	219	75	294	206	78	284
Electrical	202	86	288	194	97	291	189	97	286	197	90	287
Electronics	166	127	293	162	124	286	168	123	291	170	117	287
Computer	280	158	438	250	181	431	264	173	437	274	160	434
Info. Tech.	163	127	290	155	131	286	161	122	283	169	113	282
Total	1247	650	1897	1159	704	1863	1197	683	1880	1213	651	1864
Percentage	65.74	34.26		62.21	37.79		63.67	36.33		65.07	34.92	
Resd. Catgry	651	321	972	579	350	929	620	346	966	653	334	877
Percentage	52.21	49.38	51.2	49.96	49.72	49.87	51.80	50.66	51.38	53.83	51.30	47.04

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

Analysis of PG Students Admitted

Dept.	Programme	Curent Intake	No.Student	Student	Student	Student
	M. Tech.	PG	2013-14	2014-15	2015-16	2016-17
Civil	Environmental Engineering	18	29	34	36	36
	Structural Engineering	30	30	49	57	60
Mechanical	Design Engineering	30	40	60	60	60
	Heat and Power	18	30	37	36	36
	Production Engineering	30	36	48	60	59
Electrical	Power Systems	18	30	36	36	30
	Control Systems	18	30	37	36	31
Electronics	Electronics	30	48	60	61	59
CSE	Computer Science Engineering	30	48	59	60	60
IT	Information Technology	18	35	36	36	32
Total		240	356	456	478	463

Year	Intake	Admitted	GATE Qualified
2010-11	126	89	70.63%
2011-12	126	125	99.21%
2012-13	144	142	98.61%
2013-14	216	216	100.00%
2014-15	240	240	100.00%
2015-16	240	240	100.00%
2016-17	240	232	96.66%

- Intake capacity of PG students has almost doubled in last 5 years;
- Average 99% admissions in last five years.
- Percentage of GATE qualified students has also doubled.

Organization and Governance:

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.

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 newspapers.
- 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 2016-17:

	Sanctioned	Regular	Ad-hoc	Total
Degree Faculty				
Professor	14	9	9	18
Associate Prof.	27	11	1	12
Assistant Prof.	68	53	45	98
Total Faculty	109	73	55	128
Diploma Faculty				
Vice Principal	1	0	0	01
HOD	4	3	0	03
Lecturer	34	24	35	59
TPO	1	1	0	01
Total Faculty	40	27	16	62
Non-Teaching Staff				
Technical	65	44	12	56
Class IV	91	49	23	72
Administrative	46	28	17	45
Total Staff	202	153	52	173

Faculty (Cadre)
Faculty position: 2016-17

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)	8+8	1+1	9+1	2+0	45+26	8+19	71+38	6+2	44+11	0+1
Total	18		12		98		117		56	

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

Visiting faculty: 5 to 10%

Regular Degree Faculties as on June 2017:

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	
2016-17	27	35	4	6	72
2015-16	27	42	4	7	80
2014-15	26	43	5	7	81
2013-14	20	34	4	6	64

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	Dr. Sonavane Pratap Ganpati	Prof.	PhD	2008	25	7	2	0	27	3	50
2	Dr. Salkar Vitthal Dnyandev	Asso.	PhD	2015	30	3	2	0	32	3	54
3	Dr. Munavalli Guru R	Asso.	PhD	2003	25	7	0	0	25	3	52
4	Dr. Gumaste Krishnakedar S	Asso.	PhD	2005	23	8	6	0	29	8	51
5	Wagh Chandrakant H.	Asst.	M.Tech.	2015	18	3	0	0	18	3	47
6	Kokane Anant K	Asst.	M.Tech.	2008	6	3	4	0	10	3	35
7	Mali Amol Kamalakar	Asst.	M.Tech.	2007	7	8	2	0	9	8	36
8	Deshpande Pusushottam K	Asst.	M.Sc.	1986	15	3	0	0	15	3	53
Average					18	6	2	0	20	5	47
Applied Mechanics Engineering Department											
9	Dr. Tande Shirrang Nivrutti	Prof.	PhD	2005	24	3	0	0	24	3	53
10	Dr. Kadam Sachin Balasaheb	Asst.	PhD	2015	9	3	0	0	9	3	42
11	Dr. Pol Chandrakant B.	Asst.	PhD	2017	12	3	0	0	12	3	39
Average					15	6	0	0	15	6	45
Mechanical Engineering Department											
12	Dr. Parishwad Gajanan V	Prof.	PhD	1999	28	7	4	3	32	10	57
13	Dr. Gawali Bajirao S	Prof.	PhD	2005	24	3	0	0	24	3	49
14	Dr. Dabade Uday Anna	Prof.	PhD	2008	19	9	2	6	22	3	44
15	Dr. Inamdar Kedar Harihar	Asso.	PhD	2007	16	3	2	0	18	3	43
16	Dr. Sapkal Sagar Ulhas	Asso.	PhD	2013	14	3	0	0	14	3	37
17	Dabir Jamil M	Asst.	M.Tech.	2015	11	1	8	2	29	3	53
18	Gaikwad Sharad Vasantao	Asst.	M.Tech.	2011	11	11	9	8	21	7	45
19	Naik Babaso N	Asst.	M.Tech.	2012	12	3	0	0	12	3	36
20	Dr. Khot Maruti M	Asst.	PhD	2015	10	0	1	1	11	1	38
21	Paranjpe Amar Uday	Asst.	M.Tech.	2005	8	1	3	6	11	7	35
22	Jagtap Suhas Dhondiram	Asst.	M.Tech.	2010	4	8	5	5	10	1	34
23	Mane Pravin Ashok	Asst.	M.Tech.	2008	6	8	1	10	8	6	34

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	
24	Patil Ajeet Pandurang	Asst.	M.Tech.	2008	6	8	1	0	8	8	33
25	Swami Virbhadra B	Asst.	M.Tech.	2009	7	8	0	0	7	8	33
26	Admuthe Abhinandan B	Asst.	M.Tech.	2009	6	8	0	0	7	8	32
27	Chanmanwar Rahul Mohan	Asst.	M.Tech.	2012	3	1	0	0	4	2	28
Average					11	6	2	3	14	5	39
Electrical Engineering Department											
28	Dr. Vaidya Anil Pralhad	Prof.	PhD	2005	30	3	1	6	31	9	56
29	Vanmane Shankar Shivappa	Asso.	M.Tech.	1991	31	3	0	0	31	3	58
30	Dr. More Dagdu Shankar	Asso.	PhD	2010	26	3	4	2	30	5	51
31	Patel NitinKumar Vithalbhair	Asso.	M.Tech.	2001	20	11	0	0	20	11	43
32	Patil Ajay Babagunda	Asso.	M.Tech.	1999	21	3	0	0	21	3	47
33	Dr. Waware Madhukar M.	Asst.	PhD	2012	15	2	0	0	15	2	41
34	Dr. Hasabe Ramchandra P	Asst.	PhD	2017	13	3	1	0	14	3	40
35	Ms. Shaikh Saba Latif	Asst.	M.Tech.	1999	12	3	8	0	20	3	45
36	Ms. Diwan Seema Pradeep	Asst.	M.Tech.	2009	8	3	2	0	12	3	40
37	Mohale Vijay P	Asst.	M.Tech.	2013	3	1	0	0	3	9	28
38	Karvekar Sushil S	Asst.	M.Tech.	2013	3	1	0	0	3	1	29
Average					16	4	1	2	18	5	43
Electronics Engineering Department											
39	Dr.Mrs.Deshpande Shradha S	Prof.	PhD	2011	30	0	0	0	30	0	54
40	Dr. Kore Sunil Nilkanth	Asso.	PhD	1990	27	3	3	0	30	3	58
41	Dr.Dharmadhikari Vidyadhar	Asso.	PhD	2015	27	3	3	0	30	3	52
42	Dr. Patil Babasaheb Gopal	Asso.	PhD	2015	25	3	3	0	28	3	51
43	Dhaigude Sanjay Bhagwan	Asso.	M.Tech.	2001	23	3	0	0	23	3	49
44	Marathe Narayan Vasudeo	Asso.	M.Tech.	2000	20	3	3	0	23	3	46
45	Tamhankar Sunil Gopal	Asso.	M.Tech.	2000	16	5	2	0	18	5	46
46	Dr. Mrs. Agashe Amrita Anil	Asso.	PhD	2009	16	3	6	0	22	3	44
47	Mrs. Savgave Prerna Nitin	Asso.	B.E..	1990	20	3	0	0	20	3	53
48	Dr. Ruikar Sachin D	Asso.	PhD	2013	14	3	2	0	16	3	40
49	Parchandekar Sanjaykumar	Asst.	M.Tech.	2011	22	3	0	0	22	3	47
50	Mevekari Rajan Gulab	Asst.	M.Tech.	2009	7	3	0	0	7	3	48
51	Gaikwad Vishal R	Asst.	M.Tech.	2010	8	3	4	0	12	3	39
Average					19	4	2	0	21	4	48
Computer Science and Engineering Department											
52	Dr. Kulkarni Prakash J.	Prof.	PhD	1993	34	3	5	0	39	3	59
53	Dr. Momin Bashirahamad F	Asso.	PhD	2008	23	3	4	6	27	9	50
54	Dr. Ms. Bhandari Smriti H	Asso.	PhD	2010	6	9	14	0	22	2	45
55	Surve Anil Ramchandra	Asst.	M.Tech.	2007	18	3	0	0	18	3	48
56	Ms. Shah Medha Abhijeet	Asst.	M.Tech.	2008	17	3	2	0	19	3	41
57	Chavan Manik Kishan	Asst.	M.Tech.	2011	11	3	0	0	13	6	41
58	Gavankar Nitin L	Asst.	M.Tech.	2011	13	3	0	0	13	3	38
Average					17	5	3	2	21	5	46
Information Technology Department											
59	Dr.Kulkarni Dinesh B	Prof.	PhD	2005	27	1	0	0	27	1	49
60	Dr. Mrs. Sonavane Shefali P.	Asso.	PhD	2010	16	6	1	6	18	0	46
61	Chavan Umesh B	Asst.	M.Tech.	2004	6	9	18	0	24	9	47
62	Kharat Prashant Krishnarao	Asst.	M.Tech.	2007	13	3	0	0	13	3	38
63	Narnaware Manish B	Asst.	M.Tech.	2010	6	0	1	9	7	9	39
64	Dr. Rathod Ravindra R.	Asst.	PhD	2011	12	4	0	0	12	4	38
65	Ms. Shirodkar Bharati D.	Asst.	M.Tech.	2008	13	3	0	0	13	3	43
66	Dr. Umbarkar Anantkumar J.	Asst.	PhD	2002	15	3	0	0	15	3	39
Average					13	4	2	3	16	4	42

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	
Physics Department											
67	Madhale Kiran V	Asso.	M.Sc.	2010	21	3	0	0	21	3	46
68	Jamadar Bashir N	Asst.	M.Sc.	2002	3	3	0	0	3	3	38
Average					12	3	0	0	12	3	42
Chemistry Department											
69	Dr. Pendse Milind Hari	Asso.	PhD	1993	25	3	3	0	28	3	52
70	Powar Anil Anandrao	Asso.	M.Sc.	1995	21	1	0	0	21	1	45
Average					23	2	1	3	24	5	48
Mathematics Department											
71	Dr. Joshi Santosh B	Asso.	PhD	1996	24	3	0	0	27	3	51
72	Mrs. Girgaonkar Vasudha	Asst.	M.Sc.	1997	11	3	0	0	11	3	43
73	Ms. Khot Renuka M	Asst.	M.Sc.	2012	3	1	0	0	3	1	27
Average					12	5	0	0	13	5	40

Details of Contractual Faculty as on June 2017 (Contractual Faculty 2016-17):

Full Name of Faculty	Designation	Highest Deg.	High-est Degree Year	Teaching Experience		Experience in Industry/Research Organization		Total Experience	
				Year	Month	Year	Month	Year	Month
Electronics Engineering									
Mrs Subaraman Shaila S	Asso. Prof.	PhD	2000	27	0	14	0	41	0
Mrs Khare Meghana Rahul	Asstt. Prof.	M.Tech.	2010	7	0	0	0	7	0
Ms Patil Shweta Uday	Asstt. Prof.	M.Tech.	2012	4	0	0	0	4	0
Khedkar Sagar Rama	Asstt. Prof.	M.Tech.	2013	3	0	0	0	3	0
Mane Yashwant Bapurao	Asstt. Prof.	M.Tech.	1991	13	0	18	0	31	0
Nikhade Sudhir Ganpatrao	Asstt. Prof.	M.Tech.	2014	2	0	0	0	2	0
Shete Jagadish S	Asst. Prof.	M.Tech.	2014	2	0	0	0	2	0
Information Technology									
M B Shinde	Asstt. Prof.	M.Tech.	2014	5	6	0	0	5	6
M G Rathi	Asstt. Prof.	M. Tech.	2015	2	6	0	0	2	6
Y R Sharma	Asst. Prof.	M. Tech.	2015	2	5	0	0	2	5
A M Khot	Asst. Prof.	M. Tech.	2016	1	5	0	0	1	5
A A Urunkar	Asst. Prof.	ME	2017	3	6	0	0	3	6
Dr. S.V. Kulkarni	Professor	Ph.D	1999	20	8	15	0	35	8
Computer Science & Engg.									
S. M. Rathod	Asst. Prof.	M.Tech	2014	2	5	0	0	2	5
S. L. Mahadeshwar	Asst. Prof.	M.Tech	2014	1	9	0	0	1	9
K. P. Kamble	Asst. Prof.	M.Tech	2016	1	5	0	0	1	5
S.S. Sontakke	Asst. Prof.	M.Tech	2016	1	5	0	0	1	5
Ms. A.V. Terkhedkar	Asst. Prof.	M.Tech	2016	2	5	0	0	2	5
Mrs. P.S. Shedbalkar	Asst. Prof.	M.Tech	2015	1	5	0	0	1	5
Mrs. S.S. Solapure	Asst. Prof.	M.Tech	2010	9	6	10	0	19	6
Mrs. H.V. Gandhi	Asst. Prof.	M.Tech	2013	5	5	0	0	5	5
Shri. V.N. Honmane	Asst. Prof.	M.Tech	2013	2	6	0	0	2	6
Mechanical Engg.									
Joshi Madhav Sadashiv	Asso. Prof.	M.Tech.	1979	33	0	0	0	33	0
Dr. Ghevade D V	Professor	Ph.D	2013	25	3	2	0	27	3
Dr. Pawar M S	Professor	Ph.D	2002	33	0	7	0	40	0
Mane Shirish Subhash	Asst. Prof.	M.Tech	2012	2	0	0	0	2	0
Kulkarni Harshal H	Asst. Prof.	M.Tech	2014	2	3	0	0	2	3
Dr. Sane Narayan K	Professor	Ph.D	1985	51	0	0	0	51	0
Kale Arvind Kamalakar	Professor	M.Tech	1986	11	0	32	0	43	0
Limaye S H	Asst. Prof.	M.Tech	1990	3	3	28	0	31	3
Dhole D G	Professor	M.Tech	1980	8	3	32	0	40	3
Ranade Sanjay Madhukar	Asst. Prof.	M. Tech	1988	21	4	7	0	28	4
Dhende Vishal Vishwas	Asst. Prof.	M. Tech	2012	4	10	0	0	4	10
Chougale Prasanna Babaso	Asst. Prof.	M. Tech	2016	1	3	0	0	1	3

Full Name of Faculty	Designation	Highest Deg.	High-est Degree Year	Teaching Experience		Experience in Industry/Research Organization		Total Experience	
				Year	Month	Year	Month	Year	Month
Civil Engg.									
Bapat Sharad Shridhar	Asso. Prof.	M.Tech	1982	30	3	5	0	35	0
Ali Mohammed S.	Asst. Prof.	M.Sc.	2005	7	0	3	0	10	0
Desai Ravindra Shashikant	Asstt.Prof.	M.E.	2010	9	0	0	0	9	0
Dr. Gurav Sham Prabhakar	Associate Prof.	PhD	2005	2	0	15	0	17	0
Gadgil Jayant Mahadev	Prof.	M.E.	1979	35	0	0	0	35	0
Bhaganagare Prashant Balu	Asstt.Prof.	M.Tech	2014	1	6	0	0	1	6
Mrs. Chendake Vasudha S.	Asstt.Prof.	M.Tech	2015	1	2	0	0	1	2
Shrile Abhishek Chandu	Asstt.Prof.	M.Tech	2015	1	0	0	0	1	0
Ambekar Rohan Vilas	Asstt.Prof.	BE	2013	6	0	0	0	6	0
Ms. Mohite Sai Sambhajirao	Asstt.Prof.	M.Tech	2014	1	3	0	0	1	3
Electrical Engg.									
Mrs. Karvekar Aditi Sushil	Asst. Prof.	M.Tech	2014	1	0	0	0	1	0
Devne Shubhendu Ramesh	Asst. Prof.	M.Tech	2015	1	5	0	0	1	5
Koushik Arun Mhaskar	Asst. Prof.	M.Tech	2002	3	0	12	0	15	0
Mrs. A Dhamangaokar	Asst. Prof.	M.E.	2016	1	0	4	6	5	6
Mrs. Kulkarni Snehal Deepak	Asst. Prof.	M.Tech.	2015	1	6	0	0	1	6

Regular Diploma Faculties as on June 2017:

Sr. No.	Name of Faculty	Age (Yrs)	Designation	Qualifications	Experience (Yrs)
Mechanical Engineering Department					
1	Kamble Ashok Vishnu	50	Lecturer in Mechanical Engg.	M.E. Mechanical	26
2	Urunkar Deepak Baburao	49	Lecturer in Mechanical Engg.	M.E. Mechanical	24
3	Anuse Bhargawaram Aganu	50	Lecturer in Mechanical Engg.	M.E. Mechanical	24
4	Tikekar Hemant Narayan	50	Lecturer in Mechanical Engg.	M.E. Mechanical	26
Civil Engineering Department					
5	Kulkarni Harshad Purushottam	45	HOD civil Engg	M.E. Civil	22
6	Kadam Kashinath Shankar	53	Lecturer in Civil Engg.	B.E. Civil	30
7	Kulkarni Sunil Narayan	55	Lecturer in Civil Engg.	M.E. Civil	30
8	Chikurde Sunil Vasant	50	Lecturer in Civil Engg.	M.E. Civil, DCS.,DBM	21
9	Kamble Nitin Nivrutti	44	Lecturer in Civil Engg.	M.E. Civil	22
Applied Mechanics					
10	Pophare Sanjiv Mahadeo	49	Lecturer in Applied Mechanics	M.E. Civil	29
11	Dr. Padhye Rajesh Digambarrao	50	Lecturer in Applied Mechanics	M.E. Civil, Ph.D.	20
Electrical Engineering Department					
12	Rajendra Gangaram Bhosale	56	HOD Electrical Engg. I/c VP PW	B.E. Electrical	30
13	Mane Jayawant Yashwantrao	49	Lecturer in Electrical Engg.	B.E. Electrical	26
14	More Adikrao Shamrao	50	Lecturer in Electrical Engg.	M.E. Electrical	25
15	Dr. Apte Narayan Gangadhar	44	Lecturer in Electrical Engg.	M.E. Electrical, Ph.D.	19
16	Bhosale Akshay Rajendra	30	Lecturer in Electrical Engg.	M.Tech. Electrical	07
17	Kamble Sushant Subhash	27	Lecturer in Electrical Engg.	M.Tech. Electrical	04
Electronics Engineering Department					
18	Dr. Dabhole Sanjay hindurao	37	HOD Electronics Engg	M.E. Electronics, Ph.D.	18
19	Dr. Agashe Anil Anant	49	Lecturer in Electronics Engg.	M.E. Electronics, Ph.D.	27
20	Patil Pradeep Bhusaheeb	49	Lecturer in Electronics Engg.	M.E. Electronics	27
21	Sulakhe Vinayak Vishwanath	49	Lecturer in Electronics Engg.	M.E. Electronics	27
22	Narayankar Nitin Siddheshwar	33	Lecturer in Electronics Engg.	M.Tech. Electronics	08
23	Chavhan Sachin Ulhas	33	Lecturer in Electronics Engg.	M.E. Electronics	10
Applied Science Department					
24	Agnihotri Hemant Ramchandra	53	Lecturer in Physics	M.Sc. Physics, DCS	31
25	Dr. Vhankhande Balasaheb Bhimarao	41	Lecturer in Physics	M.Sc. Physics, Ph.D.	18
26	Dr. Yadav Mahadeo Krishna	59	Lecturer in Mathematics	M.Sc. Maths, Ph.D.	31
Average Age		46	Average Experience		22

List of Non-Teaching Staff as on June 2017:

SN	Name of Non-Teaching Staff	Staff Position	Highest Qualification	Date of Joining (Continuous)
1	Mr. Patil V.V.	Accounts Officer	B.Sc.	8/6/2017
2	Mr. Hankare D.B.	Senior Clerk	BA,Blib, Mlib	15.12.1990
3	Mr. Kulkarni P.G.	Senior Clerk	BCom, MA, DCM	15.12.1990
4	Mrs. Pujari S. S.	Senior Clerk	BCom	15.12.1990
5	Mr. Langade R.N.	Senior Clerk	BSc, DCM, DBM	15.12.1990
6	Mr. Mane A. J.	Senior Clerk	BCom	15.12.1990
7	Mrs. Gaikwad V. T.	Senior Clerk	BCom	01.01.1991
8	Mr. Kolpe R. P.	Senior Clerk	SSC, ITI	01.12.1990
9	Mr. Mane S. P.	Senior Clerk	HSC	04.11.1997
10	Mr. Dandekar M. L.	Junior Clerk	BCom	16.08.1995
11	Mr. Kolap D. G.	Junior Clerk	BCom	01.12.1990
12	Mrs. Sakhdeo H. G.	Junior Clerk	BA	13.07.1998
13	Mr. Honkalas Y. D.	Junior Clerk	SSC, ITI	01.12.1990
14	Mr. Honkalas D. D.	Junior Clerk	HSC, ITI	08.09.1995
15	Mr. Ramtirthkar D.B.	Junior Clerk	MCom	30.12.2004
16	Mr. Gramopadhye M.P.	Junior Clerk	SSC	30.12.2004
17	Mr. Sakhare V.M.	Junior Clerk	SSC	01.03.2007
18	Mr. Satpute V.R.	Junior Clerk	BA	29.06.2000
19	Mr. Deshpande S.D.	Junior Clerk	BSc	10.06.2002
20	Mr. Sutar Mayur S.	Junior Clerk	HSC	27.07.2010
21	Mr. Jadhav S.M.	Junior Clerk	BCom	16.08.2010
22	Smt. Shitole J. S	Junior Clerk	BCom	03.06.2004
23	Mr. Soyane H.L.	Junior Clerk	MA.ECO	20.12.2016
24	Mr. Mohite R. J.	Store Keeper	BSc	08.05.1998
25	Mr. Takalikar G. M.	Store Clerk	HSC	01.01.1990
26	Mr. Shaikh V.H.	Store Clerk	BCom	01.03.2007
27	Mr. Jadhav S.R.	Data Entry Operator	BCom, DCS	01.03.2007
28	Mr. Agawane S. B.	Assistant Librarian	BCom, Blib	20.02.2004
29	Mr. Naik A. G.	Computer Prog.	MSc, DCS	04.01.1991
30	Mr. Sanadi B. K.	Foreman	DME	15.07.1994
31	Mr. Nandrekar A. D.	Charge man	DEE	20.04.1989
32	Mr. Bhandari P. V.	Charge man	DME	24.10.1991
33	Mr. Watwe G. G.	Technical Asstt.	MSc.	17.06.1982
34	Mr. Jere R. G.	Technical Asstt.	BSc	04.01.1991
35	Mr. Karmarkar R. B.	Technical Asstt.	BSc.DCS	08.09.1995
36	Mr. Kulkarni A. R.	Technical Asstt.	DEE, BE	04.01.1991
37	Mr. Sutar R. K.	Technical Asstt.	DCE	19.09.1995
38	Mr. Kshirsagar S. W.	Technical Asstt.	BSc	02.03.1998
39	Mr. Patil S.N.	Technical Asstt.	SSC, ITI	04.04.1991
40	Mr. Mahajan S.S.	Survey Inst. Mech.	DCE	08.09.1995
41	Mr. Desai P. M.	Junior D'man	SSC, ITI	04.01.1995

List of Non-Teaching Staff as on June 2017:

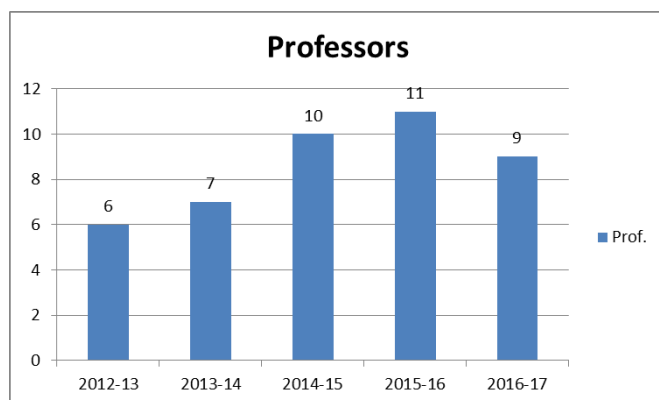
SN	Name of Non-Teaching Staff	Staff Position	Highest Qualification	Date of Joining (Continuous)
42	Mr. Shinde G. S.	Instructor	SSC, ITI	06.06.1983
43	Mr. Mujawar R. S.	Instructor	SSC Fail, ITI	06.06.1983
44	Mr. Kawane D. J.	Instructor	SSC, ITI	15.07.1994
45	Mr. Jadhav V. Y.	Instructor	SSC, ITI	15.07.1994
46	Mr. Ghatge R. G.	Instructor	SSC, ITI	01.12.1990
47	Mr. D.A.Kothali	Instructor	DCE	16.08.1994
48	Mr. Gunde A.A.	Instructor	SSC, ITI	01.03.2007
49	Mr. Tupdale I.B.	Assistant Instructor	SSC, ITI	06.02.1990
50	Mr. Samudre D.W.	Assistant Instructor	9 th , ITI	01.01.1990
51	Mr. Samudre M.J.	Assistant Instructor	SSC Fail, ITI	09.04.1990
52	Mr. Sutar Sanjay S.	Assistant Instructor	9 th , ITI	01.12.1990
53	Mr. Nitave S.N.	Assistant Instructor	DIE	04.07.2012
54	Mr. Salvi A. A.	Electrician	SSC, ITI	04.07.1979
55	Mr. Koli S. B.	General Mechanic	DCE	12.06.1990
56	Mr. Malme R. K.	Plumber	9 th	16.10.1989
57	Mr. Javeer U. S.	Lab. Asstt.	SSC	30.05.1990
58	Mr. Koli B.D.	Lab. Asstt.	SSC	07.03.1989
59	Mr. Joshi V. D.	Lab. Asstt.	SSC, ITI	16.08.1995
60	Mr. Sogate N. S.	Lab. Asstt.	DEE	08.09.1995
61	Mr. Jadhav K. S.	Lab. Asstt.	BCom, DCS	16.10.1989
62	Mr. Sarode R. S.	Lab. Asstt.	HSC	01.12.1990
63	Mr. Bhide M. H.	Lab. Asstt.	DIE, DCS	11.11.1997
64	Mr. Kolpe S. A.	Lab. Asstt.	SSC	29.09.1995
65	Mr. Kolap S.B.	Lab. Asstt.	SSC	01.01.1990
66	Mr. Narayane V.D.	Lab. Asstt.	SSC, ITI	01.12.1990
67	Mr. Sutar Shivaji S.	Lab. Asstt.	SSC, ITI	16.08.1995
68	Mr. Suryawanhsi S.K.	Lab. Asstt.	SSC	08.09.1995
69	Mr. Joshi G.B.	Lab. Asstt.	SSC	24.08.1995
70	Mr. Kamble G.N.	Lab. Asstt.	SSC	08.09.1995
71	Mr. Khandare J.N.	Lab. Asstt.	SSC, ITI	08.09.1995
72	Mr. Kulkarni S.S.	Lab. Asstt.	HSC	29.09.1995
73	Mr. Tupdale S. B.	Lab. Attendants	9 th	01.09.1979
74	Mr. Shivgan S. G.	Lab. Attendants	HSC	29.06.2000
75	Mr. Kalel S. S.	Lab. Attendants	SSC, ITI	23.02.2004
76	Mr. Magdum S. A.	Lab. Attendants	SSC	28.05.2004
77	Mr. Pawar P. R.	Lab. Attendants	SSC Fail	01.01.1990
78	Mr. Suryawanshi N.N.	Lab. Attendants	7 th	10.07.1980
79	Mr. Suryawanshi P.B.	Lab. Attendants	7 th	11.09.1984
80	Mr. Vadar J.H.	Lab. Attendants	9 th	11.10.1989
81	Mr. Shitole A.G.	Lab. Attendants	SSC fail	16.10.1989
82	Mr. Khairmode A.N.	Lab. Attendants	9 th ITI	16.04.1990

List of Non-Teaching Staff as on June 2017:

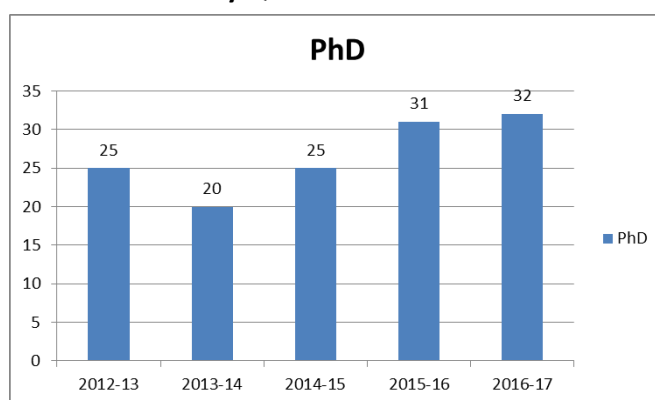
SN	Name of Non-Teaching Staff	Staff Position	Highest Qualification	Date of Joining (Continuous)
83	Mr. Soundade A.V.	Lab. Attendants	3 rd	01.12.1980
84	Mr. Suryawanshi P.D.	Lab. Attendants	9 th	21.07.1988
85	Mr. Yadav S. B.	Lab. Attendants	9 th	06.04.1990
86	Mr. Vichare D. A.	Lab. Attendants	9 th	19.05.1990
87	Mr. Ahire V. T.	Lab. Attendants	SSC Fail	12.12.1990
88	Mr. Gawali M. P.	Lab. Attendants	9 th ITI	01.12.1990
89	Mr. Awale P. V.	Lab. Attendants	SSC	16.08.1995
90	Mr. Ingawale A.P.	Library Attendant	SSC fail, BA	08.09.1995
91	Mr. Jirnale M. C.	Lab. Attendants	SSC Fail	13.10.1995
92	Smt. Pawar K.R.	Lab. Attendants	9 th	10.04.1996
93	Mr. Aiwale S. K.	Lab. Attendants	SSC	13.06.2000
94	Mr. Khalipha I. M.	Hamal	2 nd	18.08.1995
95	Mr. Kamble P. B.	Hamal	8 th	28.05.2004
96	Mr. Bansode M.V.	Hamal	Literate	30.12.2004
97	Mr. Kamble D.A.	Hamal	2 nd	30.12.2004
98	Mr. Tupdale S.T.	Hamal	2 nd	30.12.2004
99	Mr. Ajmane A.P.	Hamal	SSC	30.12.2004
100	Mr. Ubale N.D.	Hamal	9 th	30.12.2004
101	Mr. Gumdale V.M.	Hamal	5 th	30.12.2004
102	Mr. Mali V.Y	Hamal	6 th	30.12.2004
103	Mr. Parit N.L.	Hamal	HSC	01.03.2007
104	Smt. Mane R.B.	Hamal	SSC Fail	01.03.2007
105	Mr. Garate D.B.	Hamal	1 st	30.12.2004
106	Mr. Dhaval S.B.	Hamal	3 rd	30.12.2004
107	Mr. Gurav A.K.	Hamal	3 rd	30.12.2004
108	Mr. Garate M.S.	Hamal	2 nd	30.12.2004
109	Mr. Khandare S.R.	Hamal	7 th	30.12.2004
110	Mr. Mandavkar G.G.	Hamal	3 rd	30.12.2004
111	Mr. Mandavkar R.T.	Hamal	Literate	30.12.2004
112	Mr. Garate Subhash .B.	Hamal	1 st	30.12.2004
113	Mr. Soyane P.T.	Hamal	Literate	30.12.2004
114	Mr. Bawalekar (Baul) V.S.	Hamal	6 th	30.12.2004
115	Mr. Dhaval S.R.	Hamal	3 rd	30.12.2004
116	Mr. Pashte S.B.	Hamal	2 nd	30.12.2004
117	Mr. Bussreddi D.S.	Hamal	BA	06.06.2013
118	Mr. Kshirsagar P.T.	Peon	SSC Fail	20.12.2016
119	Mr. Tupdale F. L	Sweeper	illiterate	01.12.1980
120	Mr. Reddi R. A.	Sweeper	2 nd	16.01.1991

1.4 Faculty qualifications and experience:

Faculty Cadre: Professor



Faculty Qualification: Ph.D.



Registered for Ph.D.: 18

Faculty Qualification

Regular Faculty position: 2016-17

	PhD			PG+UG			Total			Total
	P	AsP	AP	P	AsP	AP	P	AsP	AP	
Civil	2	3	2	0	0	4	2	3	6	11
Mech	3	2	1	0	0	10	3	2	11	16
Elec	1	1	2	0	3	4	1	4	6	11
EIn	1	5	0	0	4	3	1	9	3	13
CSE	1	2	0	0	0	4	1	2	4	7
IT	1	1	2	0	0	4	1	1	6	8
PCM	0	2	0	0	2	3	0	4	3	7
Total	9	16	7	0	9	32	9	25	39	73
Total	32			41			73			

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

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

SN	Title	Qty
1.	Books	HI-55480 +BB-38171= Total Books-93651
2.	Print journals and Magazines	70
3.	E- Journals and E-books	E-Jr-19937 & E-Bk-2163
4.	Total No. of PG Dissertations	2498
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	CD-3357 & DVD-526



Library Internal view



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:



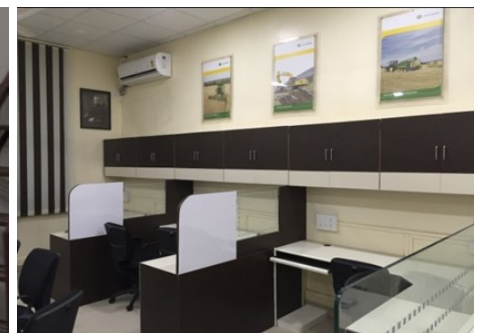
Advanced Manufacturing (AML)/CNC Lab

Total Investment of Rs. 1.5 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
- LASER Machine
- VMC



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



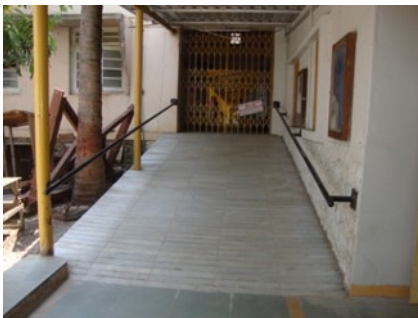
Basket Ball, Kho-Kho facility



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

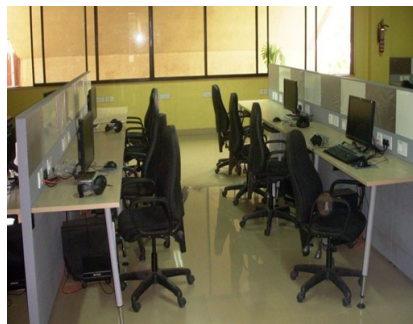
Among other facilities we have Hostels, Mess, Medical Facility, Central Computing Facility, Language Laboratory, Water Filtration and Distribution System



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 2016-17:

- 5th Academic Council Meeting was held at WCE, Sangli on 11th July 2016. Revised Academic Rules and Regulations for UG and PG students are prepared and printed.
- NBA committee visited college during 14th-16th October 2016 for accreditation of 5 Post Graduate programs, namely, Civil-Structural Engineering, Design, Control Systems, Electronics Engineering & Computer Sc. & Engineering (IT). Two programs – Civil-Structural Engg; and CSE (IT) – received accreditation for 5 years.
- Dr. Deepak Shikarpur (WCE 1985 Mech) – a well-known consultant for start-ups, guided faculty and students on 26th August 2016 as part of the activities of the Entrepreneurship Development Cell.
- Mr. Han Id Gun, Mind Education Specialist from South Korea delivered a session on "Introduction to Mind Education" on 20th September 2016. WCE faculty and students attended the session in Tilak Hall.
- Dr. Nilesh Charpe, Nagpur delivered lecture on 'Stress Management' for faculty, staff & students on 1st October 2016.
- Dr. Anil Kakodkar with Dr A. V. Sapre from Rajeev Gandhi Science and Technology Council visited WCE, Sangli on 21st October 2016 and selected three projects of students for TIFAC phase-II funding.
- 6th Alumni Meet was organized at WCE, Sangli on 14th January 2017. Dr. Sadanand Joshi (Mechanical-1972) was felicitated as distinguished alumnus. Dr. Joshi is President of Joshi Technologies International, Inc. (JTI) of Tulsa, Oklahoma, U.S.A. He is a well-known expert in the petroleum industry and has contributed in developing horizontal well technology to produce crude oil and natural gas. MP Shri Sanjay Patil presided over the function. More than 270 Alumni from different branches attended this program.
- Dr. Sadanand Joshi, President of Joshi Technologies International, Inc. U.S.A. also delivered a public lecture on "Global and Indian Oil Manufacturing Scenario", which was attended by public besides the faculty and students of WCE.
- **International Conference** on "Recent Advances in Civil and Environmental Engg- 2017" organized during 4-5th March 2017 by Civil Department. 5 International Faculty from the Netherlands and 5 from IISc and IITs were the keynote speakers.
- Three WCE Students – Ms Pooja Patil, TY (IT); and Ms. Jeffy Thomas SY (CSE) are going to National Technical Universities of Athens, **Greece** and Shri Gaurav Arwade TY (Mech.) to **Ukraine** for 45 days **Internship** during 15th June to 30th July 2017.
- WCE team from CSE department stood Second at '**Smart India Hackathon-2017 Competition**' organized on 2nd April 2017 by Electronics and IT ministry sponsored by MHRD and AICTE. Delhi University came 1st and Dream Institute of Technology, West Bengal got the 3rd prize. 51 Institutes including IITs and NITs were shortlisted for final round. 2 teams from WCE were among these 51 shortlisted teams.
- 25 students from Mechanical, Electrical, and Electronics participated in **eBAJA-2017** competition organized by Society of Automotive Engineers, India (SAEINDIA) at Pithampur, Indore during 22-26, February 2017. Team's goal was to design and build a single-seater, all-terrain vehicle. Out of 45 teams participated 8 could clear all tests. **WCE team AAR-YAN stood 1st in CAE** (Computer Aided Engineering) evaluation and won the Prize of Rs.40000/- and was overall 4th.
- A competition on the theme 'Starting up a Business with Innovative Ideas' was organized by Sangli Miraj Commercial Ventures Pvt Ltd. on 22nd March 2017, WCE teams won the second and the third prizes, handed over by Shri Gopalraje Patwardhan.
- Under Vittiya Saksharta Abhiyan (**VISAKA**) Organized by HRD Ministry 80 students in 5 teams of Students Organization of Technical Activities (**SOFTA**) of WCE, Sangli arranged Road shows, dramas and showing Video on Cashless India in various nearby villages. Students met the Sarpanchs, villagers, shopkeepers, school children's, etc. and took the initiative to teach people different ways to transact cash digitally using Debit/Credit Cards, Online Banking, USSD, UPI, BHIM Application during January 22-28, 2017.
- **MPSC-2017 Results** 3 WCE Alumni were in Top 5. Shri Shrikant Gaikwad (Rank-2: Deputy Collector); Shri Sagar Pawar (Rank-3: DYSP); and Shri Amol Mandve (Rank-5: DYSP);
- **GATE-2017 Results:** Shri Rajawardhan Sarnobat (Mech-2015) AIR-28; Shri Ram More (Mech-2016) AIR-412; Shri Abhishekh Singh (Civil-2015) AIR-49;
- **CAT-2017 Results:** Shri Rishi Rathi - CAT Score 99.57% & secured admission in IIM Kozhikode.
- In **Badminton** and **Chess** Boys teams stood **1st in Zonal** and **Inter-Zonal** Tournaments. In **Table Tennis** Boys and Girls teams stood **1st in Zonal** Tournament. Boys **Cricket** Team was **runner up** in Zonal Tournament and semi-finalist in Inter Zonal. Shri Prashant Patil selected for University level team in cricket.
- Shri Rajkumar Choudhary, SY M.Tech. (CSE-IT) stood **6th in 21 km** Shahid Ashok Kamte Marathon, Sangli held on 5th March 2017.

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	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Int. Journal	31	47	92	97	63	331
Nat. Journal	3	4	10	8	11	37
Int. Conference	47	44	36	89	68	284
Nat. Conference	29	13	11	11	80	144
Total	110	108	149	205	222	796

Department	International Journal	International Conference	National Journal	National Conference
Civil	17	14	7	2
Mechanical	8	12	1	77
Electrical	2	3	0	0
Electronics	17	12	1	1
Comp. Science	5	30	0	0
Info. Technology	14	2	2	0
General Science	0	0	0	0
Total	63	68	12	80

Details of Research Papers 2016-17:

Civil Engineering Department

S N	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	Int. Journal	An Evaluation Of Seismic Response Reduction Factor For Irregular Structures Using Non Linear Static Analysis,	Bholebhavi, R D & Inamdar, V.M	Int. Jr. of Innovation Research in Sci. Engg. & Tech. Vol.5(5), 01-12	May 2016
2	Int. Journal	Performance Evaluation of An Integrated On-Site Grey Water Treatment System in A Tropical Region,	Patil, Y.M & Munavalli, G. R	Ecological Engg 95 492-500, 27-35	2016
3	Int. Journal	Treatability Study for River Water with Moringa Olivera And Nirmali Seeds	Gaikwad, V.T & Munavalli, G. R	Int. Jr. of Res. In Engg & Tech., 36-44	2016
4	Int. Journal	Water Quality In Premise Plumbing System-A Review	Kamble, S. D Munavalli G. R	Int. Jr. of Res. In Engg & Tech., 36-44	2016
5	Int. Journal	Use Of Aloe Vera As Coagulant Aid In Turbidity Removal	Gulmire, A. A Munavalli, G. R	Int. Jr. Of Res.In Engg & Tech., 45-48	2017
6	Int. Journal	Fluctuation in Wastewater Characteristics: A Case study	Munavalli G. R., Sonavane P. G. & Deshpande G. V.	Int. Jrnl of Advance Res. in Sci. & Engg ISSN 2319-8354 Vol. 6,(8)	August 2017
7	Nat. Journal	Evapotranspiration study in sludge treatment constructed wetland	Garud G M & Munavalli G R	Int. conf. on Tech.I advances in climate-smart agriculture & sustainability SRTM Uni. Res. Jrnl of Sci, Vol 5, ISSN:2277-8594.	16-18 January 2017,
8	Nat. Journal	Assessment Of Water Distribution System Of Industrial Area-A Case Study	Chaudhari, M. C Gumaste, K. S & Munavalli, G. R	49 th Annual Conven.of IWWA On "Smart Water Mgmt," 13-19	2017

S N	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
9	Nat. Journal	Hydraulic Assessment of Water Distribution System-A Case Study	Gotipamul, M.D Munavalli, G. R	49 th Annual Conven.of IWWA On "Smart Water Mgmt," 20-26	2017
10	Int. Conference	Water quality monitoring of Krishna river in the vicinity of Sangli	Kavathekar B.R. & Munavalli G R.	3 rd Int. conf. on Applied sci. engg & tech, Sri Sairam college of engg., Anekal,	18-19 th May, 2017.
11	Int. Conference	Performance evaluation of two stage modified multi-species vertical flow constructed wetland for domestic wastewater treatment	Kerkar D. D. and Munavalli G. R.	3 rd Int. conf. on Applied sci. engg & tech, Sri Sairam college of engg., Anekal,	2017
12	Int. Conference	Study of raw water characteristics of Miraj WTP and optional coagulation strategies	Dopare N. A. and Salkar V. D.	International Conference on Recent Advances in Civil and Environmental Engineering, Sangli	4-5 March 2017
13	Int. Conference	Environmental Management Planning for a textile Dyeing Industry: A Case Study	Patil Kashmira and Salkar V. D.	2nd International Conference on Internet of Things & Applications for Smart City (ICIOTAS -17)	27-28 April 2017
14	Int. Conference	Artificial Floating Islands as Eco-Engineered Remedy: A Review	Baji P. V. and Salkar V. D.	2nd International Conference on Recent Challenges in Engineering and Technology (ICRCET-17)	23-24 Feb 2017
15	Int. Journal	Experimental Study on Electrocoagulation of Textile Wastewater by Continuous Horizontal Flow through Aluminum Baffles	Mayur Ubale and Vitthal Salkar	Korean Journal of Chemical Engineering 34(4), Springer	17-Dec-16
16	Int. Conference	Roughing filter as water treatment technology in rural areas of developing countries	Deshpande V. P. and Salkar V. D.	International Conference on Recent Advances in Civil and Environmental Engineering, Sangli	4-5 March 2017
17	Int. Conference	Geotechnical Investigations of Soil: A Case Study of Pakhi Landslide, Garhwal Himalaya, Uttarakhand, India	Gaikwad, Kumthekar, Deshpande and Chikurde	International Conference on Recent Advances in Civil and Environmental Engineering, Sangli	4-5 March 2017
18	Int. Conference	Flood Hazard Mapping and Mitigate Recommendation alongwith Developmental Activities in a Stretch of Koyana River near Helwak using Geoinformatic Tools	Thulang, Deshpande and Bhandure	International Conference on Recent Advances in Civil and Environmental Engineering, Sangli	4-5 March 2017
19	Int. Conference	Watershed Management of Khokar Nala by using Remote Sensing and GIS	Shirke, Deshpande and Gayke	International Conference on Recent Advances in Civil and Environmental Engineering, Sangli	4-5 March 2017
20	Nat. Journal	Feasibility of a hybrid bioreactor to recycle domestic wastewater	SaiMohite, P.G.Sonavane & Akanksha Patil	International conference on waste management, IIT Guwahati	Apr-16

S N	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
21	Nat. Conference	Impact Assessment of Open Dump Site on Groundwater Quality: A Case Study	Abhishek P. Dudhgundi & P. G. Sonavane	49th Annual Convention of IWWA on "Smart Water Management" at VNIT Nagpur	January 19 -21, 2017
22	Nat. Conference	A Review On Package Treatment Systems For Domestic Wastewater	Laxmikant D. Siddhe & P. G. Sonavane	49th Annual Convention of IWWA on "Smart Water Management" at VNIT Nagpur	January 19 -21, 2017
23	Int. Journal	Multiobjective Optimisation Strategy for Seismic Response Control of Buildings using Genetic Algorithm	Ravindra S. Desai and Shrirang N. Tande	International Journal of Engineering Trends and Technology (IJETT), Vol. 49, Issue 4, PP 256-264, ISSN: 2231-5381	1 July, 2017
24	Int. Journal	Shape Optimization of Tall Structures Subjected to Wind Excitation	Vikram Patki and S. N. Tande	International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 07 PP 1218-1222, ISSN: 2395-0072.	07, July 2017
25	Nat. Journal	Estimation of spectral velocity at long periods for application in velocity dependant seismic energy management devices	R. S. Desai and S. N. Tande	Journal of Structural Engineering (SERC), Vol. 44, No. 1, PP 14-22.	April - May 2017
26	Int. Conference	Seismic Performance of Self Supporting Telecommunication Tower	Kadam S.B. and Choudhari C	3rd International Conference on "Advances in Steel, Power and Construction Technology" organized by OP Jindal University, Raigarh (CG) Raigarh, India	22-23 March, 2017
27	Int. Conference	Seismic Response Reduction factor for Irregular Structure using Non Linear Analysis	Kadam S.B. and Bholebhavi R.	3rd International Conference on "Advances in Steel, Power and Construction Technology" organized by OP Jindal University, Raigarh (CG) Raigarh, India	22-23 March, 2017
28	Int. Conference	A Review on Daylight Availability and Energy Saving Potential in Buildings	Sharma A. N. and Gumaste K. S.	3rd International conference on Applied science engineering and technology, Sri Sairam college of engg., Anekal, 18th to 19th May, 2017.	May-17
29	Int. Conference	Experimental Investigations on Bond Interface Strength of Reaction Powder Concrete	J. P. Bhusari and K. S. Gumaste	International Conference on Recent Advances in Civil and Environmental Engineering, Sangli	4-5 March 2017

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30	Int. Conference	Passive Design Strategies for Thermal Comfort-A Review	Bijwe P. S. and Gumaste K. S.	3rd International conference on Applied science engineering and technology, Sri Sairam college of engg., Anekal, 18th to 19th May, 2017.	May-17

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SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	Int. Journal	Analysis of Response variables in WEDM of Inconel - 718 using Taguchi Technique,	U.A. Dabade & S.S. Karidkar	48 th CIRP conf. on Manufacturing Systems, 41,	2016
2	Int. Journal	Comparative Analysis of Metaheuristic Approaches for m-Machine No Wait Flow Shop Scheduling for minimizing Total Flow Time with Stochastic Input,	Laxmi A. Bevoor, V. Chandra Prakash & S.U. Sapkal	Int. Journal of Engg and Technology (IJET), Vol. 8, No. 6, pp. 3021-3026	2016
3	Int. Journal	Experimental Investigations during Dry EDM of Inconel-718,	U.A. Dabade & Amar Bhandare	iMEC-APCOMS 2015/IOP Conf. Series: Materials Sci. and Engg, 114 (012035), 2016	2016
4	Int. Journal	Experimental Analysis of Al/SiCp Metal-Matrix Composites during Hot Machining”	U.A. Dabade & M.R. Jadhav	48 th CIRP conf. on Manufacturing Systems, 41,	2016
5	Int. Journal	Multi-Objective Optimization in Hot Machining of Al/SiCp Metal Matrix Composites”,	U.A. Dabade & M.R. Jadhav	iMEC-APCOMS 2015 / IOP Conf. Series: Materials Science and Engineering, 114 (012122), 2016	2016
6	Int. Journal	Experimental Investigation and Optimization of Response Variables in WEDM of Inconel – 718”,	U.A. Dabade & S.S. Karidkar	iMEC-APCOMS 2015/IOP Conf. Series: Materials Sci. and Engg, 114 (012121), 2016 doi: 10.1088/1757-899X/114/1/012121	2016
7	Int. Journal	Analysis of Response variables in WEDM of Inconel - 718 using Taguchi Technique”,	U.A. Dabade & S.S. Karidkar	48 th CIRP conf. on Manufacturing Systems, (CIRP CMS 2015), 41, pp 886 – 891.	2016
8	Int. Journal	Experimental Analysis of Al/SiCp Metal-Matrix Composites during Hot Machining,	U.A. Dabade & M.R. Jadhav	48 th CIRP conf. on Manufacturing Systems, (CIRP CMS 2015), 41, pp 914 – 919.	2016

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9	Nat. Journal	Investigation of High Pressure Coolant Assisted Turning of Inconel 718 Using Taguchi and RSM Based Desirability Function, CMTI,	U.A. Dabade & S. J. Raykar,	Manufacturing Technology Today, Vol 15, No 9, pp. 22-30	2016
10	Int. Conference	Modelling and Simulation of Al/SiCp MMCs during Hot Machining,	U.A. Dabade & M.R. Jadhav	Proc of the ASME 2016 Int. Mechanical Engg Congress & Exposition	2016
11	Int. Conference	Finite Element Modeling and Simulation of Inconel 718 using WEDM”,	U.A. Dabade & S.S. Karidkar	“Proc. of the ASME 2016 Int. Mechanical Engng Congress & Exposition	2016
12	Int. Conference	Optimization of Wire Electrical Discharge Machining (WEDM) Parameters for Slicing of Polycrystalline Silicon Ingots using Taguchi Grey Relational Analysis,	U.A. Dabade, S.R. Babar, Kamlesh Joshi, & Pradeep Dixit	Proc of 6 th Int. and 27th All India Manufacturing Technology, Design and Research (AIMTDR) Conf.	2016
13	Int. Conference	An experimental Investigation into Carbon Nanofiber Assisted (CNF) Micro-Electro Discharge Machining (μ EDM) of Ti-6Al-4V Alloy,	U.A. Dabade, P.B. Chougule, & R.G. Mote	Proc of 6 th Int. and 27th All India Manufacturing Technology, Design and Research (AIMTDR) Conf.	2016
14	Int. Conference	Setup Time Reduction Using SMED Technique: A Case Study,	U.A. Dabade, R.M. Raut, & D. G. Dhole	Proc. of 1 st Int. Conf. on Materials, Manufacturing & Design Engg by DBATU	2016
15	Int. Conference	Optimization of High Pressure Assisted Turning of Inconel 718 Using Topsis	U.A. Dabade & S. J. Raykar,	Proc. of 1 st Int. Conf. on Materials, Manufacturing & Design Engg by DBATU	2016
16	Int. Conference	Application of heuristic methods for solving flow shop scheduling problems	D.A. Sawant, S.U. Sapkal, & M.S. Pawar	Int. Conf. on Advanced Tech.s for Societal Applications, SVERIs CoE, Pandharpur	2016
17	Int. Conference	Multi-Objective Optimization of Photochemical Machining by Using GRA”,	G.R. Rathod, S.U. Sapkal, & R.M. Chanmanwar	Int. conf. on Advanced Materials, Manufacturing, Mgmt and Thermal Sci. at SIT, Tumkuru.	23-24 th September 2016
18	Int. Conference	Analysis of Micro-texture Geometrical Deviations in Wet Chemical Machining	S.V. Gandhi, R. M. Chanmanwar, & S.U. Sapkal	Int. conf. on Materials, Manufacturing and Design Engg at DBATU, Lonere, P. 396.	2016
19	Int. Conference	Design and development of step climbing wheelchair,	Dr. M. M Khot, Mr. Anurag Gumaste	20 th int. conf. on progress in production, mechanical automobile, pp-1-4	2016
20	Nat. Conference	Welding Parameters Optimization of MMAW for Hardness,	Patil N. V., Sapkal S. U., & Admuthe A. B.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 80	2016

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21	Nat. Conference	Resource Planning and Scheduling Model for Automotive Prototype Manufacturing,	Bakhle S. J., Dabade U.A , Vaidya N.K., & Nandikar A. B.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 85	2016
22	Nat. Conference	A Review on Effect of Various Parameters on Deep Drawing Process,	Patil Pradeepkumar & Inamdar K. H.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 90	2016
23	Nat. Conference	Production Forecasting Using Artificial Neural Network, Regression and Moving Average- A Case Study,	Kanake Vikas, & Chougule R. G.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 96	2016
24	Nat. Conference	The Effects of Process Parameters on Surface Roughness in WEDM,	Karidkar Sunil S., Dabade Uday A.	Nat. Conf. on Recent Trends in Mechanical	2016
25	Nat. Conference	An Experimental Evaluation on Formability of AA7075 Using Single Point Incremental Forming Process,	Ingle J.V. & Dhole D.G.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 107	2016
26	Nat. Conference	Improvement in The Efficiency Of Engine Assembly Workstations Using Quality Tools- A Case Study,	Pallod A. J., Dabade U.A., P & awar M. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 113	2016
27	Nat. Conference	Reduction in Rejection Rate in Automobile Industry Using DMAIC Methodology – A Case Study,	Gaware M. S., Inamdar K. H., & Pawar M. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 126	2016
28	Nat. Conference	The Use of Statistical Process Control Technique in The Manufacturing Industry - A Case Study,	Birajdar M. L., Dabade U.A., Pawar M. S., Gadekar S. G.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 138	2016
29	Nat. Conference	Productivity Improvement of Aluminum Parts Processing Line in Manufacturing Company,	Kadam Netaji, Sapkal S. U., & Doundkar D. L.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 144	2016
30	Nat. Conference	Tool Wear Analysis While Turning Inconel -718 With High Pressure Coolant,	Raykar S. J., & Dabade U. A.	Nat. Conf. on Recent Trends in Mechanical	2016
31	Nat. Conference	A Review on Value Stream Mapping as Lean Implementation Tool,	Joshi A. A., & Sapkal S.U.	Nat. Conf. on Recent Trends in Mechanical	2016
32	Nat. Conference	Productivity Improvement of Housing Rocker Lever Machining Line: A Case Study	Patil S. S., Deshpande S. P., Dhole D. G.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 172	2016
33	Nat. Conference	Productivity Improvement Using Continuous Assembly Line: A Case Study,	Gosavi Sujata, Dabade U.A., & Oswal Mukesh	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 178	2016
34	Nat. Conference	A Case Study on Bill of Material Management and Process Simulation of Vise Assembly in	Patil T. B., Pujari Avadhut, &	Nat. Conf. on Recent Trends in Mechanical	2016
35	Nat. Conference	Application of Parametric Approach for Component Cost Estimation – A Case Study,	Gaikwad V. M., Chougule Rahul	Nat. Conf. on Recent Trends in Mechanical	2016

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36	Nat. Conference	Productivity Improvement of Machine Shop by Implementing Lean Manufacturing Techniques,	Chougule S., Chougule R. G., Bali S. C. , Gupta J.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 208	2016
37	Nat. Conference	Parametric Optimization of Laser Drilling Process– A Review,	Satpute Y R., Inamdar K. H.	Nat. Conf. on Recent Trends in Mechanical	2016
38	Nat. Conference	Review on Casting Defect Analysis and Parameter Optimization Using Various Techniques,	Karape A. S., Inamdar K. H.	Nat. Conf. on Recent Trends in Mechanical	2016
39	Nat. Conference	Review on Effect of Variables on Resistance Spot Welding,	Jaiswar A., Inamdar K. H., Pawar M. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 226	2016
40	Nat. Conference	Improvement of Surface Finish of Turning Operation Using Particle Damper,	Mehata Revati, & Kale Arvind	Nat. Conf. on Recent Trends in Mechanical	2016
41	Nat. Conference	Outsourcing Decision In Manufacturing Industry by a Developed Expert System -A Case Study,	Katkar R. S, & Pawar M. S.	Nat. Conf. on Recent Trends in Mechanical	2016
42	Nat. Conference	Analysis of Deep Drawing Process of Asymmetric Rectangular Part Using ANOVA And Thinning Rate Prediction Using Regression,	Dhankani Y. D., Dhole D.G., Kam-lakar S., & Ma-shalkar A.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 254	2016
43	Nat. Conference	Survey of Heuristic Methods for No-Wait Flow Shop Scheduling Problem,	Sawant D. A., Sapkal S. U., & Pawar M. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 293	2016
44	Nat. Conference	Ultrasonic Vibration Assisted Electrical Discharge Machining –A Case Study,	Sapkale Snehal, Jagtap Ruturaj, & Dabade U. A.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 298	2016
45	Nat. Conference	Development of Thin Film Coating of CNT for Tools Used in EDM Processes	Shirguppikar S. S., Patil M. S., Dabade U.A., & Ganachari V. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 304	2016
46	Nat. Conference	Condition Monitoring of Hydraulic Press for Fault Diagnosis and Prognosis	Jadhav Vish-wajeet , Chougule Rahul , & Shah Ulhas	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),321	2016
47	Nat. Conference	3D Printer Prototype Using Fused Deposition Modelling,	A.B. Bagal, S.G. Wagale, S.S. Mujawar, K.D. Ghorpade, A.G. Gaitonde, & R.M. Chan-manwar	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),328	2016
48	Nat. Conference	Experimental Investigation on the Effect of Pre-heating Temperature on Cutting Forces During	Jadhav M. R., & Dabade U. A.	Nat. Conf. on Recent Trends in Mechanical	2016

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49	Nat. Conference	Implementation of Lean Manufacturing Principles for Cylinder Head Core Shop in Foundry-A Case Study,	Mane S. S., & More S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),341	2016
50	Nat. Conference	Robust and Optimum Gating Design by Simulation: A Case Study,	Bhat J. S., & Mane S. S.	Nat. Conf. on Recent Trends in Mechanical	2016
51	Nat. Conference	Electricity Generation by Using Gym Cycle,	Sapkal S. U., Mali N. N., Shirke A. C., Kamble S. R., Nanaware S. V., & Naikwade P. P.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),361	2016
52	Nat. Conference	Thermal Performance Validation of Economizer by Using CFD Analysis,	Patil A. M., Sane N. K., Gawali B. S., Gaikwad J. U., & Vaidya K.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 366	2016
53	Nat. Conference	Thermal Design of Super heater, Economizer, Reheater and Evaporator in Concentrating Solar Thermal Power Plant,	Thorat S. S., Sane N. K., Gawali B. S., Kabra V., & Gavali A.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),377	2016
54	Nat. Conference	Pressure Drop for Low Pressure (Vacuum) Pure Steam Condensing Inside Smooth Horizontal Tubes,	Lalwani B. V., Babu P., Sane N. K., & Gawali B. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 382	2016
55	Nat. Conference	Steady State Analysis of a Nuclear Fuel Assembly,	Thengil Sagar , Kumar Naveen, Ghewade D.V., & Parishwad G. V.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),388	2016
56	Nat. Conference	Oil Separation Calculation in Single Compressor Chiller,	Dulange Anand, Gawali B. S., & Bhadade Vivek.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),437	2016
57	Nat. Conference	Design and Analysis of High Pressure Feedwater Heater	Ambulgekar S. D., Gawali B. S., Sane N. K., Kabra V., & Gavali A.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),444	2016
58	Nat. Conference	Transient Behavior of Flow for High Pressure Natural Circulation System,	Sonkamble Ashvin, Kumar Naveen, Sane N. K., & Gawali B. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),450	2016
59	Nat. Conference	Alternative Dry Gas Seals And O-Ring Design For Oil Free Compressor,	Chougule S. R., Ghewade D. V., & Gawali B. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),456	2016
60	Nat. Conference	Pressure Drop And Flow Distribution in Z Type Arrangement,	Khanapure Harshal, Gawali B. S., Sane N. K.,	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),462	2016

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60	Nat. Conference	Performance Improvements in Multistage Multivaporator Refrigeration System Using Helical Coil Heat Exchanger as Intercooler,	Damkonde P. P., & Joshi M. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),467	2016
61	Nat. Conference	Performance Analysis of Central Air Conditioning Plant for Seminar Hall,	Bhagare Vishal, & Joshi M. S.	Nat. Conf. on Recent Trends in Mechanical	2016
62	Nat. Conference	Experimental Analysis of Compressor for Pulse Tube Cryocooler,	Korhalkar Akshay, & Gawali B. S.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),491	2016
63	Nat. Conference	Exergy Analysis of Aqua Ammonia Vapor Absorption System Components,	Madrewar R. R., & Joshi M. S.	Nat. Conf. on Recent Trends in Mechanical	2016
64	Nat. Conference	Analysis and Reduction of Heat Generation in Meshing Gears,	Ghewade D. V., Nagarale S. S., & Pandav A. N.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),512	2016
65	Nat. Conference	Quality Improvement In Design Process of Shell & Tube Type Heat Exchanger by Computer Integrated 3D Modeling,	Mane V. M., & Ghewade D. V.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),517	2016
66	Nat. Conference	Design, Modelling and CFD Analysis of Submersible Vertical Turbine Pump (Polder Pump),	Dabade S. P., & Gajendragadkar Jayant.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),542	2016
67	Nat. Conference	Finding the Location of Unbalance in Single Trial Run,	Desai Kedar, Kale Arvind, & Paranjpe Amar.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),, 553	2016
68	Nat. Conference	Design of Radially Split Double Suction Double Stage Centrifugal Pump,	Sutar Vikram, Chavan. S. P., & Patil. N. N.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),574	2016
69	Nat. Conference	A Review on Life Prediction in Creep-Fatigue Interaction and Tools,	Mujawar Shoeb, Nagose Rajesh, & Kale Arvind.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),580	2016
70	Nat. Conference	Design and Development of Engine Operated Mini Cultivator and Weed Controller	Rukade Akshaykumar, & Limaye S. H.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),619	2016
71	Nat. Conference	Design and Analysis of Pressure Vessel,	Olekar Martand, Patwardhan M.B., & Ramdurgkar Bhooshan.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 623	2016
72	Nat. Conference	Experimental Setup to Study Flow Induced Vibrations Through Straight Pipes	Chougule Rakesh, & Limaye S. H.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),627	2016
73	Nat. Conference	Design and Development of Hydraulically Operated Ball Bearing Radial and Axial Clearance Test Rig,	Salunkhe R. R., & Limaye S. H.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 633	2016
74	Nat. Conference	A Review on Axial Thrust Prediction Approaches in Centrifugal Pump,	Kulkarni Pranav, Patwardhan M. B., & Patil Santosh.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),636	2016

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75	Nat. Conference	Performance Analysis of Vibratory Conveyor Driven By Spring Aided Elastic Connecting Rod,	Pawar Rohit, & Limaye S.H.	Nat. Conf. on Recent Trends in Mechanical	2016
76	Nat. Conference	Analysis of Ride Quality for off Road Vehicle By Modifying the Seat Suspension,	Patil Ashvin, & S.S. Mane	Nat. Conf. on Recent Trends in Mechanical	2016
77	Nat. Conference	Inline Engine Force Balancing for Reduction of NVH,	Gaikwad Uday Gajanan, & Gajendragadakar J.G.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 678	2016
78	Nat. Conference	Performance Prediction and Validation of Api Bb4 Pump Using CFD,	Pisotre Manjunath, Khot M. M., & Patil Nilesh.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),682	2016
79	Nat. Conference	Design and Development of Vibratory Bowl Feeder System,	Kadam Abhijit, & Mane Shirish.	Nat. Conf. on Recent Trends in Mechanical	2016
80	Nat. Conference	Theoretical And Experimental Analysis of Variable Wire Diameter, Variable Pitch Helical Compression Spring in Context With Transmissibility,	Bille Suhas, & Chavan S.P.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 701	2016
81	Nat. Conference	Design, Analysis of Flexure Bearing For Linear Compressor,	Bande Mayur, Wadkar Suresh, & Khot Maruti.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),706	2016
82	Nat. Conference	Design, Analysis of Two Axis Vibration Testing Machine,	Dahe Sangram, & Limaye S.H.	Nat. Conf. on Recent Trends in Mechanical	2016
83	Nat. Conference	Design of Boiler Support Structure Using Is 800:2007 Code,	Jadhav Dhiraj, & Wadkar S. B.	Nat. Conf. on Recent Trends in Mechanical	2016
84	Nat. Conference	Design and Fabrication of Rotating Beam Fatigue Testing Machine,	Kaldhone Priyanka N., Bhandare Aparna A	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 728	2016
85	Nat. Conference	Design and Performance Analysis of Vertically Suspended Centrifugal Pump,	Dhende Shakti, Khot M.M., & Patil N. N.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),733	2016
86	Nat. Conference	Design, Development and Testing of Un-Lubricated Mechanical Seal for Reciprocating Compressor,	Dumada Santosh, Khot. M.M., & Kale. A.K.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),739	2016
87	Nat. Conference	Analysis of Ideal Two Degree Freedom Spring Mass Damper System Using Matlab,	Shinde Abhijeet, Biradar Sagar, & Chumble R. P.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),744	2016
88	Nat. Conference	Dynamic Performance Analysis of A Spring Mass DVA And Cantilever DVA,	Kudmate Nilesh, & Chumble R. P.	Nat. Conf. on Recent Trends in Mechanical	2016

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89	Nat. Conference	Vibration Study of Self Aligning Ball Bearing in Presence of Localized Defects on Races,	Kadam Aniket, & Wadkar Suresh.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1),754	2016
90	Nat. Conference	Transmission Noise and Vibration Refinement by Theoretical and Experimental Tools,	Mulla Jahid, Kulkarni Shriram. K., & Wadkar S.B.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 759	2016
91	International Conference	A Review on effect of process parameters of resistance welding	Gajanan S. Gaikwad Dr. Prof. K H. Inamdar	5th International Conference on Recent Trends in Engineering, Science & Management PGMCOE Pune	2016
92	Nat. Conference	Study and Investigation of Application Mountings and its Arrangement on Chassis	Patil Ramsing K., & Wadkar S. B.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 765	2016
93	International Conference	Factors Affecting Quality of Plasma Arc Cutting Process: A Review	Sagar S. Pawar Dr. Prof. K H Inamdar.	5th International Conference on Recent Trends in Engineering, Science & Management, PGMCOE Pune	2016
94	Nat. Conference	Equipment Performance Improvement Through Vibration Analysis in Sugar Plant	Mahadik S., Ghewade D. V., & Yadav.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 770	2016
95	International Conference	A Review on Process Parameters Affecting Aluminium Extrusion Process	Atish S. Chahare Dr. Prof. K H. Inamdar	5th International Conference on Recent Trends in Engineering, Science and Management PGMCOE Pune,	2016
96	Nat. Conference	A Study of Static and Dynamic Characteristic of Helical Compression Springs With Varying Wire Diameter,	Patil Suraj, & Gajendragadkar Jayant.	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 781	2016
97	International Conference	A Review on Casting Simulation for Defects Reduction using AUTOCASE	Mahesh N. Jadhav Dr. Prof. K H.Inamdar	5th International Conference on Recent Trends in Engineering, Science and Management PGMCOE Pune	2016
98	Nat. Conference	Design, Development and Manufacturing of Domestic Water Flow Meter and its Test Rig,	Mane Pravin, Garad Sneha, Shinde Sheetal, Lohakare Pranjali, & Jagtap Nikita	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 791	2016
99	Nat. Conference	Powder assisted electro-discharge machining- A review	P.B. Chougule and U.A. Dabade	Nat. Conf. on Recent Trends in Mechanical Engg, Vol 1 (1), 33	2016

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100	Int. Journal	Comparative Analysis of Metaheuristic Approaches for Makespan Minimization for No Wait Flow Shop Scheduling Problem,	Laxmi A. Bevoor, V. Chandra Prakash & S.U. Sapkal	Int. Journal of Electrical & Computer Engg (IJECE), Vol. 7, (1), pp. 417-423	2017
101	Int. Journal	Multi-objective optimization of photochemical machining by using GRA,	G.R. Rathod, S.U. Sapkal & R.M.	Materials Today: Proc, Vol. 4, No. 10, pp.	2017
102	Int. Journal	Gating Design Optimization for Improvement in Yield of Casting	Mahesh N. Jadhav Dr. Prof. K H. Inamdar	IJRSET, Issue 5, Vol. 6	2017
103	Int. Journal	Analysis of Micro-texture Geometrical Deviations in Wet Chemical Machining,	Gandhi S.V., Chanmanwar R. M. & Sapkal S.U.	Advances in Intelligent System Research, Vol. 137, pp.142-147	2017
104	Int. Journal	Analysis of Heat Affected zone in Plasma Arc Cutting of SS 316L Plates	Sagar S. Pawar Dr. Prof. K H Inamdar	International Journal of Innovative Research in Engineering and Technology	2017
105	Int. Journal	Fuzzy Based Optimization of Aluminium Extrusion Process	Atish S. Chahare Dr. Prof. K H. Inamdar	International Journal of Innovative Research in Science, Engineering and Technology, Volume 6	2017
106	Int. Journal	Parametric Optimization of Seam welded AISI 1015 mild steel for Nugget Width	Gajanan S. Gaikwad Dr. Prof. K H. Inamdar.	International Journal of Innovative Research in Engineering and Technology, Vol. 6, Issue 5	2017
107	Nat. Conference	Experimental Analysis of Plasma Arc Cutting Process for SS 316l Plates	Sagar S. Pawar Dr. Prof. K H Inamdar	6th National Conference of Recent Developments in Mechanical Engineering MESCOE Pune	2017
108	Nat. Conference	Numerical Optimization of Grey C.I. Casting using Simulation	Mahesh N. Jadhav Dr. Prof. K H. Inamdar	6th National Conference of Recent Developments in Mechanical Engineering MESCOE Pune	2017
109	Nat. Conference	Effect of process parameters on quality of seam welded AISI 304L	Gajanan S. Gaikwad Dr. Prof. K H. Inamdar	1st National Conference on Mechanical Engineering in Next Decade GCOE Karad	2017
110	Nat. Conference	Optimization of Aluminium Extrusion Process using Taguchi Method	Atish S. Chahare Dr. Prof. K H. Inamdar	6th National Conference of Recent Developments in Mechanical Engineering MESCOE Pune	2017

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
111	Int. Conference	Machine Operational Availability Improvement by Implementing Effective Preventive Maintenance Strategies – A Review and Case Study,	Tejas Kolte & Uday Dabade	Proc of Int. Conf. on Emerging Trends in Engg, Technology and Architecture	2017
112	Int. Conference	A Review and Case study on Reverse micro-Electrical Discharge Machining Process,	Rhaturaj Jagtap & Uday Dabade	Proc of Int. Conf. on Emerging Trends in Engg, Technology and Architecture	2017

Electrical Engineering Department

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	Int. Conference	NA	Prof. Dr. A. P. Vaidya & R. P. Hasabe	System Reliability and Sci. (ICSRS 2016) Paris, France	2016
2	Int. Journal	Comparative Study of Multilevel Inverter Topologies Application with Photovoltaic Cell	Souras Ghotekar & R.P. Hasabe	NA	2017
3	Int. Journal	Cascaded H-Bridge Multilevel Inverter Based DSTATCOM for Power Quality Improvement	Jagdish Kayasth & R.P. Hasabe	NA	2017
4	Int. Conference	Design and Implementation of Sensorless Vector Control of Induction Motor Drive Using Fuzzy Adaptive Controller	Sushil Karvekar, Chetan Rajgire, & Mona Wankhede	NA	2017
5	Int. Conference	Optimization of PID Controller for Automatic Voltage Regulator System	Sushil Karvekar, Chetan Rajgire, Mona Wankhede	NA	2017

Electronics Engineering Department

SN	Type of Publication	Title of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	Nat. Journal	Restaurant ordering Billing and database Monitoring system,	Alwekar, A.N. & Dr. Ruikar S.D.	IJAICT Vol. 3	2016
2	Int. Conf.	Computing Attainment of Program Outcomes by Associating Credit Based Weight Factor of the Components of Curriculum	Subbaraman S Dharmadhikari, V.B, & Patil, B.G		2016
3	Int. Conf.	A Multi-Channel Embedded Gateway for Cyber Physical System with Security Feature, International Conference on Advancements in Automation, Robotics and Sensing to be conducted	Mr. S.G. Tamhanekar, & Dr. F. S Kazi		2016
4	Int. Journal	Health Parameters Monitoring System	Mr. Swapnil Gaikwad, Ms. Ankita Thote, Mr. Palash Meshram, Prof. S. D. Ruikar,	International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169, Volume: 4 Issue: 4, IJRITCC	2016

SN	Type of Publication	Title of Paper	Name of Author	Journal/Conference Details	Date of Publication
5	Int. Journal	Robotic Remote Surveillance and Control through Speech Recognition	Ms. Isha P. Tamhankar, Mr. Sukrut B. Tamhankar, Mr. Somesh P. Patil, Prof. Sachin D. Ruikar	International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169	2016
6	Int. Journal	Embedded System For Impedance Measurement	Mr. Bhimrao Sheshrao Jadhao. Mr. S.D.Ruikar	IJAICT Volume 3, Issue 03, pp1143-1146.	2016
7	Int. Journal	Restaurant Ordering Billing And Database Monitoring System	Mr. Anish Nitin Alwekar, Mr. S.D.Ruikar	IJAICT Volume 3, Issue pp 1138 – 1142.	2016
8	Int. Journal	Fingerprint Identification System based on Minutiae Extraction	Sachin Ruikar and Rohit Kabade,	International Journal of Control Theory and Applications, Volume : No.9	2016
9	Int. Journal	Image Deblurring and Restoration using Wavelet Transform	Sachin Ruikar and Rohit Kabade,	International Journal of Control Theory and Applications, Volume: No.9, Issue No. :22	2016
10	Int. Journal	Query-Specific Distance and Hybrid Tracking Model for Video Object Retrieval	Ghuge, C., Ruikar, S. & Prakash, V.	Journal of Intelligent Systems	2016
11	Int. Journal	Nonuniform Illumination Correction Algorithm for Underwater Images Using Maximum Likelihood Estimation Method	S. S. Sankpal and S. S. Deshpande	Hindawi Publishing Corporation Journal of Engineering, Volume 2016, Article ID 5718297, 9 pages, 2016	2016
12	Int. Journal	A review on image enhancement and color correction techniques for underwater images	S. S. Sankpal and S. S. Deshpande	Advances in computational Sciences and Technology, Volume 9, No 1 pp. 11-23	2016
13	Int. Conference	Underwater Image Enhancement and Color Correction with Wavelet Fusion	Sonali Sachin Sankpal and Shraddha Sunil Deshpande	National Research Symposium on Computing (RSC 2016), WCE Sangli	2016
14	Int. Conference	Fingerprint Identification System based on Minutiae Extraction	Sachin Ruikar and Rohit Kabade	International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2016)	2016
15	Int. Conference	Image Deblurring and Restoration using Wavelet Transform	Sachin Ruikar and Rohit Kabade	International Conference on Sustainable Computing Techniques in Engineering, Science and Management	2016
16	Int. Journal	Illumination Invariant Hand Gesture Classification against Complex Background using Combinational Features	Anjali Patil, & Dr. S. Subbaraman		2017

SN	Type of Publication	Title of Paper	Name of Author	Journal/Conference Details	Date of Publication
17	Int. Conference	Automatic OCR based control and analysis of vehicle license plates	Ashwini Patil and Sachin Ruikar	2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management	2017
18	Int. Conference	Nearest Neighbor and Interpolation Based Super-Resolution	Abhijeet Shinde and Sachin Ruikar	2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management	2017
19	Int. Journal	Automatic OCR based control and analysis of vehicle license plates	Ashwini Patil and Sachin Ruikar	International Journal of Control Theory and Applications, Volume: No.10	2017
20	Int. Journal	Nearest Neighbor and Interpolation Based Super Resolution	Abhijeet Shinde and Sachin Ruikar	International Journal of Control Theory and Applications	2017
21	Int. Journal	Unmanned Aerial System	Likhith Unadkat, Onkar Kumbhar, Sarang Kadam, Sachin Ruikar	International Journal of Engineering and Applied Sciences (IJEAS) ISSN: 2394-3661	2017
22	Int. Journal	Intelligent All Ground Surveillance	Kale Manoj, Kulkarni Chaitanya, Patil Ramesh, Ruikar Sachin	International Journal Of Engineering Sciences & Research Technology, volume 6 issue 5	2017
23	Int. Journal	Software Design of Digital Receiver using FPGA,	Dr. B. G. Patil	Int. Res. Journal of Engg & tech. (IRJET) ISSN-2395-0056 vol: 4, (7) p-ISSN 2395-0072	2017
24	Int. Journal	Sorting of raisins using computer vision approach,	Dr. B. G. Patil	Int. Res. Journal of Engg & tech. (IRJET) ISSN-2395-0056, , p-ISSN 2395-0072 Vol: 4 (6)	2017
25	Int. Journal	Automatic OCR Based Control and Analysis of Vehicle License Plates	Patil A & Dr. Ruikar S. D		2017
26	Int. Conf.	Communication between Different Sub-Systems of MRI	Kishori Patil, Sanket Yavalkar, Dr. S. D. Ruikar, Rajesh Harsh,	IEEE International Conference on Communication and Signal Processing – ICCSP'17	2017
27	Int. Conf.	Comparative Analysis of Radix-2, Radix-4, Radix-8 CORDIC Processors	J.M. Rudagi, & Dr. S. Subbaraman		2017
28	Int. Conf.	Automation OCR Based Control and Analysis of Vehicle License Plates,	Patil A & Dr. Ruikar S. D	2 nd Int. Conf. on Sustainable Computl. Techniques in Engg. Sci. & Mgmt	2017
29	Int. Conf.	Communication between Different Sub-Systems of MRI,	Patil, K Yavalkar, & Dr. S. D. Ruikar	Int. Conf. on Comm. & Signal Processing	2017
30	Int. Conference	Nearest Neighbor and Interpolation Based Super-Resolution,	Patil, A & Dr. Ruikar S. D	2 nd Int. Conf. on Sustainable Computl. Techniques in Engg. Sci. & Mgmt	2017

SN	Type of Publication	Title of Paper	Name of Author	Journal/Conference Details	Date of Publication
31	Int. Journal	Underwater Image Classification	Sonali Sachin Sankpal and Shraddha Sunil Deshpande	Advances in Computational Sciences and Technology Volume 10, No. 5, pp. 839-845	2017
32	Int. Conf.	Compact multiband antenna fed with wideband coupled line impedance transformer for improvement of impedance matching	Sajeet Mulla and Shraddha S. Deshpande	Microwave and Optical Technology Letters Volume 59, Issue 9,	2017

CSE Department

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	Int. Journal	Techniques to Identify Audio Recording Location	Mr. M.K. Chavan & Mr. Kiran Kamble	International Journal of Advanced Research in Computer and Communication Engineering	2016
2	Int. Conference	Hadoop-Hbase for Finding Association Rules using Apriori MapReduce Algorithm	Mr. A.R Surve, & Ms. Ashwini A Pandagale	IEEE Int. Conf. on Recent Trends in Electronics Information and Communication technology	2016
3	Int. Conference	Cryptographic Implementation of Aggregate-Key Encryption for Data Sharing in Cloud Storage	Mr. M.K. Chavan, & Ms. Priyanka P Kendrekar	IEEE Int. Conf. on Recent Trends in Electronics Information and Communication technology	2016
4	Int. Conference	An Automated attendance system using video surveillance camera	Dr. B.F. Momin, & Mr. Nilesh Dattatray Veer	IEEE Int. Conf. on Recent Trends in Electronics Information and Communication technology	2016
5	Int. Conference	Providing Security Mechanisms in Broker-Less Publish/Subscribe Systems using Hierarchical Identity based Encryption	Mrs. M.A. Shah, & Ms. Ankita V. Terkhedkar	IEEE Int. Conf. on Recent Trends in Electronics Information and Communication technology	2016
6	Int. Conference	CAPM: Context Aware Provisioning Middleware for Human Activity Recognition	Mr. A.R. Surve, & Mr. Y.V. Mane	IEEE Int. Conf. on Advanced Communication Control and Computing Technology	2016
7	Int. Conference	Detection and Identification of Unattended/Removed Objects in Video Surveillance	Dr. B.F. Momin, & Mr. Lakhan Jadhav	IEEE Int. Conf. on Recent Trends in Electronics Information and Communication tech.	2016
8	Int. Conference	Fast Nearest Neighbor Search with Keyword using Spatial Inverted Index	Mr. M.K. Chavan, & Ms. Snehal B. Shinde	IEEE Int. Conf. on Advanced Communication Control and Computing Tech.	2016
9	Int. Conference	Bidirectional People Counting System in Video Surveillance	Mr. B.F. Momin, & Mr. Satish D. Pore	IEEE Int. Conf. on Recent Trends in Electronics Information and Communication tech.	2016

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
10	Int. Conference	Mining Semantic Content using Association rules in Video Surveillance	Dr. B.F. Momin, & Mr. Vinod S Kande	IEEE Int. Conf. on Advanced Communication Control and Computing Technology	2016
11	Int. Conference	Keyframe Extraction in Surveillance Video Using Correlation	Dr. B.F. Momin, & Mr. G.B. Rupnar	IEEE Int. Conf. on Advanced Communication Control and Computing Technology	2016
12	Int. Conference	Novel scheme of color image inpainting by prioritized patches	Dr. P.J. Kulkarni, & Ms. Amruta Umarani	IEEE Int. Conf. on Advanced Communication Control and Computing Technology	2016
13	Int. Conference	A Survey of Policy Enforcement Mechanisms for Android Security Enhancement	Mr. A.R Surve, & Ms. Amruta P Pawar	International Conference on inventive technologies	2016
14	Int. Conference	Classification of UTGen Synthetic Traffic Generator	Mr. A.R. Surve & Mr. A.G Patil (SYM.Tech.)	Int. Conf. on Advances in Signal Processing (CASP2016)	2016
15	Int. Conference	Internet of Things: A survey related to various recent Architectures and Platforms available	Mrs. Sharwari S. Solapure	International Conference on Advances in Computing, Communications and Informatics	2016
16	Int. Conference	Image Inpainting Approaches – A Review	Dr. Bhandari. S.H, & Pushpalwar, R.T		2016
17	Int. Conference	Improved Approach towards Classification of Histopathology Image using Bag-of-features	Dr. Bhandari. S.H, & Mhala N.C		2016
18	Int. Conference	Design and development of high performance, scalable content based publish subscribe system	Mrs. Medha A. shah and Dr. D.B. Kulkarni	10th ACM International conference, Distributed event based system 2016 (DEBS 2016), CA, USA.	2016
19	Int. Conference	Approaches to provide security in publish/subscribe systems – A review	Ankita V. Terk-hedkar, , Medha A. Shah	IEEE ICICT AUG 2016	
20	Int. Journal	Design and Analysis of Parallel Content Matching Algorithm for Pub-Sub Systems using Different Parallel Paradigms	Mrs. Medha A. shah and Dr. D.B. Kulkarni	International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064	2016
21	Int. Journal	Efficient Two-Phase Parallel Content Matching Algorithm for Publish-Subscribe Systems	Mrs. Medha A. Shah and Dr. D.B. Kulkarni	International Journal of Computer Science and Information Technologies (IJSIT) ISSN: 0975-9646.	2016
22	Int. Journal	Design of High Performance, Scalable Content-based Publish-Subscribe system using MPI-CUDA Approach	Mrs. Medha A. Shah and Dr. D.B. Kulkarni	International Journal of Computer Sciences and Engineering (IJCSE) UGC approved, ISSN: 2347-2693	2016
23	Int. Conference	Design and development of high performance, scalable content based publish subscribe system	Mrs. Medha A. Shah and Dr. D.B.Kulkarni	10 th ACM International conference on Distributed and Event-Based Systems held in , Irvine,	2016

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
24	Int. Conference	Approaches to provide security in publish/subscribe systems — A review	Ankita V. Terkhedkar, Medha A. Shah	International Conference on inventive technologies	2016
25	Int. Conference	SCP: Skyline Computation Planner for Distributed, Update Intensive Environment	R. D. Kulkarni , B. F. Momin	International Conference on Information and Communication Technology for Intelligent Systems, 25-26 March 2017	Series publication in progress
26	Int. Conference	Internet of Things: A survey related to various recent architectures and platforms available	SS Solapure, H Kenchannavar,	IEEE The international Conference Advances in Computing, Communications and Informatics (ICACCI),2016	2016
27	Int. Conference	Developing QoS Aware DSR for JiST/SWANS Simulator Using Cross-Layer Communication SS Solapure, PJ Kulkarni,	SS Solapure, PJ Kulkarni,	Elesvier The international Conference - Emerging Research in Computing, Information, Communication and Applications ,2016	2016
28	Int. Conference	An Integrated approach for Weather Forecasting over Internet of Things: A Brief Review	Dr. B.F.Momin, Gaurav Chavan	International conference on ISMAC (IoT in Social, Mobile, Analytics and Cloud) (ISMAC 2017)	10-11 Feb 2017
29	Int. Conference	Detection of Diseases on Crops & Design of Recommendation Engine: A Review	Dr. B.F. Momin, Sindhu Bawge	International Conference on Information and Communication Technology for Intelligent Systems ICTIS 2017	25-26 Mar 2017
30	Int. Conference	Univariate Time Series models for Forecasting Stationary and Non-stationary data: A Brief Review	Dr. B.F. Momin, Gaurav Chavan	International Conference on Information and Communication Technology for Intelligent Systems ICTIS 2017	25-26 Mar 2017
31	Int. Conference	Analysis of Routing Protocol for Low Power and Lossy Networks (RPL) Using Cooja Simulator	Ashish Jadhao, Sharwari Solapure, 2017	IEEE The international Conference on Wireless Communications, Signal Processing and Networking (WiSPNET)	2017
32	Int. Conference	LEACH: An energy efficient routing protocol using Omnet++ for Wireless Sensor Network	DM Birajdar, SS Solapure	IEEE The international Conference -Inventive Communication and Computational Technologies (ICICCT), 2017	2017
33	Int. Conference	Detection of Cardiac Arrhythmias through ECG Signal Processing: IoT Based Approach	Mr. A.R. Surve, & Mr. Mukesh Rathod	International Journal of Control Theory and Applications, ISSN : 0974-5572	2017

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
34	Int. Conference	An Energy Efficient Ring Routing Protocol for Wireless Sensor Network	Mr. M.K. Chavan, & Mr. Ashis Kumbhar	Int. Conf. on IOT in Social, Mobile, Analytics and cloud (I-SMAC2017)	2017
35	Int. Conference	An Integrated Approach for Malicious Tweets Detection using NLP	Mr. M. K. Chavan, & Mr. Sagar Gharge	Int. Conf. on Inventive Comm. and Computational Technologies (ICICCT 2017)	2017
36	Int. Conference	An advanced method for detection of botnet traffic using Intrusion Detection System	Mr. M.K. Chavan, & Mr. Manoj Koli	Int. Conf. on Emerging Trends in Engg Technology & Architecture (iCETETA 2017)	2017
37	Int. Conference	Real time road traffic event detection using Twitter and spark	Ketan R. Pandhare, Medha A. Shah	IEEE ICICCT 2017 Held in Coimbatore	2017

Information Technology Department

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	Int. Journal	Analysis of Cryptographic Protocols AKI, ARPki and OPT using Pro-Verif and AVISPA	Amol H. Shinde, & A.J. Umbarkar	Int. Journal of Comp. Network and Info. Security (IJCNIS)	2016
2	Int. Journal	Flexible & secure auditing of outsourced database in cloud computing,	Darshan Kavathekar, & B.S. Shetty	IJARCEE	2016
3	Nat. Journal	Teaching Learning Based Optimization on Hadoop,	S. M. Jagdeo, A. J. Umbarkar, & P. D. Sheth	1 st Soft Computing: Theories & Applications (SoCTA 2016), at Amity Uni., Rajasthan.	28-30 Dec. 2016.
4	Int. Journal	Accelerating Learning Performance of Facial Expression Recognition using Convolution Neural Network,	Mr. U.B. Chavan, & Dr D.B. Kulkarni	Int. Journal of Control Theory and Applications.	2017
5	Int. Journal	Enhanced Oversampling Techniques for Imbalanced Big Data Set Classification, "	Sachin Patil, & S P Sonavane	Springer Book Chapter, "Data Science and Big Data	2017
6	Int. Journal	Design of electricity tariff plans using gap statistic for K-means clustering based on consumers monthly electricity consumption data,	R. R. Rathod and R. D. Garg	Int. Journal of Energy Sector Mgmt	2017
7	Int. Journal	A Review: Parallel Implementation of Shortest Path Algorithm on GPGPU,	Avadhoot K. Katkar, & Dr. D.B. Kulkarni	Int. Journal of Advanced Res. in Comp. & Commu. Engg	2017
8	Int. Journal	A Review: Predictive Analytics with Big Data,	Mr. R.B. Mujawar, & Dr. D.B. Kulkarni	Int. Journal of Advanced Res. in Comp. & Commu. Engg	2017
9	Int. Journal	A Review: Solving ECDLP Problem using Pollard's Rho Algorithm,	S. P. Lokhande, Dr. Indivar Gupta, & Dr. D.B. Kulkarni	Int. Journal of Advanced Res. in Comp. & Commu. Engg	2017
10	Int. Journal	Cryptographic Protocols Specification and Verification Tools: A Survey	Amol H. Shinde, A. J. Umbarkar & N. R. Pillai	ICTACT -Journal on Communication Technology (IJCT)	2017

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
11	Int. Journal	A Basic Model for Profiling Power Consumption in HPC Sub-systems,	Mr. U.B. Chavan, & Pooja Pawar	IEEE	2017
12	Int. Journal	Literature Survey on Load Balancing Algorithm in Wireless Sensor Network,	Sneha Patil, & B.S. Shetty	Int. Journal of Advance Res. in Sci. and Engg	2017
13	Int. Journal	Review on Segmentation Techniques used in Optic Disc and Blood Vessel Segmentation,	R Jadhav, & M Narnaware	IJERMT	2017
14	Int. Journal	A brief review of the Large Eddy Simulation Methods	Sachin Shinde, & B.S. Shetty	IJARCEE	2017
15	Nat. Journal	Cryptanalytic attacks on International Data Encryption Algorithm Block Cipher,	Vikas Jadhav, & S P Sonavane	Defense Science journal	2017
16	Int. Conf.	Enriched Oversampling Techniques for Improving Classification of Imbalanced Big Data,	Sachin Patil, & S P Sonavane	IEEE 3 rd Int. Conf. on Big Data Computing Service and Applications, USA	2017
17	Int. Conf.	Performance evaluation of firefly algorithm with variation in sorting for non-linear benchmark problems,	A. J. Umbarkar, U. T. Balande, and P. D. Seth	1 st Int. Conf. on Applied Mathematics & Comp. Sci. (ICAMCS2017) Rome, Italy.	27–29 January 2017
18	Int. Journal	Survey on Efficient Energy Balancing Routing Algorithm for Data Communication in Wireless Sensor Networks	B.S. Shetty	5 th National Conf. NCRASET-17, also in IJRISE Journal	2017

Applied Mechanics Department

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	Int. Journal	An Analysis on Usability of Risk Management Processes in the Construction Projects: a Review	Sanjay N. Patil, Vikas Chauhan Tande Shrirang N	Journal of Advances in Science and Technology Vol.12, issue 24, PP 265 - 272 ISSN:2230-9659.	2016
2	Int. Journal	Improving Torsional Seismic Response of Plan Asymmetric Structures Using Energy Dissipating Devices	Ravindra S. Desai and Shrirang N. Tande	Springer International Publishing, Proceedings of the International Conference on Advanced Technologies for Societal Applications, Techno-Societal	2016
3	Int. Journal	A Research on Various Aspects Affecting Time and Cost Overruns in Construction Industries	Sanjay N. Patil, Vikas Chauhan Tande Shrirang N	Journal of Advances in Science and Technology Vol.13, issue 2, , PP 166 – 173, ISSN:2230-9659.	2017

Mathematics Department

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	Int. Journal	Coefficient estimates for certain subclasses of meromorphically Bi univalent functions	S.B. Joshi, Sayali Joshi, Haridas Pawar and H.M. Srivastava	Palestine J Math 6(1), (2016)	2016

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
2	Int. Journal	On a subclass of analytic functions for operator on a Hilbert space	S.B. Joshi, Sayali Joshi and Ram N. Mohapatra	Studia Babes Bolyai Math 61,(2), 147-153	2016
3	Int. Journal	On some subclasses of bi- univalent functions associated with pseudo star like functions	S.B.Joshi, Sayali Joshi, Haridas Pawar	J.Egyptian Math Soc, 1-4	2016
4	Int. Journal	On a certain subclass of bi univalent functions	S.B.Joshi,Sayali Joshi, H.Pawar	Acta Univ Apul, 45, 87-96	2016
5	Int. Journal	New subclass of p- valent harmonic univalent functions	S.B.Joshi, Melike Aydogan	Theory and appl. Of Math and computer Sci, 6, 1	2016
6	Nat. Journal	On a subclass of meromorphically starlike functions with positive and fixed second co-	S.B.Joshi, P.P.Yadav	J.Indian Acad Math, 38, 1, 117-125	2016

Google Scholar Citation Details

Name of Faculty	Designation	Google Scholar							
		2012 Onwards			All			No. of Publications	
		Citations (since 2012)	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Dr. S.V. Kulkarni	Professor	1435	19	35	2075	22	47	124	72
Dabade Uday Anna	Professor	349	8	8	442	8	8	60	64
Dr. S.B. Joshi	Associate Professor	250	9	9	422	12	13	44	78
G. R. Munavalli	Professor	176	7	6	342	7	7	38	38
Subaraman Shaila S	Professor	210	9	8	251	10	10		
Ruikar Sachin D	Associate Professor	220	6	5	229	6	5	24	44
Parishwad Gajanan V	Professor	136	7	5	171	7	6	21	72
Dr. P.J. Kulkarni	Professor	144	6	4	133	7	5	24	21
A.J. Umbarkar	Assistant Professor	73	1	2	74	6	2	16	28
Dr. S. N. Tande	Professor	66	5	2	73	5	2		
Dr. B.F.Momin	Associate Professor	48	4	1	69	4	1	12	18
Agashe Amrita Anil	Associate Professor	41	4	1	56	4	2	17	25
Inamdar Kedar Harihar	Associate Professor	50	5	0	52	5	1	13	150
Gawali B.S	Professor	38	3	1	52	4	1	13	28
Kulkarni D. B.	Professor	41	4	0	45	4	1	16	16
Mrs. A. M. Chougule	Assistant Professor	44	2	1	44	2	1	7	5
Dharmadhikari V. B.	Associate Professor	34	4	1	41	5	2	5	10
Dr. A. P. Vaidya	Professor	38	4	2	40	1	1	8	16
Tamhankar S.G.	Associate Professor	33	3	1	37	3	1	8	9
Mane Pravin Ashok	Assistant Professor	33	4	0	33	4	0	10	19

Name of Faculty	Designation	Google Scholar							
		2012 Onwards			All			No. of Publications	
		Citations (since 2012)	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Sapkal Sagar Ulhas	Associate Professor	31	4	0	32	4	0	10	17
S P Sonavane	Associate Professor	26	3	1	26	3	1		
M B Narnaware	Assistant Professor	22	3	1	23	3	1	5	10
Dr.S.H. Bhandari	Associate Professor	14	2	0	22	3	0	10	7
Mrs Seema P Diwan	Assistant Professor	15	2	2	21	2	2	5	
Aditi Sushil Karvekar	Assistant Professor	16	2	0	17	3	0		
Mr. Anil Surve	Assistant Professor	15	2	0	15	2	0	6	16
Mr R M Chanmanwar	Assistant Professor	15	1	1	15	1	1	1	9
Karvekar Sushil Subhash	Assistant Professor	14	2	0	15	3	0	8	8
Mrs. M.A. Shah	Assistant Professor	14	2	0	14	2	0	4	10

Books Published by Faculties:

Sr. No.	Name of Faculty	Title of Book	Name of Publisher	Year of Publication
1	V. M. Sardar, Dr. S. D. Ruikar	"Electrical Circuits and Machine"	Nirali Publications	July 2016, ISBN 978-93-86084-10-1

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	G.V. Parishwad	Director, Prof. Mech.	Dr. R.K. Bhardwaj & Dr. V.K. Nema (Mech-Thermal)	11 Aug 1995 MNNIT, Allahabad under QIP	Study of thermal performance of fenestration and prediction of related weather parameters for India	submitted 02 Oct 1998 Viva & Result 27 Oct 1999
2	P.J. Kulkarni	Dy. Director Prof. CSE	Dr. N.R. Phadnis (Electronics)	June 1988 SU, Kolhapur	Bandwidth compression of Video signals by digital techniques	Completed in Aug. 1993
3	K.S. Wagh	Prof. Civil	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	P.G. Sonawane	Prof. Civil	Dr. S.V. Ranade	7 Jan 2003	Mechanism & Kinetics of Nitrogen & Phosphorus Removal in Root Zone Treatment of Domestic Waste	Completed 4 July 2008
5	S.N. Tande	Prof. Civil - APM	Dr. K.T. Krishnaswamy	July 2000 SU, Kolhapur	Elastic and Limit analysis of Reinforced Concrete Skew slabs	19 Sept 2005
6	V.D. Salkar	Asso. Prof. Civil	Dr. A.R. Tembhurkar, Visvesvaraya	01 July 2009 VNIT, Nagpur	Design and development of efficiency up-flow sand filter for water treatment	27 Sept 2015

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
7	G.R. Munawali	Asso. Prof. Civil	Dr. 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	K.S. Gumaste	Asso. Prof. Civil	Dr. K.S. Jagdish, Dr. B.V.V. Reddy, K.S.Nanjund Rao, Civil Engg.	1 Aug 2000 IISc, Bangalore QIP	Strength and Elasticity of Brick Masonry Walls	Submitted 11 Jan 2004 Result 8 Jan 2005
9	C.B. Pol	Asst. Prof. Civil -APM	Dr. Saurik Banerjee	15 Oct 2010 IIT, Bombay	Modeling of divided wave propagation and its inter action with defects in composites and sandwich structures	submitted July 2015
10	Mrs. N.G. Kulkarni	Asst. Prof. Civil-APM	Dr. Yoshito Itoh	03 Oct 2007 Nagoya Uni., Japan	Seismic design methodology for circular steel bridge piers subjected to multi directional earthquake motions	Completed 31 July 2012
11	S.B. Kadam	Asst. Prof. Civil-APM	Dr. Y. Singh	2010-11 IIT, Roorkee	Performance Evaluation and Retrofit of Masonry Buildings	Submitted Jan-2015, Result 4 Aug 2015
12	B.S. Gawali	Prof. Mech.	Dr. K.G. Narayan Khedkar	July 1999 IIT, Bombay	Design and Development of pulse tube nitrogen liquefier	Sept. 2005
13	S.P. Chavan	Prof. Mech.	Dr. N.K. Sane	01 Jan 2000 Shivaji Uni, Kolhapur	Some studies on preventive maintenance of rotating m/s of sugar industries using vibration monitoring and diagnostic analysis	Sept. 2007
14	U.A.Dabade	Prof. Mech.	Dr. S.S. Joshi	July 2004 IIT, Bombay	Machining of metal matrix composites	May 2008
15	K.H. Inamdar	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	S.U. Sapkal	Asso. Prof. Mech.	Dr. Dipak Laha	August 2009	Improved Heuristics for manufacturing scheduling	Sept. 2013
17	R.G. Chougule	Asso. Prof. Mech.	Dr. B. Ravi	Dec. 2000 IIT, Bombay	Casting process planning and evaluation in collaborative environment	July 2005
18	M.M. Khot	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 July 2014 Viva & result 7 May 2015
19	A.P. Vaidya	Prof. Electrical	Dr. M.N. Narayana-dar	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 Oct 2001
20	D.R. Patil	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	D.S. More	Asso. Prof. Electrical	Dr. B.G. Fernandes	July 2005 IIT, Bombay	Design and Analysis of three phase Flux reversal machine for rooftop wind power application	20 Oct 2010
22	M.M. Waware	Asst. Prof. Electrical	Dr. Pramod Agrawal (Power Electronics)	02.08.2008 IIT, Roorkee	Multilevel inverter based active power filter	24 April 2012
23	Mrs. S.S. Deshpande	Prof. Electronics	Dr. S.C. Patwardhan	July 2005	Computationally efficient model based control for fast dynamic systems	Completed 15 Sept 2010
24	Mrs.A.A. Agashe	Asso. Prof. Electronics	Dr. S.K. Bodhe	Nov. 2003 Shivaji Uni, Kolhapur	Mobility management in Adhoc networks; A special reference to handoff mechanism.	Completed July 2009
25	S.D. Ruikar	Asso. Prof. Electronics	Dr. D.D. Doye	22 Nov 2006 SGGs, Nanded	Image Denoising using wavelet transform	Completed 22 Mar 2013

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
26	B.G. Patil	Asso. Prof. Electronics	Dr. Shaila Subbaraman	12 July 2006	Human Feature Vector and Classifier Through Iris Pattern Recognition	Completed 24 July 2015
27	V.B. Dharmadhikari	Asso. Prof. Electronics	Dr. P. J. Kulkarni	27 Sept 2012	Quality of service issues, formulation and performance evaluation of traffic smoothing techniques for mpeg video transmission in packet switched networks	Completed 22 July 2015
28	Ms. S.H. Bhandari	Asso. Prof CSE	Dr. S. M. Deshpande	1 Jan 2005, SUK	Study of Multi-resolution approaches to Texture Analysis and Classification	Submitted 03 July 2009 awarded 18 Oct 2010
29	B.F. Momin	Asso. Prof CSE	Dr. Susmita Mitra	Jan. 2002 Jadhavpur Uni. (IIT, Kolkata)	Some issues in data mining using soft computing	Completed 08 Feb 2008
30	D.B. Kulkarni	Prof. IT	Dr. P.J. Kulkarni	Feb. 1999 WCE, Sangli	Iterated formation system for image coding	Completed Sept 2005
31	Mrs. S.P. Sonawane	Asso. Prof IT	Dr. S.M. Deshpande (CSE)	01 Jan 2005 SU, Kolhapur	Capacity estimates, analysis and design of improved data hiding algorithms in compressed images	10 Nov 2010
32	A.J. Umbarkar	Asst. Prof. IT	Dr. Mrs. M.S. 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	M.H. Pendse	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
34	S.B. Joshi	Asso. Prof Mathematics	Dr. S.R. Kulkarni Complex-analysis	1 July 1991	A study of univalent and multivalent functions	Completed 1996
35	S.N. Kore	Asso. Prof Electronics	Dr. P. J. Kulkarni	28 Sept 2012 WCE, Sangli	Performance evaluation and scheduling policies for fixed length multiple input queued packet switches	Submitted 28 Sept 2012
	R.P. Hasabe	Asst. Prof. Ele.	Dr. A.P. Vaidya	1 July 2010	Development of a method to mitigate the Effects of STATCOM on the distance protection scheme using wavelet transform and neural network	2017
	R.R. Rathod	Asst. Prof. IT	Dr. R. D. Garg Civil,IITR, (QIP)	12 July 2013,	Application of GIS and Data Mining methods for Electricity consumption profiling.	2017

B) 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	A.K. Kokane	Asst. Prof. Civil	Dr. K.S. Gumaste,	01 July 2011 WCE, Sangli Shivaji University, Kolhapur	Studies on improvement in the quality of burnt clay bricks using water treatment residual sludge	Ongoing
2	A.K. Mali	Asst. Prof. Civil	Dr. Prakash Nanthagopalan,	12 July 2013 IIT, Mumbai	Utilization of sugar cane bagasse ash in concrete	Ongoing
3	B.N. Naik	Asst. Prof. Mech	Dr.Mrs. Sangita Kohali	24 July 2014 IIT, Delhi	Biomass cookseave study (Area of Study)	Ongoing
4	S.V. Gaikwad	Asst. Prof. Mech.	Dr. R.S. Mulik ,	9 July 2014 IIT Roorkee	Performance study of pretalling tool for deep annular grooving	Ongoing
5	P.A. Mane	Asst. Prof. Mech.	Dr. B.S. Gawali,	2011-12 WCES, Shivaji Uni, Kolhapur	Design & Development of courter flow pulse tube refrigerator	Ongoing

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
6	A. U. Paranjape	Asst. Prof. Mech.	Dr. S.S. Kulkarni,	2011-12 IIT, Mumbai	Optimal balancing of rotors in presence of uncertainties	Ongoing
8	A.B. Patil	Asso. Prof. Electrical	Dr. R.H. Chile,	2013-14 SGGGS, Nanded	Some techniques in developments of robust optimal control using fuzzy logic approach	Ongoing
10	N.V. Marathe	Asso. Prof Electronics	Dr. U.B. Desai	21 July 2005 IIT, Bombay	Opportunistic scheduling in cellular data networks	Ongoing
11	S.G. Tamhankar	Asso. Prof Electronics	Dr. F.S. Kazi, VJTI, Mumbai	27 July 2012	Area: Cyber physical system security	Ongoing
12	A. R. Surve	Asst. Prof. CSE	Dr. Vijay R. Ghorpade, DYP-COEK	11 Feb 2014 SUK	Design and development of adaptive Multi-Platform Context Aware Pervasive System Framework	Ongoing
13	N.L. Gavankar	Asst. Prof. CSE	Dr. S. K. Ghosh Civil Engg	9 July 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
16	P.K. Kharat	Asst. Prof. IT	Dr. Murlidhar Kulkarni (E&C Dept.)	July 2015 NIT, (QIP) Suratkal	Area of study: Wireless communication & Networking	Ongoing
17	U.B. Chavan	Asst. Prof. IT	Dr. D.B. Kulkarni,	2012-13 WCES, SUK	Design & performance issues in parallel scalable facial expression recognition system	Ongoing
18	K.V. Madhale	Asso. Prof. Physics	Dr. M.Y. Salunkhe	13 Jan 2012 Synthesis,	Characterization and Gas Sensing Behavior of Nano-crystalline Nickel Ferrite	Ongoing
19	B.N. Jamadar	Asst. Prof. Physics	Dr. D.S. Sutrave	01 July 2010 Design	Design and Development of PWM Technique for Three Phase Induction Motor Drive with auto fault detection	Ongoing

C) 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	S.N. Tirthkar	Dr. B. Subbarao	01 Jan 2001	Study on use of synthetic filter media in coarse to fine filtration	Completed 13th Oct., 2007
2	G. S. Kulkarni	Dr. S.V. Ranade	01 Jan 2004	Investigations in Processing Solid & Liquid Waste from Essential Oil Industry for Possible Productive Recovery, Recycling & Treatment	Completed 28th Dec. 2007
3	P. G. Sonavane	Dr. S.V. Ranade	07 Jan 2003	Mechanism & Kinetics of Nitrogen & Phosphorus Removal in Root Zone Treatment of Domestic Waste	Completed 4th July 2008
4	D. S. Mali	Dr. S.V. Ranade	01 Jan 2003	Waste Minimization & Resource Recovery in Sugar Distillery Complex	Ongoing
5	Y.M. Patil	Dr. G.R. Munavalli	01 July 2009	Performance Evaluation of Low-cost Greywater Treatment Systems	Ongoing
6	V. T. Gaikwad	Dr. G.R. Munavalli	01 July 2011	Study on water softening by natural materials	Ongoing
7	S.S. Mane	Dr. G.R. Munavalli	01 July 2011	Studies on Modeling and Treatment of Common Textile Effluent Using Anaerobic and Aerobic Sequential Batch Reactor	Ongoing

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
8	S.B. Hivarekar	Dr. G.R. Munavalli	01 July 2011	Study on water treatment by clay filter impregnated with natural materials	Ongoing
10	Mrs. Jyoti P. Bhusari	Dr. K.S. Gumaste	01 July 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 July 2012	Study on dewatering and stabilization in sludge treatment vermi constructed wetlands	Ongoing
12	R.S. Desai	Dr. S.N. Tande (Civil-Structure)	12 Sept 2012	Improvement in structural performance in buildings by optimization of energy Management devices	Ongoing
13	V.S. Patil	Dr. S.N. Tande (Civil-Structure)	12 Sept 2012	Probabilistic based seismic performance Evaluation of existing reinforced Concrete buildings and retrofitting strategy	Ongoing
14	L. B. Patkure	Dr. S.N. Tande (Civil-Structure)	12 Sept 2012	An experimental investigation on structural behavior and durability properties of fiber Reinforced concrete with artificial sand	Ongoing
15	J.S. Dali	Dr. S.N. Tande (Civil-Structure)	11 Dec 2013	Durability performance and analysis of pavement quality concrete(pqc) with mineral admixtures	Ongoing
16	R. M. Desai	Dr. S.N. Tande (Civil-Structure)	11 Dec 2013	Nonlinear seismic reliability and fragility analysis of steel- concrete composite structures	Ongoing
17	R.P. Narvekar	Dr. S.N. Tande (Civil-Structure)	11 Dec 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 Jan 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	S. G. Bhatwadekar	Dr. M. Y. Khire (Relieved)	—	Studies on approaches for optimization of batch production scheduling	Submitted 10 June 2013
2	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	S.S. Patil	Dr. B.S. Gawali (Mech.-HPE)	26/12/2013	Design and development of miniature coaxial pulse tube Cryo-cooler	Submitted 26 Dec 2013
4	M. M. Khot	Dr. B. S. Gawali (Mech- HPE)	01/01/2008	Design and development of a flexure bearing for miniature linear compressor	submitted 24 July 2014 result 07 May 2015
5	D. A. Kamble	Dr. B. S. Gawali	—	Analysis of heat transform micro channel under forced convection heat transfer condition	Submitted
6	S. A. Patil	Dr. S. G. Joshi (Retd)	—	Some theoretical and experimental studies on electro hydraulics activate suspension system on road vehicle	—
7	A. P. Bagwade	Dr. P. G. Ramdasi (Retd)	—	Some studies on chip flow cutting process and surface roughness in hard turning	—

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
8	K. D. Sapate	Dr. A. N. Tikekar (Retd)	—	Electronically controlled direct enjection type modified small to storke petrol engine for efficiency and low emission	—
9	V.B. Swami	Dr. B.S. Gawali (Mech.-HPE)	JULY 2010	Investigation of heat transfer characteristics Through non circular micro channel heat sink	Ongoing
10	P.A. Mane	Dr. B.S. Gawali (Mech.-HPE)	1 July 2011	Design and development of counter flow Pulse tube refrigerator.	Ongoing
11	J.D. Patil	Dr. B.S. Gawali (Mech.-HPE)	1 July 2011	Experimental study of heat transfer and fluid Flow analysis of oscillating flow in Micro-channel.	Ongoing
13	Manjit Khade	Dr. S.P. Chavan (Mech.-Design)	1 July 2011	Dynamic analysis of structural beam for Vehicle to reduce vibration by using visco-elastic material & Magneto-rheological fluid damping	Ongoing
14	P. B.Magade	Dr. S.P. Chavan (Mech.-Design)	1 July 2011	Design and development of wind power Turbine by harvesting wind energy Developed by road vehicles on highway	Ongoing
15	G.S. Kamble	Dr. B.S. Gawali (Mech.-HPE)	1 July 2011	Investigation of heat transfer characteristic for Non Newtonian fluid in screw heat exchanger.	Ongoing
16	Vilas Hajare	Dr. B.S. Gawali (Mech.-HPE)	1 July 2011	Enhancement of latent heat energy storage Using nano-particle in phase change material	Ongoing
17	Sunil Raikar	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	B.A. Anuse	Dr. S.P. Chavan (Mech.-Design)	1 Feb 2012	Design and development of a bagasse dryer To increase thermal efficiency of sugarcane Power plant	Ongoing
19	A.S. Bhandare	Dr. U. A. Dabade (Mech.-Prod)	2 May 2013	Effect of dry EDM on surface integrity of inconel-718	Ongoing
20	Jadhav M.R.	Dr. U. A. Dabade (Mech.-Prod)	22 Apr2013	Analysis of surface integrity of AL/SICP Metal matrix composites in hot machining	Ongoing
21	Vinod Vanmore	Dr. U. A. Dabade (Mech.-Prod)	26 Aug2013	Development and performance analysis of micro abrasive jet machining Process	Ongoing
22	S.S. Karidkar	Dr. U.A. Dabade (Mech.-Prod)	01 July2013	Experimental investigation on effect of Process parameters on performance Measures in wire electrical discharge Machining	Ongoing
23	S.M. Shinde	Dr. S.P. Chavan/ Tamboli (Mech.-Design)	26 Mar2013	Optimum design of supply chain for medium Scale industry to enhance productivity	Ongoing
24	A.M. Pirjade	Dr. S.P. Chavan/ Tamboli (Mech.-Design)	22 Apr2013	Optimum design of asymmetric involute Helical gear for better dynamic Performance	Ongoing
25	S.B. Kumbhar	Dr. S.P. Chavan/ Tamboli (Mech.-Design)	01 July2014	Performance studies of tilting pad thrust bearing with some single continuous surface profile	Ongoing
26	Ms.L. V.Kulkarni	Dr. S.U. Sapkal	7 Oct 2014	Met Heuristic approach to manufacturing schedule	Ongoing
27	A.R. Shinge	Dr. U. A. Dabade (Mech.-Prod)	6 April 2015	Experimental investigation and validation of process parameters in micro-milling of aluminium alloy micro channels	Ongoing
28	N.J. Padte	Dr. U. A. Dabade (Mech.-Prod)	6 April 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	N.G. Apte	Dr. V.N. Bapat		Design analysis and implementation of Voltage source inverter based power quality conditioner	Completed 21 June 2012
2	C.M. Wankhade (Registered at Amravati Univ.)	Dr. A.P. Vaidya	15 Jan 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	B.P. Saoji (Registered at Amravati Univ.)	Dr. A.P. Vaidya	15 Jan 2010	A comparative study for the reliability evaluation of composite electric power systems incorporating thyristor controlled series capacitor (tcsc)	corrections in progress
5	S.J. Thanekar	Dr.A.P.Vaidya (Co-Guide)	1 July 2010	Study of Voltage Stability of a Transmission System By Phasor Measurement Unit	Unknown
6	L. S. Patil	Dr. A. P. Vaidya	1 July 2010	A study for application of wavelets and neural networks to identify and locate the faults in ehv transmission lines	Ongoing
7	A.J. Modak	Dr. H.P. Inamdar	10 Sept 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	R.D.Thombare	Dr. D.S. More, Dr. A.P. Vaidya	15 July 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	B. G. Patil	Dr. Shaila Subaraman	2005	Human feature vector and classifier through iris pattern recognition	June 2015
2	Mrs. Lalita Admuthé	Dr. Mrs. S. D. Apte	2006	An Intelligent optimization model for cotton mixes yarn spinney	2012
3	Mrs. Manasi Patil	Dr. A. R. Yardi	2009	ANN based diagrams of neurodegenerative diseases	2013
4	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. Jayashri Vaddil	Dr. Mrs. S. Subaraman	28 Dec 2007	Weaved fabric defect detection using & image processing techniques	Completed on Sept. 2013
7	Mrs. Manisi R. Dixit	Dr. Mrs.S.D. Apte	1 July 2006	A generalized framework for speech enhancement An recognition with special focus on patients with speech disorders	2014 (Submitted 21 July 2012)
8	D.V. Kodavade	Dr. Mrs.S.D. Apte		Object oriented concurrent fault diagnostic systems For microprocessor configuration.	2014
9	Mrs. Badrayani Angha Khedkar	Dr. Mrs. S. Subaraman	28 Dec 2007	Effect of variations in genetic operators and proposed ovel operator on the performance of genetic algorithm	Completed on Dec 2014
11	Vinayak V. Sulakhe	Dr. Mrs.S.D. Apte	1 Jan 2006	Development of efficient routing protocols for Application specific wireless sensor networks	April 2016
12	K. Shirdhar	Dr. Mrs.S.D. Apte		New signal processing techniques for hearing aids	Submitted 23 dec 2011
14	Mrs. Jaysjree Rudaji	Dr. Mrs. S. Subaraman	2007	Low power COR D/C processor for DCT and ICNT	Submitted

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
15	W.T. Gundale	Dr. 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	Dr. Mrs. S. Subbaraman	28 Dec 2007	Power efficient pipeline and parallel architecture for High through put digital system	Ongoing
17	Manish Patil	Dr. Mrs. S. Subbaraman	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	Dr. Mrs. S. Subbaraman	1 Mar 2012	Spatiotemporal vision based view and illumination Invariant hand gesture recognition approach	Ongoing
20	Ms. Sonali Desai	Dr. Y.V. Joshi	3 Mar 2012	Image enhancement and colour correction of Underwater optical images	
21	Ravi Khamitkar	Dr. Mrs. Shaila Subbaraman	01 July 2012	Design and performance evaluation of on chip Antenna for wireless network on chip	Ongoing
23	Mrs. Deepali Loni	Dr. Mrs. Shaila Subbaraman	01 July 2012	Analysis /synthesis of acoustic seatures of singing Voice using in wavelet transform with special Reference to singer identification	Ongoing
24	Rajan Devi	Dr. Mrs. Shaila Subbaraman	01 July 2012	Development of hierarchical control for micro-grid And its performance evaluation	Ongoing
25	Saurabh R. Prasad	Dr. Y.V. Joshi	14 Sept 2012	Improved LMS algorithm for signal processing Applications	Ongoing
26	Mrs. Jadhav Tejaswi Mahaling	Dr. Mrs. S. S. Deshpande	2014	Antenna Design (Area of Study)	Ongoing
27	Sandip Kasar	Dr. S. D Ruikar	1 Jan 2014 UoP	Effective Demosaicking for Video Reconstruction	Ongoing
28	C.A. Ghuge	Dr. S. D Ruikar	1 Jan 2014 UoP	Design and Development of technique for video object retrieval using Spatiotemporal based trajectory identification.	Ongoing
29	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	Sirbi Kotrappa	Dr. P. J. Kulkarni	June 2006	An investigation into the evolutionary expects object oriented programming (opp)	Completed on 25.08.2015
2	M. V. Kulkarni	Dr. D B. Kulkarni	22 Feb 2010	Fractal Video Coding on Multicore	Ongoing
3	Nozir Tarapore	Dr. D B. Kulkarni	2 Mar 2011	Intrusion detection System	Ongoing
4	Sandeep A Thorat	Dr. P. J. Kulkarni	27 Feb 2012	Techniques for improvements in magnet data Routing protocols.	Ongoing
5	Karveer Bhairu Manwade	Dr. D B. Kulkarni	27 Feb 2012	Improving performance of MPI application Through optimal placement of processes	Ongoing
6	Uday Appaso Nuli	Dr. B.F. Momin	27 Feb 2012	Parallelization of sequential code for Distributed heterogeneous architecture	Ongoing

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
7	Rupali Deepak Kulkarni	Dr. B.F. Momin	27 Feb 2012	Advanced skyline computation in distributed environment.	Ongoing
8	Tanveer I. Bagban	Dr. P. J. Kulkarni	27 Feb 2012	Design and analysis of a system for template Based clustering of web pages.	Ongoing
9	Parag Prabhakar Abhyankar	Dr. B.F. Momin	27 Feb 2012	Characterization of non- vigilance of individual Or mass Ounce in monotonous environment	Ongoing
10	Mrs. Mamata Sachin Kalas	Dr. B.F. Momin	27 Feb 2012	Study and implementation of advanced Neuro-imaging techniques.	Ongoing
11	Mrs. Medha A Shah	Dr. D B. Kulkarni	27 Feb 2012	Design and performance evaluation of parallel scalable event processing system.	Ongoing
12	Mrs. Sheetal A. Takale	Dr. P. J. Kulkarni	27 Feb 2012	Web content mining in the framework of soft computing.	Ongoing
13	Suhas Bhagate	Dr. P. J. Kulkarni	27 Feb 2012	Development of secret sharing scheme using Extended visual cryptography.	Ongoing
14	Mrs. Chaitali A. Lulkar	Dr. P. J. Kulkarni	25 Feb 2013	An improved classification algorithm for Image data	Ongoing
15	Umesh Balkrishna Chavan	Dr. D B. Kulkarni	25 Feb 2013	Design & performance issues in parallel Scalable facial expression recognition system	Ongoing
16	Ms. Gitanjali S. Salunkhe	Dr. D B. Kulkarni	25 Feb 2013	Benchmark validation and profiling of Heterogeneous HPC platform.”	Ongoing
17	Ms. Deepali D. Akolkar	Dr. D B. Kulkarni	25 Feb 2013	Predictive analysis of very large unstructured data on parallel platform	Ongoing
18	Prashant Maruti Yelmar	Dr. B.F. Momin	25 Feb 2013	Development of computational framework for Social network analysis & mining	Ongoing
19	Ajit S. Patil	Dr. P. J. Kulkarni	17 July 2013	Use of social relations in delay tolerant networks	Ongoing
20	Suhel Shabbirhusain Sayyad	Dr . D B. Kulkarni	11 Feb 2014	DESIGN AND DEVELOPMENT OF SECURE NEURAL NETWORK LEARNING SYSTEM ON MANY ENABLED HPC IN CLOUD	Ongoing
21	Mrs. A.P. Kale	Dr. Mrs. S P Sonavane	2014-15	Research Area: Image Processing and Cellular Automata	Ongoing
22	Mr. S.S. Patil	Dr. Mrs. S P Sonavane	2014-15	Research Area: Big Data	Ongoing
23	Mr. A.R. Babhulgaonkar	Dr. Mrs. S P Sonavane	2015-16	Research Area: Human Computer Interaction	Ongoing
24	Mrs. Arifa Tamboli	Dr. Mrs. 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	Girish D. Shelake	Dr S.B.Joshi	01 July 2010	Study of subclasses of harmonic univalent and related functions	Ongoing
2	S.P. Thorat	Dr S.B.Joshi	01 July 2011	Study of univalent and related functions	Ongoing
3	P.P. Yadav	Dr S.B.Joshi	01 July 2013	Study of certain subclasses of analytic functions	Ongoing
4	H.H. Pawar	Dr S.B.Joshi	01 July 2013	The study of subclasses of univalent functions	Ongoing

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 Aug 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 Oct 2007

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	20090295559	03 Dec 2009
2	Automatic solar tracking system for collector dish without use of electricity	Dr. S.P. Chavan	1859/MUM/2011	28 June 2011
3	Pass Transistor Adiabatic Logic Circuit with Standby Mode (PAL2NSM)	Dr.Mrs. S. Subbaraman	2315/MUM/2011	17 Aug 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 Oct 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 Mar 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 Mar 2012
7	Cryptography and steganography	Dr. Mrs. S.P. Sonavane	1120/MUM/2012	15 Mar 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 Mar 2012
9	Process for Image Authorization, Authentication and Integrity check	Dr. Mrs. S.P. Sonavane	1120/MUM/2012	09 Apr 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 May 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 Feb 2013
12	An innovative method for Heating water by using PTFE coat or the like	Mr. S.V. Ramchandre	1521/MUM/2014	01 May 2014
13	A System for Turning Vehicle with Minimum Turning Radios	Dr. S.P. Chavan	3250/MUM/2014	13 Oct 2014
14	A System and A Method For Faster Reorganization Of Iris Pattern On Distributed Systems	Mr. A.J. Umbarkar	R201621004648	09 Feb 2016
15	Process for image authorization authentication and integrity check	Dr. Mrs. S.P. Sonavane	R20162007239	09 Mar 2016
16	online fraud detection for electronic voting under AICTE RPS	Dr.S.P.Sonavane	201621008275	15 Mar 2016
17	A System and a Method for Treating Domestic Wastewater	Dr.P.G.Sonavane, Dr.G.R.Munavalli	02806342803201650032	27 Mar 2016
18	A System and a Method for faster Biometric Data processing on a distributed computing system	Mr. A.J. Umbarkar	201721011898	01 Mar 2017

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

Research Grants Received (Rs. in Lacs)

Agency/Year	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
AICTE	75.73	18.20	-	-	-	26.80
DST	22.95	-	-	-	18.00	25.65
MPCB	68.22	7.05	11.845	4.90	7.75	8.51
CDTP	-	21.50	8.00	8.00	8.00	8.00
TEQIP-II, III	200.00	300.00	300.00	250.00	200.00	250.00
BRNS	18.35	-	-	-	-	-
Total	386.00	346.75	319.85	262.90	248.75	318.96

- ✦ **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.
- ✦ TEQIP-III released Rs. 2.5 Crore.

Details of Testing and Consultancy:

Department	Testing and Consultancy (Rs. In Lacs)				
	2012-13	2013-14	2014-15	2015-16	2016-17
Civil	8.98	4.50	29.20	5.92	6.32
Mechanical	10.69	10.24	13.50	9.90	9.65
Applied Mechanics	19.19	21.84	20.59	26.05	23.23
Electrical Engineering	1.47	1.04	0.70	0.52	3.46
Computer Sci. & Engg.	0.10	0.00	0.00	3.86	0.00
Information Technology	0.00	0.04	1.0	0.00	0.00
Public Health	0.00	12.31	0.00	0.00	21.64
Admission	16.13	0.00	0.00	0.00	0.00
Total	56.56	49.97	64.99	46.14	64.32

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 Rainwater	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

Year wise	Name of the project	Funding agency/ Industry	Grant Received Rs. Lakhs
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
2011-12	Raisin making process and technology 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 Mining System	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
2016-18	Learning Factory—Dr. K. H. Inamdar	AICTE	43.00

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
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 onwards	Air Monitoring	MPCB	16.67 per annum

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

Name of faculty	Prize/Award received	Organization/Institute	Year
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. U. A. Dabade	DST- FAST TRACK Young Scientist Award	DST, N. Delhi, India	2012
Dr. B S Gawali	Consistent Contribution in HVAC	ASHRAE	2012
Electronics Engineering			
Dr. Mrs. S. Subbaraman	Pillars of Indian Society	Asian Chamber of Commerce , Mumbai	2017
Dr. Mrs. S. Subbaraman	AICTE Adjunct Faculty	AICTE	2017
Dr. S. N. Kore	Dr. Abdul Kalam life Time Achievement National Award	International Institute for Social and Economic Reforms For teaching, research and publications	2017
Information Technology			
Dr.(Mrs.) 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.(Mrs.) 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\$ 400Best 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 on main building of Civil Engg. Dept.**
- 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 (SPAI), 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 Ms.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)
17	2015-2016		
18	2016-2017		

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)
5	2015-2016		
6	2016-2017		

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 2015-16 and 2016-17

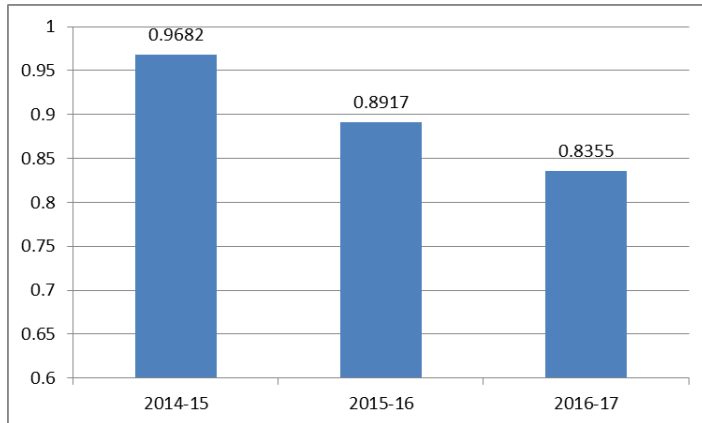
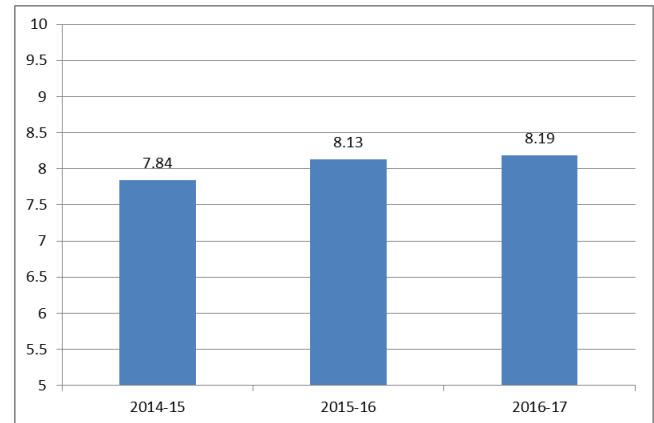
Class	Department	2015-16					2016-17				
		Pass	ATK T	Fail	Total	% of Passing	Pass	ATKT	Fail	Total	% of Passing
First Year B.Tech.	Civil	55	6	7	68	89.71%	45	14	9	68	86.76%
First Year B.Tech.	Mechanical	56	7	5	68	92.65%	54	10	9	73	87.67%
First Year B.Tech.	Electrical	56	5	10	71	85.92%	50	10	9	69	86.96%
First Year B.Tech.	Electronics	55	5	5	65	92.31%	44	14	9	67	86.57%
First Year B.Tech.	CSE	86	8	11	105	89.52%	78	14	11	103	89.32%
First Year B.Tech.	IT	53	8	9	70	87.14%	47	7	10	64	84.38%
Second Year B.Tech.	Civil	69	9	0	78	100.00%	68	3	4	75	94.67%
Second Year B.Tech.	Mechanical	57	14	8	79	89.87%	69	7	8	84	90.48%
Second Year B.Tech.	Electrical	61	14	6	81	92.59%	52	23	7	82	91.46%
Second Year B.Tech.	Electronics	68	8	4	80	95.00%	60	11	5	76	93.42%
Second Year B.Tech.	CSE	99	9	12	120	90.00%	100	12	12	124	90.32%
Second Year B.Tech.	IT	64	12	2	78	97.44%	63	9	2	74	97.30%
Third Year B. Tech.	Civil	65	8	9	82	89.02%	65	19	2	86	97.67%
Third Year B. Tech.	Mechanical	65	4	5	74	93.24%	66	6	4	76	94.74%
Third Year B. Tech.	Electrical	61	9	3	73	95.89%	64	12	2	78	97.44%
Third Year B. Tech.	Electronics	63	5	8	76	89.47%	69	6	5	80	93.75%
Third Year B. Tech.	CSE	107	1	3	111	97.30%	99	9	2	110	98.18%
Third Year B. Tech.	IT	61	7	7	75	90.67%	70	3	5	78	93.59%
Final Year B. Tech.	Civil	67	0	3	70	95.71%	73	0	4	77	94.81%
Final Year B. Tech.	Mechanical	78	0	0	78	100.00%	69	0	0	69	100.00%
Final Year B. Tech.	Electrical	72	0	1	73	98.63%	69	0	2	71	97.18%
Final Year B. Tech.	Electronics	77	0	0	77	100.00%	70	0	1	71	98.59%
Final Year B. Tech.	CSE	113	0	0	113	100.00%	108	0	1	109	99.08%
Final Year B. Tech.	IT	69	0	3	72	95.83%	69	0	4	73	94.52%
First Year M.Tech.	Civil (ENV)	8	10	3	21	85.71%	7	12	0	19	100.00%
First Year M.Tech.	Civil (STR)	24	5	1	30	96.67%	29	1	0	30	100.00%
First Year M.Tech.	Mech. (DE)	30	0	0	30	100.00%	28	2	0	30	100.00%
First Year M.Tech.	Mech. (HP)	18	0	0	18	100.00%	18	0	0	18	100.00%
First Year M.Tech.	Mech. (PR)	30	0	0	30	100.00%	28	0	1	29	96.55%
First Year M.Tech.	Electrical (CS)	10	6	2	18	88.89%	8	7	0	15	100.00%
First Year M.Tech.	Electrical (PS)	12	0	6	18	66.67%	14	2	2	18	88.89%
First Year M.Tech.	Electronics	26	3	1	30	96.67%	27	2	2	31	93.55%
First Year M.Tech.	CSE	26	3	1	30	96.67%	27	1	2	30	93.33%
First Year M.Tech.	IT	17	1	0	18	100.00%	13	1	0	14	100.00%
Second Year M.Tech.	Civil (ENV)	13	0	0	13	100.00%	18	0	0	18	100.00%
Second Year M.Tech.	Civil (STR)	22	0	0	22	100.00%	28	0	0	28	100.00%
Second Year M.Tech.	Mech. (DE)	28	0	0	28	100.00%	30	0	0	30	100.00%
Second Year M.Tech.	Mech. (HP)	16	0	0	16	100.00%	18	0	0	18	100.00%
Second Year M.Tech.	Mech. (PR)	28	0	0	28	100.00%	30	0	0	30	100.00%
Second Year M.Tech.	Electrical (CS)	16	0	0	16	100.00%	15	0	0	15	100.00%
Second Year M.Tech.	Electrical (PS)	11	0	0	11	100.00%	11	0	0	11	100.00%
Second Year M.Tech.	Electronics	28	0	0	28	100.00%	29	0	0	29	100.00%
Second Year M.Tech.	CSE	29	0	0	29	100.00%	26	0	0	26	100.00%
Second Year M.Tech.	IT	18			18	100.00%	18	0	0	18	100.00%
		2087	167	135	2389	94.98%	2043	217	134	2394	94.40%

Completion Index

Year	FY Admn	DSY Admn	Total	Graduated	CI
2014-15	409	95	504	488	0.9682
2015-16	417	91	508	453	0.8917
2016-17	426	91	517	432	0.8355

Academic Performance Index

CPI	> 9.5	9.5- 8.5	8.5-7.5	7.5 - 6.5	6.5 - 5.5	< 5.5	Graduated	API
2014-15	0.4	10.64	32.58	37.70	16.80	1.84	488	7.84
2015-16	1.76	17.66	32.67	39.29	8.38	0.22	453	8.13
2016-17	2.08	17.36	40.50	29.16	10.64	0.23	432	8.19

**Completion Index****Academic Performance Index****Top Scorers in Competitive Examinations:****GATE-2016 Toppers (All India Rank Less Than 5000)**

Sr. No.	Candidate Name	Branch	All India Rank
1	Harshal Gokhale	Electronics	135
2	Soham Chintawar	Civil	458
3	Shubham Baisthakur	Civil	745
4	Anup Gaggar	Civil	1463
1	Akshay Bajrang Jawale	Mechanical	1526
5	Shivraj Jadhav	Electronics	1542
6	Ashish Kondalwade	Civil	1663
3	Kumbhar Abhinandan	Mechanical	2500
2	Zambre Kapil M	Mechanical	2750
7	Chirag Padmwar	Civil	2774
8	Piyush Powar	Civil	2999

Sr. No.	Candidate Name	Branch	All India Rank
9	Ameya Venikar	Electrical	3026
10	Sayali Gosavi	Civil	3030
11	Indrajeet Kadam	Electrical	3129
4	Patil Vaihav	Mechanical	3192
12	Vitthal Pandhare	Electronics	3321
5	Kapase Akash H	Mechanical	3476
13	Swati Pawar	Civil	3514
14	Suraj Pawar	Electrical	3607
15	Onkar Thorat	Electronics	4813

CAT-2016 Toppers (More Than 75%)

Sr. No.	Candidate Name	Branch	Percentile
1	Rohit Vilas Bhosale	Mechanical	99.05
2	Dhiraj Deokar	CSE	98.71
3	Chaitanya Kulkarni	Electronics	85
4	Yogesh Vaidya	Electronics	81

GRE in 2015-16 Toppers (More than 300)

Sr. No.	Candidate Name	Branch	Marks
1	Yash Nasery	Electronics	319

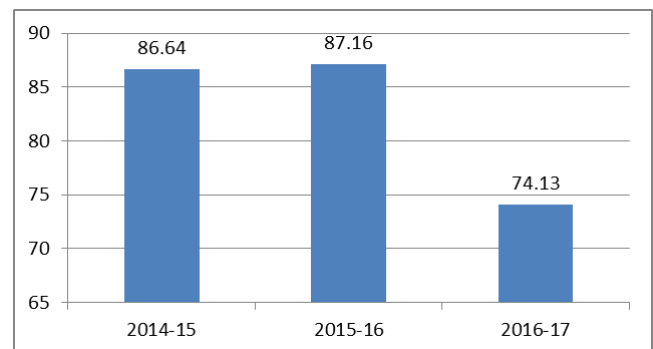
3.3 Combined Percentage for Placement, Higher Studies and Entrepreneurships

UG and PG Placement of Last Three Years

Branches	UG % Placement			PG % Placement		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Civil	76.12	80.00	49.1	61.90	25.71%	20.00
Mechanical	87.50	87.32	82.1	43.18	38.00	23.07
Electrical	78.57	81.25	65.6	62.50	51.51	9.90
Electronics	90.00	88.89	76.9	81.82	68.00	50.00
CSE	92.86	91.82	84.5	79.17	82.14	46.42
IT	93.06	88.89	70.8	91.67	44.44	50.00
Total	87.04	87.16	73.4	64.63	64.63	30.4
No. of Companies	80	74	80	Placement for PG students in Companies is increasing. Rest get off-campus placement mostly as teachers		
Average Salary Rs Lacs	3.81	4.95	5.17			
Max Salary Rs. Lacs	16.00	21	14.1			
Dream Offers	264	359	214			

UG Placement Percentage

Year	Enrolled	Placed	% Placed
2014-15	464	402	86.64
2015-16	444	387	87.16
2016-17	433	321	74.13
Average	447	370	82.77



Sector wise Placement Analysis of Visiting Companies

SECTOR WISE AVERAGE SALARY OFFERED in Rs. LPA in 2016-17



Average Salary Offered in LPA

Placement of UG Students: 2016-17 (Till October)

Branch	Enrolled	Placed	% Placement
CIVIL	55	29	49.1
MECHANICAL	67	56	82.1
ELECTRICAL	64	42	65.6
ELECTRONICS	65	50	76.9
CSE	110	93	84.5
IT	72	51	70.8
Total	433	321	73.4

Placement of PG Students: 2016-17 (Till October):

Branch	Enrolled	Placed	% Placement
CIVIL	35	7	20.00
MECHANICAL	65	15	23.07
ELECTRICAL	22	2	9.90
ELECTRONICS	28	14	50.00
CSE	28	13	46.42
IT	16	8	50.00
Total	194	59	30.4

TOP FIVE COMPANIES on the basis of salary and number of students placed in 2016-17

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	BPCL	14.1	1	Accenture	122
2	Barclays	11	2	Infosys	68
3	Symantec	10.43	3	IBM	58
4	Veritas	9.32	4	Wipro	39
5	Siemens PLM	9	5	Veritas	17

Detailed Placement of 2016-17:

This year, 80 companies visited the campus for placement. 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 Offer	Dream Offers	No. of students Placed												
					Civil		Mechanical		Electrical		Electronics		Compter		IT		
					B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	
1	BPCL	14.1	3	3										3			
2	Barclays	11	5	5										5			
3	Symantec	10.43	1											1		0	0
4	Veritas	9.32	17	17										12		5	
5	Siemens PLM	9	14	14			1		1			4		5		3	
6	EMC (Dell)	8.93	0	0										0	0	0	0
7	NVIDIA	8.24	3	1										0		3	
8	Hindustan Unilever	8.2	1						1								
9	Agrostar	8	4											2	1	0	1
10	FinIQ	8	8		1							1		3		3	
11	TCS (TRDC)	7.78	6	6										4		2	
12	ThoughtWorks	7.23	6	2										5		1	0
13	TCS (Digital)	6.7	5	4					1			1		2		1	
14	Josh Software	6.5	4											3		1	
15	Idyllic Software	6.5	4											1	1	2	
16	Mercedes Benz	6.5	2	1			2										
17	Pubmatic	6	5											4		1	
18	Nice System	6	7	7										6		1	
19	Siemens PLM (PG)	5.8	1									1					
20	Thornton Tomasetti (India)	5.75	1	1		1											
21	TIBCO	5.6	1	1												1	
22	GE (PG)	5.5	2												1		1
23	MAHATRANSCO	5.5	1	1								1					
24	MAHAGENCO	5.5	1	1					1								
25	John Deere (PG)	5.5	2				1					1					
26	Cummins (R & D)	5.3	2				2										

Sr. No.	Company	Salary in LPA	Total Offer	Dream Offers	No. of students Placed											
					Civil		Mechanical		Electrical		Electronics		Compter		IT	
					B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech
28	Siemens	5	15				8		3		4					
29	John Deere	5	12	1			6		2		2		1			
30	Godrej	5	4	3			4									
31	PWD	5	2				2									
32	Americian Buareo of Shipping corporation	5	11	11									9	1	1	
33	Kirloskar Brothers	5	0				0		0							
34	L & T (Electrical & Heavy Engg.)	4.87	9				3		6							
35	L & T (ECC)	4.87	4	2	2			1				1				
36	Tata Technology	4.75	5				2						3		0	
37	TVS Motors	4.5	1				0		1		0					
38	Zycus	4.5	8										5	2	1	
39	Xoriant	4.5	5										3		2	
40	CDK Global	4.5	2										1		1	
41	Bajaj	4.5	3	2			3									
42	Thermax	4.5	1	1									1			
43	GE	4.5	3	1			2		1							
44	WRD	4.5	2				2									
45	BSNL	4.5	1									1				
46	Cummins (UG)	4.25	2	1			2									
47	3Dplm software	4 / 4.5	5				2	2					1			
48	BOSCH	4	3	1			2									
49	Kyazoonga	4	6										2		4	
50	Secure Meter Company Ltd.	4	2	1					2							
51	WURTH IT	4	3	1							2				1	
52	iASYS Software	4	0										0		0	
53	TCS (PG)	4	9	1								5		3		1
54	Amdocs	3.95	4	4									2		2	
55	Calsoft	3.75	3								1		2			
56	IBM	3.7 / 4.01	58	13					13	1	13	2	20	2	5	2
57	Cybage	3.59	2										1		1	
58	Shapoorji Pal-lonji	3.5	4		4											
59	Accenture	3.5	122	53	13		23		12		28		31		15	
60	Ellicium Solutions	3.5	1								1					
61	Releyon Solar	3.5	2	2					2							
62	HCC	3.5	4		4											
63	TorrentPower	3.5	3	2	1				2							
64	Endurance	3.5	7	4			5		1		1					
65	Regal Belloit	3.5	1	1			1									
66	Sankalp Semiconductor	3.5	2	1							0	2				
67	STUP Consultants	3.5	5		1	3										
68	TCS	3.36	6	3									6			
69	WIPRO	3.25 / 3.5	39	0			4		2		5		20	1	7	
70	WIPRO (VLSI)	3.25 / 3.5	4								3	1				
71	Infosys	3.25 / 3.5	68	40	0	0	5	7	8		16	2	19	2	8	1
72	MindTree	3.25	3								1				2	
73	CapGemini	3.25	2						1		1					
74	FISERV	3	0						0		0		0		0	

Sr. No.	Company	Salary in LPA	Total Offer	Dream Offers	No. of students Placed											
					Civil		Mechanical		Electrical		Electronics		Compter		IT	
					B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech	B.Tech	M.Tech
75	VyomLab	3	5	1									1		2	2
76	Plexusbit Software	3	3										1	2		
77	PARI Robotics	3	2				1		1							
78	JW Consultants	3.5	4			4										
79	eInfochips	2.8	3								1	1				1
80	Sonai Infrastructure	2.4	3		3											
Total Offers			599	215	30	12	79	15	61	2	86	18	192	16	78	9
Dream Offers					1	1	23	0	19	0	36	4	99	3	27	1
Total No of Students Placed					29	11	56	15	42	2	50	14	93	13	51	8

Labs Set-up through Collaborations

Sr. No.	Industry/ Organization	Centre	Department
1	John Deere	Research centre in embedded system	Electronics
2	IBM	Centre of Excellence	CSE
3	MPCB	Air quality monitoring Lab.	Civil
4	DRDO	High Performance Computing	IT
5	Danfoss	Refrigeration and Air Conditioning	Mechanical
6	3DPLM	Product Innovation Lab	Mechanical

Graduates Opting for Higher Studies

Year	Graduated	Higher Studies	% HS
2014-15	488	41	8.4
2015-16	453	47	10.37
2016-17	432	42	9.72
Average	1373	130	9.49

3.3 Extra-Curricular Activities and other Achievements:

- Two-days onsite training arranged in two batches for 52 TY B.Tech. Electrical Engg students at Maha-Transco Regional Training Centre, Talandage, Kolhapur during 8-11th Oct. 2016.
- State-Level Students Technical events were organized by Mechanical, CSE and IT students during 15-16th Oct. 2016, and by Civil, Electrical and Electronics Engg students during 22-23rd Oct. 2016. More than 3000 students from various colleges participated.
- Three WCE Students-Ms Pooja Patil, T.Y.(I.T.); and Ms. Jeffy Thomas S.Y.(CSE) completed 45-day **Summer internship at Athens Uni., Greece** and Mr Gaurav Arwade T.Y.(Mech.) at **National Technical Uni., Ukraine, Russia** during 15 June to 30 July 2017.
- WCE-CSE team stood **Second at 'Smart India Hackathon-2017 Competition'** organized on 2nd April 2017 by Electronics and IT ministry sponsored by MHRD and AICTE. Delhi University came 1st and Dream Inst. of Tech., West Bengal got the 3rd prize. 51 Institutes including IITs and NITs were shortlisted for final round. 2 teams from WCE were among these 51 shortlisted teams.
- Ms Anwasha Rath from **Stony Brook Uni, New York, USA** worked on "Speed Controller for Chopper-Fed DC Drive with Fuzzy Logic using dSPACE" at the Electrical Engg Dept, of **WCE, Sangli** for her **Summer Internship** during 15th June to 18th August 2017 under the guidance of Shri S.S. Karvekar.
- Three Students from T.Y. CSE, Nayana Satpute, Rohit Kumbhare, and Puja Borude participated in **Indo-Canada Project competition** held at MCCIA, Pune on 8th June 2017. They presented a Project on "Home Automation using IOT".
- Four teams from Seneca, Toronto, Canada, two from COE, Pune and One from WCE, Sangli participated in the project Competition. Nayana Satpute, Rohit Kumbhare, and Puja Borude from T.Y. CSE, WCE, Sangli Participated with their Project on "Home Automation using Internet of Things" on 8th June 2017
- A competition on the theme '**Start-up a Business with Innovative Ideas**' was organized by Sangli Miraj Commercial Ventures Pvt Ltd. on 22nd March 2017, WCE teams won the second and the third prizes, handed over by Shri Gopalraje Patwardhan.
- Under Vittiya Saksharta Abhiyan (**VISAKA**) Organized by HRD Ministry 80 students in 5 groups of WCE, Sangli arranged Road shows, dramas and showing Video on Cashless India in various nearby 15 villages. Students met villagers, shopkeepers, school children's, etc. and took the initiative to teach people different ways to transact cash digitally using Debit/Credit Cards, Online Banking, USSD, UPI, BHIM Application during January 22-28, 2017.
- Shri Sachin Patil (QIP Ph.D. Research Scholar, CSE. Dept.) presented paper in "IEEE-Big Data Services-2017" Conference at San Francisco Bay, California, USA during 4-6th April 2017.
- Shri S.S. Karidkar (QIP Ph.D Research Scholar, Mech. Dept.) presented paper at the International Mechanical Engg Congress and Exposition at Phoenix, Arizona, USA during 11-17th November 2016.

- **MPSC-2017 Results** 3 WCE Alumni were in Top 5. Shri Shrikant Gaikwad (Rank-2: Deputy Collector); Shri Sagar Pawar (Rank-3: DYSP); and Shri Amol Mandve (Rank-5: DYSP);
- **GATE-2017 Results:** Shri Rajawardhan Sarnobat (Mech-2015) AIR-28; Shri Ram More (Mech-2016) AIR-412; Shri Abhishek Singh (Civil-2015) AIR-49;
- **CAT-2017 Results:** Shri Rishi Rathi - CAT Score 99.57% & secured admission in IIM Kozhikode.
- 32 students from Mechanical, Electrical, Electronics and CSE participated in ABU ROBOCON 2017- Design and development of Robots at Balewadi Stadium, Pune during 2-4th Mar 2017. Total 112 teams participated in ROBOCON.
- Shri Rajkumar Choudhary, SY M.Tech. (CSE-IT) stood 6th in **21 km** Shahid Ashok Kamte Marathon, Sangli held on 5th March 2017.

Student Activities and Achievements



Rotaract Club of WCE Sangli & NSS unit organized Blood Donation camp during 3rd February 2017



Intercollegiate Cultural Competition 'Yuvarang' organized at WCE. 300 participants from 25 Colleges from nearby districts took part in the Competitions in Dance, Drama, Art, Debate, Photography, Singing, Poetry, Rangoli, etc. during 11-12th February 2017.

स्मार्ट इंडिया हॅकथॉन स्पर्धेत 'वालचंद अभियांत्रिकी' द्वितीय

पुणे, ता. ३ : दरेकदुनिक आणि माहिती तंत्रज्ञान मंडळाने मुम्बईकडेच्या समर्थनाने उपाय योजनेचे अर्थ विवकलित करून माहितीच्या वाळवंट अभियांत्रिकी महाविद्यालयाने 'स्मार्ट इंडिया हॅकथॉन २०१७' या स्पर्धेत दुसरा क्रमांक पटकावित. दिल्लीच्या अभियांत्रिकी महाविद्यालयाने पहिला, तर पंजिपम मंडळाने 'ट्रीम इन्व्हेस्ट्मंट ऑफ टेकनॉलॉजी'चे तिसरा क्रमांक पटकावित. महाराष्ट्र सरकारने सुरू केलेल्या 'स्मार्ट इंडिया हॅकथॉन २०१७' या स्पर्धेत दुसरा क्रमांक पटकावित. दिल्लीच्या अभियांत्रिकी महाविद्यालयाने पहिला, तर पंजिपम मंडळाने 'ट्रीम इन्व्हेस्ट्मंट ऑफ टेकनॉलॉजी'चे तिसरा क्रमांक पटकावित. महाराष्ट्र सरकारने सुरू केलेल्या 'स्मार्ट इंडिया हॅकथॉन २०१७' या स्पर्धेत दुसरा क्रमांक पटकावित. दिल्लीच्या अभियांत्रिकी महाविद्यालयाने पहिला, तर पंजिपम मंडळाने 'ट्रीम इन्व्हेस्ट्मंट ऑफ टेकनॉलॉजी'चे तिसरा क्रमांक पटकावित.



स्मार्त इंडिया हॅकथॉन २०१७' स्पर्धेत तिसरा क्रमांकाचे पारितोषिक पटकाविल्या सांगलीच्या वालचंद अभियांत्रिकी महाविद्यालयाचा संघ.

'सिंहगड कॉलेज'ला उत्तेजनार्थ
मुम्बईतील 'पेरिगलर इन्व्हेस्ट्मंट ऑफ मॅनवॉरंट' याचे प्राणेच्या 'स्मार्ट इंडिया हॅकथॉन २०१७' या स्पर्धेत 'परिस्टंट सिस्टीम' या संस्थेच्या आलेखे उतेजनार्थ पारितोषिक पुण्याच्या 'सिंहगड कॉलेज ऑफ इन्व्हेन्शियल'चे पटकाविले.

Smart India Hackathon-2017 Competition: CSE-WCE team stood 2nd among 51 shortlisted teams including IITs & NITs for final round. 2 WCE-teams were in the final round organized by Electronics & IT ministry, MHRD & AICTE during 2nd April 2017

Gymkhana Activities

Zonal / Inter-Zonal / Inter-University Sports Activities:

80 students (Boys and Girls) have participated in various sports activities conducted by the Shivaji University (Zonal / Inter zonal) at various games like Cricket, Basketball, Football, Chess, Volleyball (Boys/girls), Badminton, Table Tennis, Softball, kho-kho, kabaddi, etc. 25 students out of 80 were qualified for Inter- Zonal Tournaments.

Zest Sports Activities/achievements:

80 Students were participated in ZEST 2017 organized by CoE Pune, in various games like Cricket, Basketball, Football, Chess, Badminton, Volleyball, Table Tennis, Kabaddi, Kho-kho etc. WCE Sangli teams were third place in cricket at ZEST 2017, organized COE Pune.

Achievements in Individual Games at Zonal and Inter-Zonal SUK games:

A) Badminton: Badminton Boys team stood 1st in Zonal Tournament and Inter-Zonal Tournament. Winning team: Swaroop Waykole, Shantanu Vipradas, Rohit Miraje, Varad Karamarkar and Aditya Joshi

B) Table Tennis: Table Tennis Boys and Girls team stood 1st in Zonal Tournament. Winning team: Vipul Daroda, Vishal Purkar, Vaibhav Indalkar, Jagdish Kayasth and Saurabh Mirajkar.

C) Chess: Chess team: Mukund Sudharsan(T.Y.CSE), Nikhil Chavan (T.Y.CSE), Saurabh Jamdade(T.Y.IT), Vaibhav Kokare (S.Y.Mech) and Soham Shelgaonkar (F.Y.Mech) Team stood 1st in Zonal Tournament and Inter-Zonal Tournament. Mukund Sudharsan and Soham Shelgaonkar stood second and fifth place and got selected for the Inter-Zonal Chess Competition.

D) Cricket: Boys Cricket Team runner up in Zonal Tournament and semi-finalist in Inter Zonal. Prashant Patil selected for University level team in cricket.

E) Swimming: WCE Team stood 1st in Zonal level and Inter-Zonal Tournament.

WCE Organized WEST 2017 –National level Sports competition:

WEST 2017 conducted various games like Cricket, Basketball, Football, Chess, Volleyball (Boys/girls), Badminton, Table Tennis, kho-kho, kabaddi, etc. WCE Sangli teams were winner in cricket and Badminton in WEST 2017.

Other Activities:

A) 5th Ashok Kamate Marathon achievements/participation :

1. Mr. Rajkumar Choudhary, SY M.Tech. (CSE-IT) stood 6th in 21 km Shahid Ashok Kamate Marathon, Sangli
2. Shreedhar Kumbhar, SY M.Tech. Design, 10 km, Ashish Chafekar, FY M.Tech. Production, 10 km, Dnyaneshwar Renke FY M.Tech. Production, 5 km, and Laxman Patil, FY M.Tech. Civil, 5 km, were participated and successfully completed 5th Shahid Ashok Kamate Marathon.
3. Faculty Dr. A.J. Umbharkar, Dr. Mrs. Shefali Sonavane, Mrs. Asman Miraje, Mrs. Sharwari Solapue. Miss. Medha Sha-ha and Mr. C.H.Wagh, successfully completed 5th Shahid Ashok Kamate Marathon.

B) Outside Carrom achievements

- Pranil Chavan and Keshav Kumbhar winner at Vasant 2017 organized by PVPIT Budhgaon.
- Pranil Chavan and Keshav Kumbhar winner at Infinity organized by RIT Islampur.
- Pranil Chavan winner at CHESA organized by PVPIT Budhgaon.
- Pranil Chavan and Nilesh Burnage and Arvind Thombare runner-up at ZEST 2017 organized by WCE Sangli.
- Pranil Chavan, Nilesh Burnage and Arvind Thombare winner at SMMIT 2017 organized by MIT Pune.
- Pranil Chavan selected from Sangli district for state level carrom championship for year 2017.

Other developments and news of gymkhana:

1. Gymkhana issued the all the sportsman the sport kit (Shorts, Tee Shirts, Pants, Shoes, Bags, sports material etc) to individual student for his/her respective sport event. TA/DA is given to students who have participated in university sports activities at various places.
2. Gymkhanas supported “Annual Social Gathering 2017” and ZEST 2017 for engaging all indoor and outdoor games, athletics. This time woman cricket and mixed cricket is introduced in ASG 2017.
3. All the sports staff advisors have co-operated the undersigned regarding the selection of teams for university zonal/ inter zonal matches, guiding the students for their respective sports activity etc.
4. WCE Gymkhana deposited Rs. 11645/- against the pro – rata for the university sports during 2016 – 17 to the Secretary, Sangli zonal sports council.
5. Gymkhana this year made the two covered cricket practice pitches and renewed the main pitches. Concrete basket ball ground is also prepared..



Indo-Canada Innovative Project Competition: Four teams from Seneca, Toronto, Canada, two from COE, Pune and One from WCE, Sangli participated in the project Competition. Nayana Satpute, Rohit Kumbhare, and Puja Borude from T.Y. CSE, WCE, Sangli Participated with their Project on “Home Automation using Internet of Things” during 8th June 2017.



2nd Prize Team ‘Raw Studio’: Harshal Thakre, Yash Bele, and Prasad Gulhane from TY-CSE



3rd Prize Team ‘Starterio’: Muskan Atar and Rohan Kulkarni, TY-Mech, Ankita Hujare from TY-Civil

Start-up a Business with Innovative Ideas: Competition Organized by Sangli-Miraj Commercial Ventures Pvt Ltd. Prizes handed over by Shri Gopalraje Patwardhan



Vittiya Saksharta Abhiyan (VISAKA) WCE, Sangli students arranged Road shows, dramas and showing Video on Cashless India in various nearby 15 villages. to teach people different ways to transact digitally using Debit/Credit Cards, Online Banking, USSD, UPI, BHIM Application during January 22-28, 2017



Effi-cycle Competition Held during 12th Oct to 15th Oct 2016 at LPU Jalandhar Punjab, Stood 13th in 110 teams (10 members team)
Faculty Coordinator: Dr. D. S. More, Prof. A. U. Paranjpe



Effi-Car Competition Held during 1st Nov to 4th Nov 2016 at Chandigarh, Overall ranked 4th in 20 teams (12 members team)
Faculty Coordinator: Prof. A. P. Patil, Prof. S. D. Jagtap, Dr. S. U. Sapkal



E-Baja competition held on 15th Feb 2017 at Bhopal, Won BEST CAE AWARD and Stood 7th in overall ranking (25 members team)
Faculty Coordinator: Dr. K. H. Inamdar, Prof. A. U. Paranjpe



Electronics Engineering Students' Associations (ELESA)

The annual technical symposium of the Electronics Engineering students' Association (ELESA) of Walchand college of engineering, Sangli started with much fanfare and enthusiasm. Held on 17th and 18th of September 2016, it witnessed both, the organizers and the participants, experience thrilling technological and managerial obstacles.

"To shine like a sun, you first need to burn like a sun"

These great words by Late Dr. APJ Kalam were the premiere principles which were evident from the way everyone completed their responsibilities. With absolutely no concern about any other thing, ELESA channelized its entire workforce to reap good fruits. Campaigning schedules, financial track of all transactions, decorations were all a part of the golden times that the ELESAites spent together to collectively make the event a grand success. No single ELESAite showed any indication of fatigue throughout the event. This being the reason we proudly call ourselves, an "ELESAite". So, the entire ELESA fraternity, hand in hand; came up, worked tirelessly round the clock, which calls for a huge amount of appreciation.

Two days of extravaganza, 7 competitions in all and an overwhelming response from the participants made Electrovert 2k16 a memorable success, surely raising the benchmark for the upcoming organizers of the event.

Electrovert 2K16, being a two day event comprised of 7 competitions conducted on either of the two days. The committees were divided equally for smooth functioning of each and every event. With well-coordinated assignment of tasks, every aspect of the Electrovert 2K16 was taken care of.



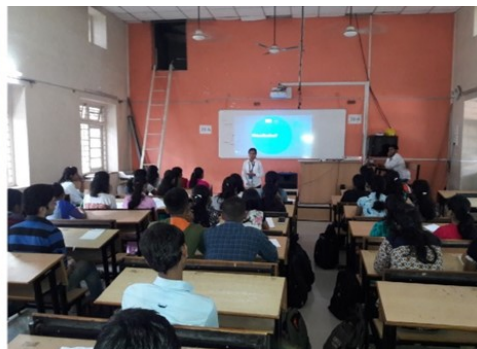
Students association of information technology (SAIT)

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.
2. Tech-Trix.

Hardware workshop was organized by SAIT board members and Admin Committee of IT students. This was one day workshop and good response from WCE, Sangli as well as from nearby colleges. This workshop was held on 8th and 9th





Electrical Engineering Students' Association (EESA)

EESA is a students' organization pioneered in technical activities, founded by Dr. U Gudaru. 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.

TECHNOCRAT: Annual Technical Symposium organized on 22nd and 23rd October 2016.

Instead of keeping our activities limited to only our college, we aim at giving a common platform to students from various colleges to showcase their skills and also facilitate the sharing of knowledge and new technologies. This facilitates to improve the competitive spirit of students and helps them to develop at par with the constantly moving world. This is the sole purpose of organizing TECHNOCRAT. The number of footsteps visiting this event has been increasing year by year.



ACSES

logically shifting the world >

ASSOCIATION OF COMPUTER SCIENCE AND ENGINEERING STUDENTS

Techumen is a national level technical symposium organized by ACSES (Association of Computer Science and Engineering Students) of Walchand College of Engineering, Sangli. Being national level competition it has achieved different level among many events held by colleges of Maharashtra.

There was a great rise of approximately 60% in number of entries considering the count of TECHUMEN 2k15 and 2k16. The event experienced increase this year too. The event in-charge was Mr. Vaibhav Thombre and mentors were Mr. Shivam Dhanadhy (President, TECHUMEN'15) and Mr. Prfull Desai (President, TECHUMEN'16). The event was successfully conducted under excellent guidance of staff advisor Prof. A. R. Surve and Head of Department Dr. B. F. Momin. This year there were many noteworthy innovations.

Members of ACSES have themselves created a coding platform. And one of the competitions – Code Wizard was successfully conducted on the same. It compiled over 700 codes and was a great event. Besides, we had a new event – REPUBLICA. This event had a background of administration and management and focused mainly on UPSC/MPSC and management aspirants. For the same event, we had Wing Commander Mr. Sanjay Patil as a chief guest with us. In this way TECHUMEN this year focused on all round development of an individual.





Mechanical Engineering Students' Association-Mechanical Engineering Students' Chapter MESA-MESC

Mechanical Engineering Students' Association-Mechanical Engineering Students' Chapter (MESAMESC) 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 2016-17, MESA-MESC had organized following events:-

- Weekly Club Services: soft skill development activities. Group discussions, extempore, management games, etc.
- VERTEX 2K16: The State Level Technical symposium
- Alumni Meet: Every year on second Sunday this event is organized by MESA-MESC.
- Interviews for selection of board members and Board handover



Rotaract Club Of WCE Sangli is functioning in Walchand College Of Engineering since 23rd February 1975. Our major objectives aim at overall development of Walchandites. 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. Various initiatives have been undertaken to accomplish this aim successfully.

- EVENTS CONDUCTED:
- GENERAL INTEREST MEET (10th August 2016)
- TREASURE HUNT (22nd January 2017)
- GENERAL BODY MEET
- GUEST LECTURE (1st September 2016)
- BLOOD DONATION CAMP (24th August 2016)
- ADHYAYA (15th October 2016)
- BLOOD DONATION CAMP (3rd February 2017)
- DARK PEACE (25th and 26th March 2017)
- GRADUATE ENGINEERS TEST AND INTERVIEW TECHNIQUES (5th of March, 2017)



VISION

(March 10-11, 2017)



Chief Guest of Vision 2017: Shri Manish Patil CEO of Samrudhi TBI Foundation inaugurated the function. Shri Dattatraya Shinde, SP Sangli, delivered the Valedictory address.

Annual Social Gathering

(March 12-14, 2017)



Chief Guest: Shri Niranjan Vayangankar, Deputy Inspector General of Police, Pune and WCE, Alumni (CSE-1994) was the Chief Guest for the Inauguration

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. Aradhye	Ex Director, ISRO Ahmadabad
15	Shri B.R. Lanka	CEO, 3dPLM Division

6th WCE Alumni Meet: January 14th, 2017

Dr. Sadanand Joshi (Mechanical-1972); President of Joshi Technologies International, Oklahoma, U.S.A; who has contributed in developing horizontal well technology to produce crude oil and natural gas was felicitated as distinguished alumnus. MP Shri Sanjay Patil presided over the function. More than 270 Alumni attended this program.



4. OUTREACH AND INCLUSIVITY

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

Activities Conducted:

SN	Name of Event	Details of Event	Name of Event Coordinator	Date of Event
1	One Day Workshop on Advanced Concept of GUI Design for SY B. Tech Students of CSE	Trainer: Mr. Amol Kakade, Soft. Dev. From IBM Pune	Mr. A.R. Surve	09-Apr-16
2	i-pro program stressing success	For First year B. Tech students Prof. Y.I. Shah OSD ,DTE Mumbai &Mr. Sameer Dudhgaonkar V.P of Chamber of Commerce Maharashtra	Mr. K.V. Madhale	09-Apr-16
3	Inauguration function of WCE ACM student Chapter	Speech of Dr. Aditya Abhyankar Dean Pune Uni.	Mrs. M.A. Shah	16-Apr-16
4	Two days' workshop on "MATLAB implementation of Soft computing Techniques" for TY & MTECH-I Students of CSE.	Speaker: Mr. Sandip Pati IAsso. Prof., IIIT Pune at WCE Sangli	Ms. N.L. Mudegol, Dr. S.H. Bhandari	18 to 19 Apr 2016
5	Two days' Workshop on MATLAB Implementation of Soft Computing Problems for UG and PG students	Mr. Sandip Patil Asso. Prof., IIIT Pune.	Dr. S.H. Bhandari	18 to 19 Apr 2016
6	Use of ICT in Education for Online and Blended Learning	AICTE approved 4 week faculty development program, IIT Bombay	Dr. S. D. Ruikar	2 May to 10 Jul 2016
7	Knowledge Sharing Session and alumni Interaction Programme	One Day Event	Mr. Harshal Kulkarni Prof. J. M. Dabir	08-May-16
8	Use of ICT in Education for Online and Blended Learning	Under the National Mission on Education through ICT (MHRD, Govt. of India), conducted by IIT Bombay	S.D. Ruikar	14th, 15th May; 4th, 5th June; 25th and 26th June, 2016
9	DAB/BOS Meeting of CSE Dept.	Mr. Bhalerao, Prof. D.B. Kshirsagar, Dr. Parag Kulkarni, Mr. Ravindra Naik	Mr. M.K. Chavan	18-Jun-16
10	Industrial Training in Thermal Power Plant	Industrial Training for UG, PG students	Dr. A. P. Vaidya	27 Jun - 02 Jul 2016
11	One week power plant familiarization training	Faculty Development Programme at DTPS Dahanu	V P Mohale and Dr. A P Vaidya	27 th June to 2 nd July 2016
12	Recent Trends in Mechanical Engineering	Two Days conf. at WCE Sangli	Dr. U.A. Dabade, Dr. D. V. Ghewade	4 to 5 Jul 2016
13	Good Shop Floor Practices	Arranged By, M. S. Ramaiah University of Applied Science, Bangalore and Directorate of Training and Lifelong Learning, Bangalore.	Dr. U.A. Dabade Dr. M. S. Pawar	5 to 6 Aug 2016
14	Exposure to product Design and Innovation	Two Days Event	Prof. S. S. Mane	27 to 28 Aug 2016
15	One Day Workshop on "Empathize... Innovate... Start... Mantra for 21st Century" on Organized under TEQIP –II	WCE Sangli	Prof. P. G. Sonavane	17-Sep-16
16	Two days Training Program on Role perception and breaking the barriers for effective functioning of department	Resource Person: Ruchira Ghormare, HR Consultant & Trainer Organized under TEQIP –II	Prof. P. G. Sonavane	23-24 September 2016

SN	Name of Event	Details of Event	Name of Event Coordinator	Date of Event
17	One day program under industry institute interaction with Dola Roychowdhury (Vice President of Z Tech company based at New Delhi)	Organized under TEQIP II	Prof. P. G. Sonavane	28-Sep-16
18	Recent Trends in Manufacturing Technology (RTMT 2016)	Resource Person : Prof. Dr. P.M. Khodake and others	Dr. U.A. Dabade Dr. S. U. Sapkal Mr. Rahul Channanwar Mr. H. H. Kulkarni	7 to 8 Oct 2016
19	Workshop on Ruby on Rails	Harshvardhan Vadhavkar: Trainer	Mrs. M.A. Shah	8 to 9 Oct 2016
20	IC Engine and Automobile Systems	Two days workshop for UG students	Mr. J. M. Dabir	8 to 9 Oct 2016
21	Various Aspects of Mechatronics (VAM 2016)	Resource Person : Dr. Aditya Mehendale, Senior Technologist at Philips Innovation Services , Eindhoven (NL)	Dr. U. A. Dabade Dr. M.M. Khot	17 to 21 Oct 2016
22	One day workshop under TEQIP II on "Start up India" on	Workshop for students	Prof. P. G. Sonavane and Prof. G.R. Munavalli	17-Oct-16
23	Project Management	In collaboration with PMI Pune Two Days Event Arranged WCE Sangli. For M. Tech	Prof. Pravin Mane Prof. Arvind kale Prof. Deepak Dhole Prof. S.S. Mane Prof. Agnell D'Souza	21 to 22 Oct 2016
24	Two Days workshop under TEQIP II on "Role of perception in effective functioning of department" on	Workshop for faculty and support staff	Prof. P. G. Sonavane and Prof. G.R. Munavalli	23 to 24 Oct 2016
25	Recent Trends in Heat Exchanger (RTHX2016) under TEQIP-II	Two days Organized by WCE Mech Dept.	Dr. B. S. Gawali Dr. D. V. Ghewade Dr. U.A.Dabade	24 to 25 Oct 2017
26	AUTODESK - FUSION 360	Two days workshop, Resource Person: Ramesh Pudale, Bangalore	Mr. R. M Channanwar, Mr. P.A. Mane, Mr. J. M. Dabir,	4 to 5 Nov 2016
27	Numerical Relays for Power System Protection	One Day Workshop for PG students at 400 kV RTC, Talandage	Dr. A. P. Vaidya	19th Nov 2016
28	Power Plant Familiarization	STTP for degree & diploma faculty	Dr. A. P. Vaidya	28 Nov-03 Dec 2016
29	Conference on "Innovations in Engineering & Management Education"	WCE Sangli & RIT Sakharale	A. K. Kokane (Organizing Committee Member)	8 to 9 Dec 2016
30	National Conference on "Innovations in Engineering and Management Education"	WCE, Sangli, RIT Sakharale	Dr. B.F. Momin, Mr. S.K. Parchandekar	8 to 9 Dec 2016
31	Advances in Electrical Power System	Faculty Development Programme at DTSP Dahanu	V P Mohale ,Dr A P Vaidya and Dr M MWaware	14-18 Dec 2016
32	Research Symposium on Computing		S P Sonavane	19 to 20 Dec 2016

SN	Name of Event	Details of Event	Name of Event Coordinator	Date of Event
33	National Level Research Symposium for Ph.D. Scholars and Researchers		Mrs. M.A. Shah	19 to 20 Dec 2016
34	Vertex -2016	Two day program WCE, Sangli	Mr. J. M. Dabir	2016
	5 Days Workshop on Data Science for UG & PG students of CSE	Ms. RutaSuhas Joshi, Priyanka (University of California Berkeley), Mr. Suhas Joshi	Dr. S.H. Bhandari	2 to 6 Jan 2017
35	one week STTP on “Advances in Structural Health Monitoring, NDT, Audit and Strengthening Technologies in Civil, Aerospace Structures	sponsored by TEQIP II, at WCE Sangli,	Dr. C. B. Pol Dr. S. N. Tande	2nd to 7th Jan. 2017.
36	National Conference on “Advances in Structural Health Monitoring, NDT, Audit and Strengthening Technologies in Civil, Aerospace Structures	sponsored by TEQIP II, at WCE Sangli,	Dr. C. B. Pol Dr. S. N. Tande	6th and 7th Jan. 2017.
37	Bearing Selection & Maintenance	One Day Seminar for the Students of M.Tech Mechanical	Dr. S. P. Chavan Mr. A. U. Paranjpe Mr. A. P. Patil	13-Jan-17
38	Annual Alumni Meet-2017	organised By WCE Sangli and Association Past Student WCE Sangli	Shri ShrinivasPatil President APS of WCE Sangli.	13 to 14 Jan 2017
39	Hypermesh Software	Mr. Abhijeet Joshi, Teccam Solutions, Pune	Dr. M. M Khot	16 to 17 Jan 2017
40	Two days Training Program on “Total Station” at Civil Dept.	WCE Sangli	Prof. P. G. Sonavane	23-24 January 2017
41	Two Days workshop on “LEAN for Civil Engineers”	Resource person Rajendra Pore organized under TEQIP II	Prof. P. G. Sonavane	28-29 January 2017
42	Fundamental and Hands on in Mechatronics	Resource Person : Dr. Prassanna Gandhi, IITB; Five Days Workshop under TEQIP-II 2017	Dr. U.A.Dabade, Dr. K.H.Inamdar, Dr. S.D.Ruikar	1 to 5 Feb 2017
43	Three days visit to CDAC, Bangalore and Visvesvaraya Industrial & Technological Museum Bengaluru	CDAC Knowledge park, Bengaluru	Mr. S.M. Rathod, Ms .Ankita Terk-hedkar, Mr. R.S. Sarode, Mrs. R.B. Mane, and 40 students	7 to 9 Feb 2017
44	Workshop on Web Technology for UG students of CSE	WCE Sangli	Mrs.M.A.Shah	18 to 19 Feb 2017
45	Condition Monitoring and Failure Analysis of Rotating Machines in Power Plants	One Days seminar	Dr. S. P. Chavan Mr. A. U. Paranjpe Mr. A. P. Patil	18-Feb-17
46	Mathematics Fundamentals for Engineering Teachers	IIT, Bombay	Mr. N. V. Marathe, Dr. B. G. Patil	23 to 25 Feb 2017 and 10 to 11 Mar 2017
47	Entrepreneurship Development In Engineering Education	Resource Person: Mr. Suhas Deshpande. Mr. Ashok Ranade. Mr. Atul Marathe. Mr. Vikas Bapat.	Dr. U.A. Dabade Prof Ranade S.M. Prof. V.B.Swami	3 to 4 Mar 2017
48	International Conference on Recent Advances in Civil and Environmental Engineering (RACEE 2017)	WCE Sangli	V. D. Salkar (Organizing Secretary)	4-5 March 2017
49	International Conference on Recent Advances in Civil and Environmental Engineering (RACEE 2017)	WCE Sangli	Prof. P. G. Sonavane (Convener)	4-5 March 2017

SN	Name of Event	Details of Event	Name of Event Coordinator	Date of Event
50	Organization of Computer Fundamentals workshop on Women's Day	WCE Sangli	Mrs. M. A. Shah	08-Mar-17
51	Research Methodology	Two Days Workshop under TEQIP-II 2017	Prof. Dr. D. V. Ghewade Dr. M. M. Khot Dr. U.A. Dabade	10 to 11 Mar 2017
52	IR Sensor Based Autonomous Robot	Two Days Workshop under TEQIP-II 2017	Dr. U.A. Dabade, And Prof. P.B. Chougule	17 to 18 Mar 2017
53	Expert Lecture on Organization of Talks	Speaker: Dr. Neeran Karnik	Mrs. M. A. Shah	24 to 25 Mar 2017
54	Hands on Internet of things	PROCOM Enterprises, Ichalkaranji	Mr. S. G. Nikhade	24 to 25 Mar 2017
55	Workshop on Internet of Things organised by PROCOM Enterprises	Trainer: PROCOM Enterprises Ichalkaranji	Mr. A. R. Surve & Mr. S. G. Nikhade	27 to 29 Mar 2017
56	One day workshop on "UG FELLOWSHIP (Summer Training) in Universities abroad for Indian Engineering students."	Resource person Dr. S. S. Inamdar, Director-CTIF, India Managing Trustee/Secretary, Vishwaniketan, Mumbai organized under TEQIP II	Prof. P. G. Sonavane	29-Mar-17

Guest Lecture Organized by Faculty:

S N	Name of Faculty	Place	Subject	Date of Lecture
1	Dr. M. S. Pawar	WCE, Sangli	Expert Lecture on Entrepreneurship Development	15 to 31 Jul 2016
2	Mr. Kaustabh Kane and Mr. Siddharth Miraje	WCE, Sangli	Opportunities of Higher Education in Europe	05-Aug-16
3	Dr. Deepak Sikarpur	WCE, Sangli	Inauguration and Expert Guest Lectures for Entrepreneurship Development Cell	26-Aug-16
4	Prof. J.G. Gajendragadkar	WCE, Sangli	Guest Lectures for B. Tech Mechanical students on the topic of Aesthetics and Ergonomics	26 Aug to 02 Sep 2016
5	S R Devne	Sangli	PV system design & utilization	4 sept 2016
6	Mr. K.V. Madhale	WCE, Sangli	"Special and general theory of relativity as foundations of space technology" by Dr. B.B. Walwadkar Ex. Professor of Mathematics WCE, Sangli	07 Nov 2016
7	Prof. Dr. S.S. Mohite	WCE, Sangli	Expert Lecture for Solid Mechanics	14 Oct to 25 Nov 2016
8	Prof. Dr. S.S. Dambhare, COE, Pune	WCE, Sangli	Current differential relaying for transmission line protection	15th Oct 2016
9	Prof. K. S. Gumaste	WCE, Sangli	Systematic Evaluation of CO2 Valorization Approaches of Prof. Ravindra Gudi, Dept. of Chemical Engg., IIT, Bombay	03-Feb-17
10	Prof. Satvasheel Powar, IIT Mandi	WCE, Sangli	Solar Photovoltaics	6th Feb 2017
11	Mr. Ravikiranulkarni	WCE, Sangli	Financial Management	17-Feb-17
12	Mr. K.V. Madhale	WCE, Sangli	Guest Lecture on "Nano materials and Technology" by Dr. R.R. Sawant, K.N.P. College Walwa, Dist. Sangli.	13-Apr 2017

FDPs/Conference/Workshop Attended by Faculty, Staff:

SN	Name of Event	Details of Event	Name of Faculty	Date of Event
1	Use of ICT in Education for Online and Blended Learning	AICTE approved 4 week faculty development program, IIT Bombay	Mr. K.V. Madhale Mr. B.N. Jamadar Dr. S. D. Ruikar Mr. S K Parchandekar Mr. V. R. Gaikwad Mr. R. G. Mevekari Dr. V. B. Dharmadhikari Mr. S. G. Tamhankar M. B. Shinde S. D. Ruikar Ms. S. U. Patil Prof. P. G. Sonavane Dr. M. M. Khot	2 May to 10 Jul 2016
2	4 week FDP on Use of ICT	Online	Prof. P. G. Sonavane Prof. G. R. Munavalli Prof. K. S. Gumaste	2 May to 10 Jul 2016
3	ICACCC 2016	S.V. College of Enng., Bangalore and SAE College, Ramaanathpuram T.N.	Dr. B.F. Momin	20 to 21 and 25 to 27 May 2016
4	IEEE Conf. on RTEICT	S.V. College of Enng., Bangalore	Mr. A.R. Surve	20 to 21 May 2016
5	Three Days Workshop on "Enhancing Leadership Attitude and Ethics for Supporting Staff"	SP College of Engg., Mumbai	14 Supporting Staff Members from Various Dept. ANNEX 1.17 _2016 -17)	24 to 26 May 2016
6	10th ACM International Conference on Distributed and Event-based Systems (DEBS 2016)	Irvine, CA (California)	Mrs. M.A. Shah	20 to 24 Jun 2016
7	International Conference on Advances in Computing, Communications and Informatics	The LNM Institute of Information Technology, Rupa ki Nangal, Jaipur (Rajasthan)	Mrs. Sharwari S. Solapure (CSE Dept.)	21 Jun to 24 Sep 2016
8	Industrial Training in Thermal Power Plant	Training in Thermal Power Plant at DTPS, Dahanu	Dr. A. P. Vaidya Prof. A.U. Paranjpe Prof. Ajeet Patil & Prof. R.M. Chamanwar	27 Jun - 02 Jul 2016
9	Nonlinear, Adaptive, Optimal, and Embedded Control	IISc Bengaluru	N V Patel	from 18th -23rd July 2016
10	IUCEE Gurukul summit	KLE Technological University, Hubli	Mr. R. M. Chamanwar Dr. G V Parishwad Mr. S K parchandekar	28 to 29 Jul 2016
11	Workshop on Implementation of revised BE environmental Engg. Syllabus	KIT, Kolhapur	Prof. G. R. Munavalli	31-Jul-16
12	Good Shop Floor Practices	M. S. Ramaiha Univ. of Applied Science, Bangalore	Dr. U. A. Dabade	5 to 6 Aug 2016
13	International conference on SWWEM	Bengaluru	Prof. G. R. Munavalli	17 to 19 Aug 2016
14	Exposure to Product Design and Innovation	Training at at IDC, IIT Bombay	Prof. S.S. Mane	25 to 27 Aug 2017
15	Geophysical Investigations for Civil Engineering Water and Power Projects	Central Water and Power Research Station, Pune	Mr. P. K. Deshpande	29 Aug to 2 Sep 2016
16	One Week Training Program on "Management of Technology Innovation	IIM Bangalore	Dr. B.F. Momin	29 Aug to 2 Sep 2016

SN	Name of Event	Details of Event	Name of Faculty	Date of Event
17	One day visit at BVB College of Engg. & Technology, Hubli	BVB College Hubli	Dr. G.V. Parishwad/Dr. D.S. More/Dr. K.H. Inamdhar/Mr. V.R. Gaikwad/Dr. Mrs. S.P. Sonavane/ Dr. Ms. S.H. Bhandari	03-Sep-16
18	India's Leap into Methanol Economy	Workshop at National Institute of Transforming India Aayog, New Delhi	Mr. S. D. Jagtap	06 to 07 Sept 2016
19	Faculty Pedagogical Development Program	International Academy for Competency Enhancement, Bangalore	Mr. P.B. Kulkarni, Mr. H. H. Kulkarni, Mr. R. M. Chamanwar, Mr. S.D. Jagtap Mr. A A. Urunkar Ms A. M. Khot Ms Y. R. Sharma Ms M. B. Shinde	18 to 20 Sep 2016
20	Teaching Methodology	SU Kolapur	Dr. U. A. Dabade	21-Sep-16
21	One day UKIERI Pre Bid Workshop 2016	British Council, Mumbai	Dr. B.F. Momin (CSE Dept.)/ Dr. G.V. Parishwad, Director	23-Sep-16
22	International conference on Advanced Materials, Manufacturing, Management and Thermal Sciences	SIT, Tumkuru	Mr. R. M. Chamanwar	23 to 24 Sep 2016
23	Advanced Verification using System Verilog	Sandeepani School of Embedded System Design, Bengaluru, Padmanabhan K, COREL Technologies, Bangalore	Mr. J. S. Shete	26 to 30 Sep 2016
24	Recent Advances in Composites	Two Days Workshop at Anasaheb Dange College of Engg. And Technology, Ashta.	Mr. Pravin Mane	27 to 28 Sep 2016
25	INDO-AMERICAN EDUCATION SUMMIT 2016 at Mumbai	Organized by INDUS	Mr. A. K. Kokane	28-Sep-16
26	International Conference on Modern Era Research in Mechanical Engineering, MERME16	RIT Sakharale	Dr. S. U. Sapkal	29 to 30 Sep 2016
27	Project Management Workshop	PMI & WCE, Sangli	A.R. Surve	22 Oct 2016
28	Online Webinar to learn as well as learn how to teach "Advanced Artificial Intelligence	Prof. Rao Vemuri, Uni. Of California Davis	Dr. P.J. Kulkarni	4 Oct to 31 Dec 2016
29	ASME 2016 International Mechanical Engineering Congress & Exposition (IMECE 2016)	Phoenix, Arizona, USA	Dr. U. A. Dabade	11 to 20 Nov-16
30	Numerical Relays for Power System Protection	One Day Workshop for PG students at 400 kV RTC, Talandage	Dr. A. P. Vaidya	19th Nov 2016
31	RTDS - OPAL-RT and RT-Labs	2-days workshop on RTDS system	Dr. A. P. Vaidya	19th Nov 2016
32	FDP on Pedagogy, Accreditation, Research & entrepreneurship	Port Blair Andaman & Nicobar Island	Prof. P. G. Sonavane Prof. G. R. Munavalli Prof. K. S. Gumaste	22 to 23 Nov 2016
33	Power Plant Familiarization	Dahanu Thermal Power Station Reliance Ltd	N V Patel Ms. S.D. Kulkarni Dr. A. P. Vaidya	28th Nov to 3rd Dec 2016
34	Advances in Refrigeration and Sustainable Energy	AICTE Sponsored Short Term Training Programme under QIP at College of Engg., Pune.	Dr. B.S. Gawali Prof. Dr. D. V. Ghewade	28 Nov-02 Dec 2016

SN	Name of Event	Details of Event	Name of Faculty	Date of Event
35	Advances in Refrigeration and Sustainable Energy	AICTE Sponsored Short Term Training Programme under QIP at College of Engg., Pune.	Dr. B.S. Gawali Prof. Dr. D. V. Ghewade	28 Nov-02 Dec 2016
36	Introduction to Structural Engineering	IIT Kharagpur	Dr. S. U. Sapkal	30 Nov to 9 Jan 2016
37	One week FDP on Research Opportunity	SIT, Yadrav	Mr. A. K. Mali Mr. A. K. Kokane	1 to 6 Dec 2016
38	Workshop on "Internet of Things"	CSI Pune	Mr. A.R. Surve, Mr. V.N. Honmane	03-Dec-16
39	Advances in fluid Flow Control and Measurement	Four Days workshop at IIT Roor-kee	Mr. Pravin Mane	5 to 9 Dec 2016
40	I.C. Engine- Theory and Practice	Six Days QIP Program short term course at VIIT Pune	Prof. V. B. Swami	5 to 12 Dec 2016
41	Data Analysis for Research and Publications	Two Days workshop at IIT Roor-kee	Mr. A. P. Patil	10 to 12 Dec 2016
42	One day FDP on "High Performance Computing, Machine Learning, Data Mining/Text Mining, Algorithms" at TCS Pune	TCS Pune	Mr .Swapnil Sontake, Mr.S andeep Rathod	12-Dec-16
43	Dislocation Theory on Mechanical Behavior of Materials	Five Days GIAN Course at IIT Hyderabad	Prof. H. H. Kulkarni	12 to 16 Dec 2016
44	Two Week GIAN course on "Advanced Prestressed Concrete Design for Modern Buildings and Bridges"	Indian Institute of Technology Hyderabad.	Dr. S. B. Kadam	12-22 Dec, 2016
45	Advances in Electrical Power System	Power system Advances, WCE Sangli	V P Mohale N V Patel Dr. R. P. Hasabe	14 to 18 Dec 2016
46	Innovations in Engineering and Advances in Electrical Power Systems	TEQIP-II organized by Department of Electrical Engineering, Walchand College of Engineering, Sangli	Ms. S.D. Kulkarni	14th-18th December 2016
47	Brief report on AIMTDR 2016	Mechanical Engg., Dept., College of Engineering, PUNE.	Dr. U. A. Dabade	16 to 18 Dec 2016
48	One day FDP on "New Paradigms in Software Engineering"	Accenture Pune	Ms. A. Terkhedakar Ms. Amruta Khot	16-Dec-16
49	2016 International Conference on Computing, Analytics and Security Trends (CAST)	Attended the Conference	Mrs. H. V. Gandhi	20 to 21 Dec 2016
50	Materials, Manufacturing and Design Engg. 2016 (ICMMD2016)	1st International Conference at Dr .Babasaheb Ambedkar Technological University, Lonere	Dr. S. U. Sapkal	20 to 21 Dec 2016
51	International Conference – Soft Computing: Theory and Applications (SOCTA 2016), Amity University, Jaipur.	Int. Conf, Session Chair	Dr. A.J. Umbarkar	28 to 30 Dec 2016
52	Data Science Workshop	Got to learn Python	Mrs. H. V. Gandhi	2 to 6 Jan 2017
53	Advances in Structural health monitoring, NDT, Audit & strengthening technologies in Civil & Aerospace structures	WCE, Sangli	Mr. A. K. Mali	2 to 7 Jan 2017
54	Advances in Structural health monitoring, NDT, Audit & strengthening technologies in Civil & Aerospace structures	WCE, Sangli	Mr. A. K. Kokane Dr. V. D. Salkar	2 to 7 Jan 2017
55	Bio-Medical Image Analysis.	five days GIAN Course at Indian Institute of Technology, Roor-kee	Dr. M. M. Khot, Mr. A. P. Patil	9 to 13 Jan 2017

SN	Name of Event	Details of Event	Name of Faculty	Date of Event
56	ACM Student digital library member & SIG Mobile Member		Mr. A.R. Surve	2016-2017
57	Advanced Surveying and Geo-Information for Mining and Geospatial Industries	Under Continuing Education Programme at IIT, Kharagpur under TEQIP – II	Prof. P. G. Sonavane	18 to 20-Jan-17
58	i-pro program stressing success	Two Days Workshop organized by DTE & MACCIA at WCE Sangli	Mr. B.N.J amadar	20 th & 21 th Jan 2017
59	3 Days Workshop on "Achieving Performance Excellence through assertive communication"	Nangergaon, Lonavala	Mr.V.Satpute	27 to 29 Jan 2017
60	3 Days workshop on "Harmony at Workplace"	BATU, Lonere	Staff	27 to 29 Jan 2017
61	3 Days workshop on "Developing Effective writing skills and office management"	SPCE Mumbai , BATU Lonere	Staff	27 to 29 Jan 2017
62	Training in COMSOL Multi physics Software	Three Day Training	Dr. D.V. Ghewade	27 to 29 Jan 2017
63	The 2017 International Conference on Applied Mathematics and Computer Science (ICAMCS), Rome, Italy.	IntConf, Session Chair	Dr. A.J. Umbarkar	27 to 29 Jan 2017
64	14th 2017 International Conference on Mathematics and Computer in Biology and Chemistry (MCBC 2017), Rome, Italy on "Protein optimization using EAs"	Lecture	Dr. A.J. Umbarkar	27 to 29 Jan 2017
65	Research techniques and methodology in selected discipline	Workshop by IIT Bombay	S.S. Karvekar Dr. Mrs S. S Deshpande Dr. S.P. Sonavane Mr. N. V. Marathe Mr. B.N. Jamadar	30th Jan to 4 Feb 2017
66	Team Building, Conflict & Stress Management	Five days training program	Dr. B.S. Gawali	06 to 10 Feb 2017
67	Architecting Wireless Sensor Network for Internet Of Things	IIT Khargpur	Mrs M. R. Khare Ms. A. N. Untwale Dr. S.P. Sonavane Mr. S. G. Tamhankar	18 to 23 Feb 2017
68	HVDC systems for Bulk power Transmission and Grid integration of Renewable Energy Sources	IIT Roorkee	Dr. R. P. Hasabe	22 Feb to 03 Mar 2017
69	Innovation in Teaching	IIT, Bombay	Mr. S. R. Khedkar Mr. S. G.Nikhade	23 to 27 Jan 2017
70	Mathematics Fundamentals for Engineering Teachers	IIT, Bombay	Mr. Y. B. Mane Dr. Mrs.A. A Agashe Mr. R. G. Mevekari Dr. V. D. Salkar Mr. S. R. Khedkar Mr. S. G Nikhade Mr. S. K. Parchandekar Dr. S. D. Ruikar Dr. S. U. Sapkal N V Patel Dr.A.J.Umbarkar Mr. V. R. Gaikwad Dr. B. G. Patil Mr. B.N.Jamadar	23 to 25 Feb And 10 to 11 Mar 2017

SN	Name of Event	Details of Event	Name of Faculty	Date of Event
70	Conference on Numerical Modelling on Geomechanics	IIT,Roorkee	Mr. A. K. Kokane	3 to 4 Mar 2017
71	Workshop on Innovations	NAFEMS at Port Blair, Adaman	Dr. Mrs S. S Deshpande Dr. S P Sonavane Dr. K. H. Inamdar & Dr. M. M. Khot,	9 to 11 Mar 2017
72	National Conference on Mechanical Engineering in Next Decade (NC-MEND2017)	Conference organized by Government College of Engineering, Karad	Dr. U. A. Dabade	10 Mar 2017
73	Emerging Trends in Engineering, Technology and Architecture (iCETETA-17)	Conference organized by Dr. D.Y. Patil College of Engineering and Technology, Kolhapur	Dr. U. A. Dabade	11 Mar 2017
74	International Conference on Emerging Trends in Engineering Technology and Architecture (iCETETA 2017)	D.Y. Patil College of Engineering and Technology, Kolhapur	Mr. A.R. Surve	11-Mar-17
75	CEP short course on "Innovations Entrepreneurship an Incubators"	IIT Bombay	Dr. B.F. Momin	13 to 17 Mar 2017
76	Advanced Multivariable Control	IIT Bombay organized at WCE Sangli	N V Patel	19th & 24th – 26th Mar2017
77	International conference on Communications, Electrical, Electronics and Computer Engineering (ICEEC2017)	Pune	Mr A.R. Surve,Mr. Mukesh Rathod	20-Mar-17
78	3rd RIT PG Conference-2017	Organised by Rajarambapu Institute of Technology, Islampur.	Dr. M. M. Khot	25-Mar-17
79	Visit to ETP of Effitura Monti-India Ltd. Kolhapur	Kolhapur	Prof. G. R. Munavalli	30-Mar-17
80	Visit to STP Ichalkaranji	Ichalkaranji	Prof. G. R. Munavalli	30-Mar-17
81	Visit to STP Kolhapur	Kolhapur	Prof. G. R. Munavalli	30-Mar-17
82	Smart grids and Internet of Things	Organized by the Department of Electrical and Electronics Engineering, Gogte Institute of Technology, Belgaum	Ms. S.D. Kulkarni	12th May, 2017
83	SAE-INDIA Efficycle-2017	Participated in competition in Chandighrah	Prof. A.U.Paranjpe and 10 B.Tech Mech and Electrical Students	18-May-17
84	Stochastic Modelling and Optimal Control of Engineering Systems	QIP STTP at IIT Roorkee	Dr. R R Rathod	22-May-17
85	Stochastic Modeling and optimal control of engineering system	IIT Roorkee	Dr.A.J.Umbarkar	22 to 26 May 2017
86	Bus and Truck Body Building clarification	Two days' Workshop organised by Govt. of India Ministry of Road Transport and Highways, New Delhi	Dr. U. A. Dabade	24 to 25 May 2017
87	Two week ISTE STTP on Electric Power Systems	Conducted by IIT Kharagpur	Aditi Sushil Karvekar S.S. Karvekar S. S Vanmane	12th june to 15th july 2017

Guest Lecture Delivered by faculty

SN	Name of Faculty	Place	Subject	Date of Lecture
1	Prof. P. G. Sonavane	VIIT, Pune	One week STTP on "Environmental Pollution & Remediation	6 to 11 Mar 2016
2	N V Patel	Government Engineering College Karad	MATLAB & SIMULINK: Learning By Doing	8th June 2016
3	Dr. B.S. Gawali	BATU Lonere, Raigad	Cryogenics Systems" For M. Tech Students	02-Jul-16
4	Mr. A. U. Paranjpe	Sanjay Ghodawat Polytechnic, Atigre	Suspension System Of An Automobile	28-Jul-16
5	Prof. G. R. Munavalli	KIT, Kolhapur	Implementation of Final year B. E. (Environmental Engg.) syllabus	31-Jul-16
6	Dr. A. P. Vaidya	WCE, Sangli (SY Diploma)	Thermal Power Station Basics - DTPS, Dahanu	Jul-16
7	Prof. G. R. Munavalli	SGGS Nanded	Career guidance	02-Aug-16
8	Dr. B.S. Gawali	Orchid College of Engineering, Solapur	Recent Trends in Cryogenics	06-Aug-16
9	Dr. B.S. Gawali	A. G. Patil Institute of Technology, Solapur	Cryogenics And its Applications	14-Aug-16
10	Dr. B.S. Gawali	V. V. P. Institute of Engg. And Technology, Solapur	Refrigeration and Air Conditioning On Cryogenics	16-Aug-16
11	Dr. A. P. Vaidya	WCE, Sangli (TY Diploma)	Microcontroller Based Relays	Aug-16
12	Mr. A. K. Kokane	SBGI, Miraj	Resource person in two days workshop on Civil Engineering	26 to 27 Aug 2016
13	Dr. Uday A. Dabade	GEC, Goa	Manufacturing Process	17-Sep-16
14	Y.R. Sharma	JJM, Jaysingpur	Cloud Computing and Virtualization	22-Sep-16
15	Mr. A. K. Mali	PWD Vishrambag	Resource Person for Training workshop	26 to 30 Sep 2016
16	Prof. K. S. Gumaste	PVPIT, Budhgaon	Expert Lecture on Earthquake Resistant Design of masonry Structures	30-Sep-16
17	Prof. G. R. Munavalli	PVPIT, Budhgaon	Expert lecture on Analysis of Water distribution system using software	30-Sep-16
18	Dr. S.P. Chavan	VP's Kamalnayan Bajaj Institute of Engg. and Tech. Baramati	Noise and Vibration Monitoring	03-Oct-16
19	Dr. V. D. Salkar	PVPIT, Budhgaon	Expert lecture on Valuation of real properties	07-Oct-16
20	Mr. S. S. Bapat	CoE, Pandharpur	Expert lecture on Geotechnical Engineering -I	14-Oct-16
21	Mr. A. K. Kokane	SIT, Yadrav	Experts Talk	07-Dec-16
22	Dr. Uday A. Dabade	Sharad Institute of Technology, Yadrao, Ichalkaranji	Outcome Based Education and Funding Agencies and Research Proposal Preparation,	07-Dec-16
23	Dr. Uday A. Dabade	DACOE Karad	DoE and Research proposal writing and funding agencies	08-Dec-16
24	Prof. G. R. Munavalli	SIT, Yadrav	Preparation for NBA	10-Dec-16
25	Dr. S. N. Tande	PVPIT, Budhagaon	Advanced Structural Analysis and Design	19th – 23rd Dec, 2016
26	Mr. P. K. Deshpande	Mahila Mahavidyalaya, Karad	GIS and Remote Sensing	17-Jan-17
27	Prof. S. N. Tande	WCE, Sangli	Advances in Structural Health Monitoring, NDT, Audit and Strengthening technologies in Civil, Aerospace structures	2nd – 7th Jan, 2017.
28	Dr. A.J. Umbarkar	SVERI COE Pandarpur	Expert Lecture: FOSS	12-Feb-17
29	Y.R. Sharma	SVERI, Pandharpur	Cloud Computing and Virtualization	14-Feb-17

Guest Lecture Delivered by faculty

SN	Name of Faculty	Place	Subject	Date of Lecture
1	Dr. A.J. Umbarkar	Italy	14th 2017 International Conference on Mathematics and Computer in Biology and Chemistry (MCBC 2017), Rome, Italy on "Protein optimization using EAs"	27 to 29 Jan 2017
2	Dr. V. D. Salkar	Institute of Technology, Palus	Strategic Communication	18-Feb-17
3	Mr. B.N. Jamadar	Guruvarya Dadoji Konddev Sainiki Shala, Tasgaon Dist. Sangli	Semiconductor Physics	20 th Feb 2017
4	Prof. G. R. Munavalli	VIIT, Pune	Advances in wastewater treatment	09-Mar-17
5	Dr. V. B. Dharmadhikari	SSPM Engineering, Sindhudurga	Micro controller and Embedded Programming	23-Mar-17
6	Dr. S. U. Sapkal	FABTECH College of Engineering & Research, Sangola	Statistical Process Control	26-Mar-17
7	Dr. Uday A. Dabade	KIT Kolhapur	Research proposal writing and funding agencies	01-Apr-17
8	Dr. Uday A. Dabade	TKIET, Warananagar	Research proposal writing and funding agencies	01-May-17
9	Dr. Mrs. S. Subbaraman	DKTE Textile Institute, Ichalkaranji	Advance Signal, Image and Video Processing on FPGA"-CORDIC Processor	26 to 30 June 2017



Workshop on Recent Trends in Manufacturing Technology 07th & 08th October 2016



Mechanical Department Faculty Visited Emerson Climate Technology, Atit, Satara on 27th August 2016



EDC workshop on 4-5 march 2017 organized by Mechanical Engg. Dept.



International Conference on 'Recent Advances in Civil and Environmental Engineering (RACEE-2017'
Chief Guests: Shri Ravindra Khebudkar, Commissioner, Sangli; DR. Deelip Malkhede, Dy. Director, AICTE.
Resource Persons: Mr Thijs Edelkoort, Mr. Valentin Post, from The Netherlands



Workshop on Mind and Brain gym organized by IT department on 18th March 2017



Workshop on Financial Management organized by IT Department during on 15th Feb. 2017



RTMT Workshop 7th and 8th Oct 2016

IR Sensor Robotic Workshop on 17th and 18th March 2017

4.2 Admissions (Diversity) Details and Students Exchange of AY 2016-17:

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 2016-17

SN	Name of the student	Class/Br.	Period
1	Paranjpe Pranali Vijay	Electronics	One Semester
2	Shah Rutuja Deepak	Electronics	One Semester
3	Kale Kushal Subhash	IT	One Semester
4	Gaidhani Rushikesh Raosaheb	IT	One Semester
5	Kulkarni Aishwarya Anil	Electronics	One Semester

NRI Admissions: started from last 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 2016-17.

Following Students have taken Admission at WCE, Sangli through NRI Quota of Seats 2016-17.

Sr. No.	Student Name	Branch	Seat Type
1	Gujrathi Meet Tushar	CSE	CIWGC
2	Cherian Joel Godwin	CSE	CIWGC
3	Naukarkar Rigved Pravin	CSE	NRI
4	Kabure Samyak Sukumar	CSE	NRI
5	Patil shubhankar Shankar	Electronics	CIWGC
6	Shaikh Juned	Mechanical	CIWGC
7	Chavan Nayan Narayan	Mechanical	CIWGC
8	Vinchurkar Aditya Shrikant	Mechanical	CIWGC

4.3 Percentage of Economically and Socially Disadvantaged Students:

Number of Students having Economically Backward Concessions

	FY	SY	TY	Final	Total
Degree	56	71	81	81	289
Diploma	52	51	57	—	160

Number of Students from Reservation Categories

Admission Data Category wise and Branch wise : B. Tech. 2016-17																					
Admission Category	OPEN		OBC		SBC		SC		ST		NT1		NT2		NT3		VJ		Branch Wise TOTAL		TOTAL
	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	90	45	46	17	3	2	27	12	9	7	5	3	8	3	3	1	6	3	197	93	290
MECH	103	35	44	15	7	4	21	9	10	1	4	2	7	7	5	1	5	3	206	77	283
ELECT	79	39	47	17	7	4	24	12	15	6	4	2	12	6	2	2	7	2	197	90	287
ELN	75	57	38	23	10	4	20	11	10	6	4	0	5	6	4	5	4	4	170	116	286
CSE	140	82	56	29	6	7	26	22	14	6	6	2	14	6	3	3	9	3	274	160	434
IT	73	59	38	21	6	4	20	14	12	1	5	3	7	6	4	3	4	4	169	115	284
Institute Level Total	560	317	269	122	39	25	138	80	70	27	28	12	53	34	21	15	35	19	1231	651	1864
	877		391		64		218		97		40		87		36		54		1864		

Admission Data Category wise and Branch wise : M. Tech Year 2016-17																					
Admission Category	OPEN		OBC		SBC		SC		ST		NT1		NT2		NT3		VJ		Branch Wise TOTAL		TOTAL
	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)	10	7	6	4	2	1	1	2	0	0	1	0	1	0	0	0	1	0	22	14	36
CIVIL (STR)	25	5	10	2	1	0	9	0	1	0	2	0	3	0	1	0	1	0	53	7	60
MECH (HP)	17	0	9	1	1	0	2	1	0	0	1	0	1	0	2	0	1	0	34	2	36
MECH (PR)	27	2	14	1	0	0	7	0	0	0	0	0	1	1	5	0	1	0	55	4	59
MECH (DSG)	30	5	10	1	2	0	6	1	2	0	0	0	1	0	0	0	2	0	53	7	60
ELECT (PS)	9	3	7	2	0	0	2	3	0	0	2	0	0	0	1	1	0	0	21	9	30
ELECT (CS)	12	4	4	4	0	0	3	1	0	0	0	0	0	2	0	0	1	0	20	11	31
ELN	14	12	10	8	0	0	4	6	0	0	0	0	1	0	1	0	1	2	31	28	59
CSE	18	8	9	8	2	0	4	1	0	0	0	0	3	3	0	1	2	1	38	22	60
CSE (IT)	9	7	3	2	0	1	5	1	0	0	1	0	0	2	1	0	0	0	19	13	32
Institute Level Total	171	53	82	33	8	2	43	16	3	0	7	0	11	8	11	2	10	3	346	117	463
	224		115		10		59		3		7		19		13		13		463		

4.4 Interaction with outside world

Industrial Visits:

SN	Place of Industrial Visit	Coordinator of Industrial Visit	Total Participants	Date of Visit
1	Gear Tech Engineering Kupwad, Di-mech Industries, Kupwad, Excellent Engineering Kupwad	Mr. J. M Dabir	75	02-Apr-16
2	Shri Dattatray Industries, Mahabal Auto Ancillaries, Miraj,	Mr. J. M Dabir	75	03-Apr-16
3	Thermax, Pune	Dr. M. M. Khot	45	20-Apr-16
4	HPCL Depo. At Bhilwadi, Dist. Sangli	Prof. R. P. Chumble	30	17-May-16
5	DRDO Pune & NCL Pune	Dr.N.K.Sane	1	26 to 27 Jun 2016
6	Forbes Marshall Co. Pune	Dr.N.K.Sane	1	28-Jun-16
7	NCL Innovation Centre, Pune	Dr.N.K.Sane	1	13 to 16 Jul 2016
8	NCL Innovation Centre, Pune	Dr.N.K.Sane	1	04-Aug-16
9	Emerson Climate Technologies Limited, Atit Pali road, Atit.	Prof. J. M. Dabir Mr. Harshal Kulkarni	12	27-Aug-16
10	Krishna Koyana Lift Irrigation Project	A. K. Kokane	80	04-Oct-16
11	Sweet Confectionery Pvt Ltd	E W Kulkarni	25	17-Oct-16
12	Chitale Dairy, Bhilwadi	Dr. B.S. Gawali	90	17-Oct-16
13	Bashko Engineering Works Kupwad MIDC	Dr. U.A. Dabade	30	23-Oct-16
14	Sangli Aluminium Extrusion, Kupwad MIDC	Dr. U.A. Dabade	30	23-Oct-16
15	Samruddhi Plastics, Kupwad	Mr. J. M Dabir	72	04-Nov-16
16	Bharat rolling Mills, Madhavnagar MIDC	Dr. U.A. Dabade	30	05-Nov-16
17	Bharat Re-Rolling Steel, Industrial Estate, Sangli For students of M.Tech (Production)	Dr. U.A. Dabade	30	05-Nov-16
18	Chintamani Motors Pvt. Ltd. ,Sangli	Dr. U.A. Dabade	30	21-Nov-16
19	TCS Pune	TCS Company	1	02-Jan-17
20	Emer, Via Bormioli, Itlay	Dr.A.J.Umbarkar	1	27 to 29 Jan 2017
21	IMTEX 2017, Bangalore	Dr. U.A. Dabade	28	28-Jan-17
22	BEML, HAL, and Visvesvaraya Industrial & Technological Museum Bangalore	Dr. U.A. Dabade	28	29-Jan-17
23	Sarvoday Sugar Factory, Karandwadi	Dr. S.P. Chavan	30	18-Feb-17
24	Precision Camshaft Ltd, Solapur,	Mr. P. B. Chougale	27	11-Mar-17
25	Precast Foundry, Solapur	Mr. P. B. Chougale	75	11 Mar 2017
26	Krishna Koyana Lift Irrigation Scheme, Mhaisal	Dr. B.S. Gawali, Prof. D. V. Ghewade	70	22-Mar-17

SN	Place of Industrial Visit	Coordinator of Industrial Visit	Total Participants	Date of Visit
27	DRDO Hyderabad, BSNLRITC, Hydrabad, Kwality Photonics Pvt Ltd, Cybermotion Pvt Ltd,	Dr. B. G. Patil, Dr. S. N. Kore	51	24 to 30 Mar 2017
28	Visit of STP Ichalkaranji	Prof. G. R. Munavalli	32	30-Mar-17
29	Visit to STP Kolhapur	Prof. G. R. Munavalli	32	30-Mar-17
30	Visit to ETP, Kagal	Prof. G. R. Munavalli	32	30-Mar-17



Industrial Visit to Sweet Confectioneries, The Industrial visit was held on Monday, 17 Oct 2016 for the FY M.Tech (IT) students



T. Y B. Tech. (Mechanical Engineering) students visited Thermax Ltd, Pune on 20th April 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 2016-17 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 Phase I 2016-17				
Sr. No.	Name of the industries involved in TIFAC scheme	Name of The Project	Name of the Students	Branch
1	Sharada Electronics and Co., MIDC Kupwad	Active Power Filter using DFT Algorithm	Patkure Aishwarya	Electrical
			Banajwade Vaibhav	Electrical
2	Sharada Electronics and Co., MIDC Kupwad	Central Control unit for irrigation system using IoT	Magdum Amruta	Electrical
			Patil Kiran	Electrical
3	Technofine Equipment, Haripur, Sangli	MPPT Based Grid Tied/Stand-alone solar Inverter	Neji Priya	Electrical
			Pawar Shubhangi	Electrical
4	Technofine Equipment, Haripur, Sangli	Modular Automation Control System	Davari Devdatta	Electronics
			Waghmare Shailesh	Electronics
5	Hem Electronics, MIDC Kupwad	Grid Connected Photo Voltaic System	Sharma Sukanya	Electrical
			Todkar Pooja	Electrical

Details of Industry and Students Involved in TIFAC Scheme Phase I 2016-17				
Sr. No.	Name of the industries involved in TIFAC scheme	Name of The Project	Name of the Students	Branch
6	P.G. Tamhankar Consultancy, Sangli	Structural health monitoring and rehabilitation of old masonry bridges	Patil Kiran	Civil
			Patil Namrata	Civil
7	N.S. Bane Consultancy, Sangli	Development of an app for diagnosis of building	Tamboli Ayesha	Civil
			Bhosale Ashwini	Civil
8	Shreenivas Enterprise, Sangli	Dry Sanitary System	Baradia Safal	Civil
			Shelar Manohar	Civil
9	Prasaditi Medical Equipment, Kupwad MIDC	Coordination Dynamic Therapy Machine (Electronics Hardware)	Darade Ravikiran	Mechanical
			Kadam Sarang	Electronics
10	Prasaditi Medical Equipment, Kupwad MIDC	Coordination Dynamic Therapy Machine (Mechanical Hardware)	Dere Nishigandha	Mechanical
			Gorad Manisha	Mechanical
11	Trimurti Industries Ltd, Sangli	temperature monitoring system (Smart ladle system)	Rajeshirke Prathamesh	Mechanical
			Raut Akshay	Mechanical
			Patil Yash	Mechanical
12	System And Control P Ltd, Sangli	Air drop system(Atmospheric water Generator)	Gude Rohidas	Mechanical
			Khapre Suraj	Mechanical
13	Utkarsh Fabrimach, MIDC Kupwad	Multipurpose CNC Machine	Reddy Kirankumar	Electronics
			Solage Saraswati	Electronics
14	Dual Tech, Sangli	ECG Monitoring and Fault Analysis	Mali Ashwini	Electronics
			Chougule Tejashree	Electronics



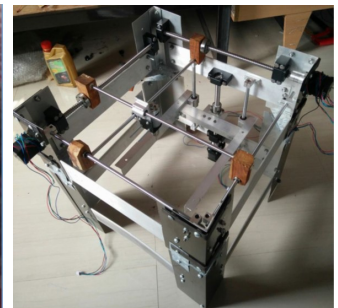
Following projects were selected for presentation



Retrofitting of Old Stone Masonry bridges



Temperature monitoring system



Multipurpose CNC Machine

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:

Academic

1. DKTE's , Textile & Engineering Institute, Ichalkaranji (26.12.2012)
2. SGGS, Nanded (14.01.2013)
3. VeermataJijabai Technological Institute (VJTI), Mumbai (16.08.2012)
4. Govt. College of Engineering (GCOE) , Amravati (08.07.2013)
5. College of Engineering, Pune (31.07.2014)
6. Goethe Institute, Germany (24.06.2014)
7. Dr.Jivraj Mehta Institute of Technology, Anand (Gujarat) (24.09.2014)
8. Indian Institute of technology, Bombay (10.09.2014)
9. Dr. J JMagdum College of Engineering, Jaysingpur (10.11.2014)
10. Sardar Patel College of Engineering, Mumabi (11.12.2014)
11. National Institute of Technology, Silchar, Assam (29/12/2014)
12. Dr.BabasahebAmbedkar Technological University, Lonere (20.12.2014)
13. BharatiVidyapeeth Deemed University, Medical College & Hospital, Sangli (01.01.2016)
14. Dr. J.J. MAgdum College of Engg., Jaysingpure

Industry:

1. Maharashtra Pollution Control Board, Mumbai (05.06.2011)
2. Mahindra Engineering Services, Pune (25.03.2011)
3. Siddhivinayak Estate, Sangli (01.07.2011)
4. Cranes software International Ltd., Bangalore (13.01.2012)
5. Tata Consultancy Services Ltd., Pune (01.06.2012)
6. Vitthal Patil Polytechnic, Sangli (03.11.2012)
7. SonhiraSahakariSakharKarkhanaLtd.Sangli (25.11.2012)
8. NVIDIA, Pune (07.11..2012)
9. Agile Developer Inc., USA (11.04.2014)
10. SSC NASSCOM (12.03.2014)
11. Sakal India Foundation, Pune (17.06.2014)
12. Sandriver Technologies Pvt. Ltd., Pune (10.07.2014)
13. John Deere India Private Ltd. Pune (24.12.2014)
14. Mentor Graphics (Applied Micro Circuits India Pvt.Ltd) (30.12.2014)
15. Danfoss Industries Pvt. Ltd., Chennai (24.03.2015)
16. ARE Test System, Miraj (21.07.2014)
17. Omega Consultancy (OC), Kolhapur (01.06.2014)
18. Sharda Electronics & Co., Sangli(05.08.2015)
19. Sify Technologies (04.07.2015)
20. Sukruti Smart Links, Sangli
21. Reliance Infrastructure Ltd., Dahanu

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.

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.

Number of Students Placed for Internship 2016-17

Sr.No	Name of Student	Branch	Company	Stipend
1	Ajinkya Pathak	CSE	Agrostar	20000
2	Manjusha Ashok Pednekar	CSE	Agrostar	20000
3	Shubham Patil	Mech	Ansys	15000
4	Akshay Deshmukh	CSE	Eaton	10,000
5	Sujata Regoti	IT	Eaton	10,000
6	Rushikesh Gaidhani	IT	Eaton	10,000
7	Shubham Pagarwar	CSE	Eaton	10,000
8	Snehal Bhosale	CSE	Eaton	10,000
9	Shital Gaikwad	IT	Eaton	10,000
10	Manish Nikam	IT	Idyallic	10000
11	Mrunal Selokar	CSE	Idyallic	10000
12	Kartik Satoskar	IT	Idyallic	10000
13	Sagar Tade	IT	IIT Bombay	NO
14	Sagar Narale	Electrical	IIT Kanpur	8000
15	Purushottam Anilrao Bangale	CSE	INFOSYS	10,000
16	Ankita Vishwas Patil	CSE	INFOSYS	10,000
17	Sagar Pandurang Kale	CSE	INFOSYS	10,000
18	Shivprasad Madhavrao Jamdade	CSE	INFOSYS	10,000
19	Shivani Shridhar Sharma	CSE	INFOSYS	10,000
20	Arshiya Ziyullah pathan	CSE	INFOSYS	10,000
21	Samruddhi Shailesh Kanhere	IT	INFOSYS	10,000
22	Pradnya Vijay Gosavi	IT	INFOSYS	10,000
23	Aishwarya Raju Wagaskar	IT	INFOSYS	10,000
24	Mahendra Ramchandra Mane	IT	INFOSYS	10,000
25	Akshay Kakde	IT	Josh	10000
26	Payal Bhalerao	CSE	Josh	10000
27	Kiran Deshmukh	CSE	Josh	10000
28	Tejaswini Gambhire	CSE	Josh	10000
29	Ajinath Govind Idhate	CSE	Kyazoonga	15000
30	Pratik Pandurang Sakhare	CSE	Kyazoonga	15000
31	Dipika Nandkishor Kharat	IT	Kyazoonga	15000
32	Avinash Pundlik Lakhmawad	IT	Kyazoonga	15000
33	Sanjiv Tanaji Chavan	IT	Kyazoonga	15000
34	Sushma Madhavrao Bharde	IT	Kyazoonga	15000
35	Aditya Pramod Gadgil	Electronics	Linked Loops	NO
36	Akshay Madhukar Kulkarni	Electronics	Linked Loops	NO
37	Pavan Keshavrao Chopade	Electronics	Linked Loops	NO
38	Devdatta Ravindra Davari	Electronics	Linked Loops	NO
39	/Pradnya Babasaheb Ingavale	Electronics	Linked Loops	NO
40	Priya Neji	Electrical	Relyon Solar	10000
41	kushal kale	IT	Risemetric	5000
42	Pooja todkar	Electrical	Secure Meter	15000
43	Niranjan Agnihotri	CSE	Symentec	25000
44	Amit Anvekar	CSE	Symentec	25000
45	Sameer Zilpilwar	CSE	Symentec	25000
46	Vikas Deshmukh	CSE	Symentec	25000

Sr.No	Name of Student	Branch	Company	Stipend
47	Sarang Tayde	CSE	Symentec	25000
48	Manisha Sanap	CSE	Symentec	25000
49	Vaibhav Kankal	IT	Symentec	25000
50	Sourabh Thawari	CSE	TCS	15000
51	Vishal Talekar	CSE	TCS	15000
52	Sukanya Vadepalli	IT	TCS(TRDC)	10000
53	Akshay Kamble	CSE	TCS(TRDC)	10000
54	Rajat Varyani	IT	Thoughtworks	20000
55	Ashok Pathrudkar	CSE	Thoughtworks	20000
56	Vinay Mahamuni	CSE	Thoughtworks	20000
57	Avhirup Asim Chakraborty	CSE	caterpillar	12000
58	Akshay Gaikwad	CSE	Veritas	25000
59	Aniket Pandurang Ghanawat	CSE	Veritas	25000
60	Aparna Guruling Dhamgunde	CSE	Veritas	25000
61	Dnyanesh Anil Kolapkar	IT	Veritas	25000
62	Gopal Pawar	IT	Veritas	25000
63	Mahesh Shivaji Bhosale	IT	Veritas	25000
64	MAYUR KUMBHAR	CSE	Veritas	25000
65	mukul damu chakane	IT	Veritas	25000
66	Namrata Tirthkar	CSE	Veritas	25000
67	Padmaja Huddar	CSE	Veritas	25000
68	Piyush kailash chaudhari	CSE	Veritas	25000
69	Pooja Ambadas Mhanta	IT	Veritas	25000
70	Pradnya Vishnu Patil	CSE	Veritas	25000
71	Prasad Prakash Sakhare	CSE	Veritas	25000
72	Pratiksha Sunilrao Parsewar	CSE	Veritas	25000
73	Preeti Tanaji Mane	CSE	Veritas	25000
74	Priti Manish Danawale	CSE	Veritas	25000
75	Priyanka Govind Kadam	CSE	Veritas	25000
76	Rutuja Kesharwani	CSE	Veritas	25000
77	Rutuja Rajabhau Pawar	IT	Veritas	25000
78	Shivam Sanjayrao Dhanadhya	CSE	Veritas	25000
79	Shubham Randive	CSE	Veritas	25000
80	Somesh hemant Mahule	CSE	Veritas	25000
81	suraj ajinath bobade	CSE	Veritas	25000
82	swapnil walke	CSE	Veritas	25000
83	Vibha Vasant Rao Hadule	IT	Veritas	25000
84	Sujata Nalawade	CSE	vyomLab	17000
85	Shubham Agarwal	IT	vyomLab	17000
86	Aruna Pawar	IT	vyomLab	17000
87	Amreen Shaikh	IT	Wruth IT	18000

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.

Sr.No	Name	Branch	Company Name	Stipend
1	Pooja Radheshyam Patil	CSE	TCS	Nil
2	Vishal Vitthal Mane	CSE	TCS	Nil
3	Gaurav Ravindra Shete	CSE	TCS	Nil
4	Mahesh Sunil Sankpal	CSE	Siemens	30000/-
5	Ajit Mohan Pawar	CSE	Zycus	15000/-

Sr.No	Name	Branch	Company Name	Stipend
6	Sumant Satish Kulkarni	CSE	Zycus	15000/-
7	Sindhu Vajinath Bawage	CSE	Agrostar	20000/-
8	Mayuri Maruti Ejgar	CSE	Dataglen	8000/-
9	Upendra Eknath Tandale	CSE	Dataglen	8000/-
10	Rizwanahmed Babaso Mujawar	IT	CDAC,Banglore	Nil
11	Bhushan Shankar Sadvelkar	IT	Agrostar	20000/-
12	Sachin Hanmantrao Shinde	IT	Indian Institute of tropical Meteorology,Pune	Nil
13	Rohit Gopalrao Patil	IT	Seagate	30000/-
14	Saurabh Vilas Lawange	IT	DRDO,Delhi	Nil
15	Santosh Prakash Lokhande	IT	DRDO,Delhi	Nil
16	Shivani Samadhan Gawande	IT	TCS	Nil
17	Priyanka Sonawane	Electronics	Sameer (IIT,Bombay)	Nil
18	Kishori Patil	Electronics	Sameer (IIT,Bombay)	Nil
19	Saurabh Bhat	Electronics	Sameer (IIT,Bombay)	Nil
20	Ganesh Kudale	Electronics	Sameer (IIT,Bombay)	Nil
21	Jyotsna Telgote	Electronics	Sameer (IIT,Bombay)	Nil
22	Shital Sawant	Electronics	Sameer (IIT,Bombay)	Nil
23	Pradyna Talwaldekar	Electronics	Sameer (IIT,Bombay)	Nil
24	Someshwar khade	Electronics	TCS	Nil
25	Sheetal Pawar	Electronics	TCS	Nil
26	Gauri Mahajan	Electronics	TCS	Nil
27	Santosh Kumbhar	Electronics	TCS	Nil
28	Sachin Patil	Electronics	TCS	Nil
29	Pallavi Jadhav	Electronics	TCS	Nil
30	Ashwini Patil	Electronics	Siemens	30000/-
31	Deshbhushan Patil	Electronics	John Deere	30000/-
32	Sandeep Ghuge	Electronics	SMMS (Metal Detection)	7000/-
33	Balraj Parab	Electronics	eInfochips	Nil
34	DIGVIJAY ANIL DESHINGE	Design	DRDO, Pune	Nil
35	SAURABH BHAUSAHEB NAIKWADE	Design	GEM, Pune(Mahindra)	Nil
36	SHAILJA DILIP PATIL	Design	Cummins India, Pune	12000/-
37	SAGAR ANANDA MANDAVE	Design	John Deere	30000/-
38	ARPITA SHANTARAM TAMBE	Design	Cummins India, Pune	12000/-
39	AJINKYA BABASAHEB JADHAV	Design	Thermax	5000/-
40	KETAN RAJENDRA KAPSE	Design	Thermax	5000/-
41	PRATEEK DINKARRAO GARUD	Design	Gudel India Pvt. Ltd, Pune	Nil
42	JAYANT DATTATRAY PAWAR	Design	ARE Test Centre, Sangli	Nil
43	SUMIT JAGANNATH KANASE	Design	ARE Test Centre, Sangli	Nil
44	SANDEEP RAOSAHEB GODASE	Design	ARE Test Centre, Sangli	Nil
45	MALHARI MOHAN CHAVAN	Design	Digvijay Industries, Sangli	Nil
46	RUTURAJ RADHAKRISHNA TRIVEDI	Design	Mahabal, Sangli	Nil
47	VIJAY KANTILAL CHAUDHARI	Design	Excellent, Sangli	Nil
48	SURAJ UDDHAV NAVAGIRE	Design	Excellent, Sangli	Nil
49	AMOL SHASHIKANT LOKARE	Design	Ratnanath Industries,Sangli	Nil
50	Sajid Mahammediqubal Nanadi	Production	General Motors Pvt. Ltd.	Nil
51	TEJAS SANJAY KOLTE	Production	General Motors Pvt. Ltd.	Nil
52	Amol Bhusaheb Sonawane	Production	General Motors Pvt. Ltd.	Nil
53	Sandeep Prakash Chougule	Production	Renata Precision Components, Pvt. Ltd, Bhosari	Nil
54	YOGESH VASANT SAVALE	Production	Tata Motors, Pune	Nil
55	AKSHAY BALASAHEB MALIKPETHKAR	Production	Sanjeev Auto Parts Manufacturers Pvt. Ltd.	Nil

Sr.No	Name	Branch	Company Name	Stipend
56	Satyajeet Sadashiv Swami	Production	Taysons Industries Pvt. Ltd, Miraj	Nil
57	RAHUL MAHADEV RAUT	Production	Samruddhi Industries Ltd., Sangli	Nil
58	Vikas Pandurang Salunkhe	Production	Accurate India Pvt. Ltd., Pune	Nil
59	DEVASHRI DEEPAK THAKRE	Production	Cummins India, Pitampur(MP)	Nil
60	Sagar Kashinath Kodle	Production	Eaton, Ahemadnagar	15000/-
61	Avinash Narhari Kendre	Production	Taysons Industries Pvt. Ltd, Miraj	Nil
62	AMIT SHIPURE	Thermal	KIRLOSKAR CHILLERS, PUNE	Nil
63	AMOL MALUNJKAR	Thermal	JOHN DEERE, PUNE	30000/-
64	VIKRANT PATIL	Thermal	BRIDGESTONE, AURANGABAD	Nil
65	NEHA PATIL	Thermal	THERMAX, PUNE	5000/-
66	VISHAL JADHAV	Thermal	THERMAX, PUNE	5000/-
67	ONKAR JOSHI	Thermal	TATA MOTERS, PUNE	Nil
68	YOGESH CHAVAN	Thermal	BARC, MUMBAI	Nil
69	KISHOR SURVE	Thermal	EBARA	Nil
70	SURAJ KAMBLE	Thermal	BARC, MUMBAI	Nil
71	SUMEET SALUNKHE	Thermal	FORBS MARSHEEL ,PUNE	Nil
72	GANESH JADHAV	Thermal	NCL ,PUNE	Nil
73	GANESH KOLAPKAR	Thermal	TATA MOTERS, PUNE	Nil

UG Internship Details								
SN	Comapany	Civil	Mech	Electrical	Electronics	CSE	IT	Total
1	Agrostar					2		2
2	Ansys		1					1
3	Eaton					3	3	6
4	Idyallic					1	2	3
5	IIT Bombay						1	1
6	IIT Kanpur			1				1
7	INFOSYS					6	4	10
8	Josh					3	1	4
9	Kyazoonga					2	4	6
10	Linked Loops				5			5
11	Relyon Solar			1				1
12	Risemetric						1	1
13	Secure Meter			1				1
14	Symentec					6	1	7
15	TCS					2		2
16	TCS(TRDC)					1	1	2
17	Thoughtworks					2	1	3
18	caterpillar					1		1
19	Veritas					19	7	26
20	vyomLab					1	2	3
21	Wruth IT						1	1
	Total	0	1	3	5	49	29	87

PG Internship Details								
SN	Comapany	CSE	IT	Electronics	Production	Thermal	Design	Total
1	TCS	3	1	6				10
2	Siemens	1						1
3	Zycus	2						2
4	Agrostar	1	1					2
5	Dataglen	2						2
6	CDAC, Bangalore		1					1
7	IITM, Pune		1					1

PG Internship Details								
SN	Comapany	CSE	IT	Electronics	Production	Thermal	Design	Total
8	Seagate		1					1
9	DRDO,Delhi		2					2
10	Sameer (IIT,Bombay)			7				7
11	Siemens			1				1
12	John Deere			1		1	1	3
13	SMMS (Metal Detection)			1				1
14	eInfochips			1				1
15	DRDO, Pune						1	1
16	GEM, Pune(Mahindra)						1	1
17	Cummins India, Pune						2	2
18	Thermax, Pune					2	2	4
19	Gudel India Pvt. Ltd, Pune						1	1
20	ARE Test Centre, Sangli						3	3
21	Digvijay Industries, Sangli						1	1
22	Mahabal, Sangli						1	1
23	Excellent, Sangli						2	2
24	Ratnanath Industries,Sangli						1	1
25	General Motors Pvt. Ltd.				3			3
26	Renata Precision Components				1			1
27	Tata Motors, Pune				1	2		3
28	Sanjeev Auto Parts Mfrs Ltd.				1			1
29	Taysons Industries Pvt. Ltd, Miraj				2			2
30	Samruddhi Industries Ltd., Sangli				1			1
31	Accurate India Pvt. Ltd., Pune				1			1
32	Cummins India, Pitampur(MP)				1			1
33	Eaton, Ahemadnagar				1			1
34	KIRLOSKAR CHILLERS, PUNE					1		1
35	BRIDGESTONE, AURANGABAD					1		1
36	BARC, MUMBAI					2		2
37	EBARA					1		1
38	FORBES MARSHEEL ,PUNE					1		1
39	NCL ,PUNE					1		1
	Total	9	7	17	12	12	16	73



Ms Pooja Patil, TY (IT); and Ms Jeffy Thomas SY (CSE) went for Summer Internship to National Technical Universities of Athens, Greece during 15th June to 30th July 2017

4.5 Perception-Peer Rating Reports

[A] NBA Report

NBA Committee visited Walchand College during 14th - 16th October 2016 for accreditation of five PG Programs: Civil, Mechanical, Electrical, Electronics and Computer Science and Engineering under Tier-I format. The NBA expert committee conducted onsite evaluation of the programmes and submitted the report to NBA. The NBA approved Five years of Accreditation to PG Civil-Structural Engineering and PG-Computer Science & Engineering and Two years of Accreditation for PG-Mechanical Design Engineering, PG-Electrical Control Systems Engineering, and PG-Electronics Engineering w.e.f. 01-07-2016. The detail summary Report of NBA committee is as follows:

Postgraduate 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. PG-Civil-Structural Engineering.
2. PG-Mechanical Design Engineering.
3. PG-Electrical Control Systems Engineering.
4. PG-Electronics Engineering.
5. PG-Computer Science & Engineering (Specialization in Information Technology).

Visit Dates: 14th - 16th October 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 14th - 16th October 2016.

During the visit, the visiting team met with Head of the Institution/Dean, Deputy Director/Head of the Departments etc. The briefings on the Institution were given by Director, Prof. G.V. Parishwad 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: Prof. D. Thukaram, Professor, IISc Bangalore

Programme Title: **P.G. – Civil Structural Engineering**

Programme Evaluator: Name: D.V. Mustafa, NIT Calicut.

Tel: 09447004988; E-mail: mustafa@nitc.ac.in, drvmustafa@gmail.com

Programme Title: **P.G. – Mechanical Design Engineering**

Programme Evaluator: Name: Prof K.C. Agarwal, Former Campus Director, Rayat Bahra Group of Institute, Mohali,

Punjab Tel: 09312709329; E-mail: kcagrawal@yahoo.com

Programme Title: P.G. – Electrical Control Systems Engineering

Programme Evaluator: Name: Prof. B. Subudhi, NIT Rorkela.

Tel: 09439031620; E-mail: bidyadhar@nitrkl.ac.in

Programme Title: P.G. – Electronics Engineering

Programme Evaluator: Name: Prof. B. Kanmani, BMS College of Engg, Bangalore.

Tel: 09448375397; E-mail: bkanmani.tce@bmsce.ac.in

Programme Title: P.G. – Computer Science & Engineering (Specialization in Information Technology)

Programme Evaluator: Name: Prof. S.Raman, Ex. Prof IIT Madras.

Tel: 09444963588; E-mail: ramansubra@gmail.com

1.2 Previous Accreditation Details

Programme Title	First accredited		Last accredited	
	Number of	With effect	Number of	With effect
	years /Grade	From	years / Grade	from
PG-Civil-Structural Engineering	3	15-03-2012	-	-
PG-Mechanical Design Engineering	3	15-03-2012	-	-
PG-Electrical Control Systems Engineering	3	15-03-2012	-	-
Electronics Engineering	3	15-03-2012	-	-
PG-Computer Science & Engineering (Specialization in Information Technology)	--	--	-	-

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) 1955 Walchand College of Engineering, Sangli
Name of head of the Institution/Dean	Director: Dr. G.V.Parishwad
Number of Departments/Faculties	119
Number of Undergraduate Programmes	06
Number of Postgraduate Programmes	10
Ph.D. Degree Programmes Offering,	Yes
If Applicable (Yes / No)	
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
Any Special Recognition e.g.: A Prominent public Research Centre, Strong Industry Involvement	<ul style="list-style-type: none"> • Rank No 2 In TEQIP-I At National Level • Rank 20th among Top 100 Pvt. Engg. Colleges during 2015 of Higher Education Review. • Mechanical Engg. & Electronics Engg. Dept. Awarded One Patent Each. • Met All 9 Performance Indicators.

1.4 Summary of Findings**Programme Title 1: M. Tech (Civil Structural Engineering)****Strength:**

- Qualified and motivated faculty.
- The infrastructure is good.
- Gate qualified are admitted mostly.
- State government control over admission process.
- High level of faculty retention.
- Department generates big chunk of consultancy revenue.
- Good central library available.
- State government services rules are followed.
- Good interaction with alumni and industry.

- Accreditation preparations are well organized and properly documented.

Concern:

- Department budget proposal to the institute level are not seen documented.

Weakness:

- Expenditure incurred lower than allocated.
- Equipment maintenances needs more attention.
- Entrepreneurship development initiatives are insufficient.

Deficiency:

- No explicit self-learning practices are observed.

Programme Title 2: M. Tech. (Mechanical Design Engineering)**Strength**

- Vision, Mission, PEOs and POs have been well drawn.
- POs are well aligned with the GAs. Mapping of POs with PEOs is good.
- Intake quality of student is good as 95% seats are filled by GATE qualified students.
- Detailed course syllabus of selected subjects is satisfactory.
- Student pass percentage has consistently been better than 90% year after year.
- STR, FQ, Faculty Competence and faculty retention has been good.
- Exclusive rooms with required facilities have been to the faculty members.
- Evaluation process for the course work as well as the project work is good.
- Campus infrastructure facilities, Governance and support facilities are good.
- Library is well provided with books and journals. The ambience is also good.

Concern:

- Membership of professional society, participation in international events is as well as the publications and the awards won by students are inadequate.

- Curriculum lacks some important components like advanced composites, material testing techniques, quality assurances etc.

Weakness:

- Process of re-defining PEOs shall be further articulated.
- Some improvements have been observed in the curriculum and curriculum delivery methods as a consequence of the results achieved.
- Placements and higher education records are just in sufficient.
- Interaction with outside world needs to be improved.
- Some new facilities have been created and some more in process of being created since last accreditation.
- Efforts have been made to motivate students for self-learning through mini efforts.
- Self-learning facilities are in process of being setup.
- Improvements in faculty's R&D publications, R&D and consultancy work are fewer.
- Two seminar rooms have been provided on share basis.

Deficiency:

- Faculty IPR is limited to having applied for one patent.
- None of the students have gone for Ph. D

Programme Title 3: M. Tech. (Electronics Engineering)**Strength:**

- Input student quality is good.
- Few faculty have publications with large no of citations.
- The IET Academics Affiliate exists, leading to a number of professional activities
- Continuous funded projects through AICTE MODROBS and RPS scheme is observed.
- Faculty have published text books.
- Faculty have developed lecture modules (videos), and made available for access beyond campus.
- Dedicated faculty and technical staff observed.

Concern:

- The COs are not always reflecting the skills gained through assessments.
- Only about 30% of projects lead publications.
- Components like course seminar, mini project and group activities are not included in computations of the CO-PO attainment.

Weakness:

- Continuous improvement through attainment values is not being documented.
- The number of technical staff is inadequate.
- Incentives for technical support staff for career
- Advancement may be introduced.

Programme Title 4: M. Tech. (Control system Engineering)**Strength:**

- Vision, Mission, PEOs and POs have been well defined.
- PEOs and POs are rightly correlated.
- PEOs and POs are disseminated in many strategic locations.
- Sufficient faculty members have been specialized in control system specialization.
- M Tech thesis joint guidance is organized involving professors from IIT and scientists from DRDO.
- Good subscription of scholarly journals available e.g IEEE Transactions and Science Direct.
- Laboratories are equipped with good equipments and software's.

Concern:

- Faculty Research Publications are found in non-SCI journals and conferences.

Weakness:

- Sponsored Research Grants from funding agencies such as DST, DRDO, and CSIR are not found.
- Technical staffs are not sent for training for their skill up-gradation.
- Less Professional Society activities.

Deficiency:

- Not enough initiatives found for developing an incubation.
- No patent filed or granted.

Programme Title 5: M. Tech. (CS&E Engineering)**Strength:**

- Well established and run institution.
- Ranks third in state.
- Good programs offered.

Weaknesses:

- More number of contract faculty, as there are laborious administrative procedures

Deficiency:

- Lack of industries nearby.

CHAIRPERSON'S REPORT

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

Visit Dates: 14th - 16th October 2016

For all accreditation criteria, the findings shall be Y: Compliance, C: Concern, W: Weakness and D: 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	PG Civil Structural Engineering	PG Mechanical Design Engineering	PG Electrical Control Systems Engineering	PG Electronics Engineering	PG Computer Science and Engineering
Mission and Vision	Y	Y	Y	Y	Y
Programme Educational Objectives	Y	Y	Y	Y	Y
Attainment of Programme Educational Objectives	Y	Y	Y	Y	Y
Assessment of Attainment of Programme Educational Objectives	Y	C	C	Y	Y
Indicate how results of assessment of achievement of PEOs have been used for redefining PEOs	C	C	C	C	Y
2: PROGRAMME OUTCOMES	PG Civil Structural Engineering	PG Mechanical Design Engineering	PG Electrical Control Systems Engineering	PG Electronics Engineering	PG Computer Science and Engineering
Definition and validation of Course Outcomes and Programme Outcomes	Y	Y	Y	Y	Y
Attainment of Programme Outcomes	Y	C	Y	C	Y
Assessment of attainment of Programme Outcomes	Y	C	C	C	Y
Use of assessment results towards improvement of programme	C	C	C	C	Y
3: PROGRAMME CURRICULUM	PG Civil Structural Engineering	PG Mechanical Design Engineering	PG Electrical Control Systems Engineering	PG Electronics Engineering	PG Computer Science and Engineering
Curriculum	C	C	C	C	Y
Indicate interaction with industry/R&D organization	Y	Y	C	C	C
Curriculum Development	Y	C	C	Y	Y
Course Syllabi	Y	Y	Y	Y	Y
4: STUDENTS' PERFORMANCE	PG Civil Structural Engineering	PG Mechanical Design Engineering	PG Electrical Control Systems Engineering	PG Electronics Engineering	PG Computer Science and Engineering
Admission intake in the programme	Y	Y	Y	Y	Y
Success rate	Y	Y	Y	Y	Y
Academic Performance	Y	Y	Y	Y	C
Placement and Higher studies	C	C	C	Y	Y
Professional Activities	C	C	C	C	Y
5: FACULTY CONTRIBUTIONS	PG Civil Structural Engineering	PG Mechanical Design Engineering	PG Electrical Control Systems Engineering	PG Electronics Engineering	PG Computer Science and Engineering
Student-Teacher ratio	Y	Y	Y	Y	Y
Faculty strength in PG programme	Y	C	Y	Y	Y
Faculty qualification	Y	Y	Y	Y	Y
Faculty competencies correlation to Programme curriculum	Y	Y	Y	Y	Y
Faculty as participants/resource persons In faculty development/training activities	Y	C	C	Y	Y
Faculty retention	Y	Y	Y	Y	Y
Faculty research publications	C	C	C	C	C
Faculty Intellectual property rights	W	W	W	Y	W
Faculty R&D and consultancy work	C	C	C	C	C
Faculty interaction with outside world	C	C	C	C	C

Criteria for NBA Evaluation	Comments of Chairperson Based On Programme Evaluators Report				
	PG Civil Structural Engineering	PG Mechanical Design Engineering	PG Electrical Control Systems Engineering	PG Electronics Engineering	PG Computer Science and Engineering
6: FACILITIES AND TECHNICAL SUPPORT					
Classrooms in the department	Y	Y	Y	Y	Y
Faculty rooms in the department	C	Y	Y	Y	Y
Laboratories in the department to meet the programme curriculum requirements and the POs	Y	C	Y	C	Y
Technical manpower support in the department	C	C	C	C	Y
7: TEACHING-LEARNING PROCESS					
Evaluation process – Course work	Y	Y	Y	Y	Y
Evaluation process – Project work/Thesis	Y	Y	Y	Y	Y
Teaching evaluation and feedback system	C	Y	C	Y	Y
Self-learning beyond syllabus and outreach activities	C	C	C	C	C
8: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES					
Campus infrastructure and Facility	Y	Y	Y	Y	Y
Organisation, Governance and Transparency	Y	Y	Y	Y	Y
Budget Allocation, utilization and Public Accounting	C	C	C	C	C
Programme Specific Budget Allocation, Utilisation	C	C	C	C	C
Library	Y	Y	Y	Y	Y
Incubation facility	D	D	D	D	D
Internet	Y	Y	Y	Y	Y
Safety Norms and Checks	Y	Y	Y	Y	Y
Counselling and Emergency Medical care and First-aid	Y	Y	Y	Y	Y
9: CONTINUOUS IMPROVEMENT					
Improvement in success Index of students	Y	Y	Y	Y	Y
Improvement in Academic performance Index of Students	Y	C	Y	C	Y
Improvement in Student-Teacher ratio	C	C	C	C	Y
Enhancement of Faculty Qualification Index	Y	C	Y	Y	Y
Improvement in Faculty Research Publications, R&D Work and Consultancy Work	Y	C	C	C	Y
Continuing Education	Y	C	C	C	C
New Facility created	C	C	C	C	Y
Overall Improvement since last accreditation, if any, otherwise, since the commencement of programme	Y	Y	C	C	Y



NBA Team Visited WCE, Sangli during October 14-16, 2016 for Accreditation of 5 PG Programmes: Structural, Design, Electronics, Control Systems Engg and IT.

5. TEQIP II PROGRESS AND REPORT FOR 2016-17

5.1 Year-wise Grants Sanctioned & Received

Year - wise	Grant Sanctioned	Grant Received
2016-17	25000000	25000000
2015-16	45000000	45000000
2014-15	40000000	40000000
2013-14	20000000	20000000
2012-13	20000000	20000000
2011-12	-	-
2010-11	-	-
Total	150000000	150000000

5.2 Facilities Created under TEQIP-II

New Laboratories Created:

Sr. No.	Department	New Laboratories	Modernization of Laboratories (OLD)
1	Department of Computer Science & Engineering	--	Mini Central Computing Facility Lab (4 wings)
2	Department of Computer Science & Engineering	--	Research Lab
3	Civil Engineering	Advance Environmental Engineering Lab	Environmental Engineering Lab

Major procurement of items / facility /software:

Sr. No.	Name of equipment	Number of units purchased	Total cost of equipment (Rs)
1	WCE-CSE-2-Advanced Network Engineering Lab and hardware switches, routers, wireless repeaters etc. Software	1	455,364.00
2	WCE-CSE-8-Matlab Latest Version with tool boxes	1	2,685,120.00
3	WCE-ELEC-1-Numerical Relay Development Environment	1	996,150.00
4	WCE-ELEC-14-Active Front End Rectifier + 3 PHASE IGBT BASED INVERTER (4 LEG)	2	211,073.00
5	WCE-ELEC-15-3 Phase Rectifier + 3 phase Inverter stack (4 Leg)	5	286,200.00
6	WCE-ELEC-16-NI Hardware	1	625,451.00
7	WCE-ELEC-17-DSP KIT, DSP KIT Emulator	2,2	147,700.00
8	WCE-ELEC-2-Twin Rotor MIMO (Helicopter model)	1	679,964.00
9	WCE-ELEC-20- E KIT FOR E BAJA	1	389,001.00
10	WCE-ELEC-3- Inverted Pendulum with cart	1	753,328.00
11	WCE-ELEC-4- Three phase inverter stacks I/P voltage	5	215,250.00
12	WCE-ELEC-5- DSPACE ACE Kit	1	511,675.00
13	WCE-ELEC-6-Transmission Line simulator	1	2,086,190.00
14	WCE-ELEC-7- Vector Controlled Induction Motor Drives	1	425,354.00
15	WCE-ELEC-8- Three Phase Power Quality Analyzer	1	486,675.00
16	WCE-ELN-13- Microwave Integrated Circuits Trainer	1	274,155.00
17	WCE-ELN-15-Microwave Test Bench (Gunn Based)	2	148,995.00
18	WCE-ELN-17- Xilinx Software, Zinq based FPGA board	1,5	422,000.00
19	WCE-ELN-18- MICROWAVE TEST BENCH (KLYSTRON BASED)	2	149,625.00
20	WCE-ELN-3-Altium Designer Release 10	1	1,709,100.00
21	WCE-ELN-4- LAB VIEW Addons Image Processing using NI Smart Camera Evaluation Kit	1	3,421,650.00
22	WCE-ELN-5- Robotics and AI Lab	1	372,122.00
23	WCE-ELN-6- UHF and RF Development Lab	1	404,575.00
24	WCE-ELN-7- BUNDLE 5XL CADANCE (UNIVERSITY BUNDLE)	1	1,582,500.00

Sr. No.	Name of equipment	Number of units purchased	Total cost of equipment (Rs)
25	WCE-ELN-9 -WIRELESS SENSOR NETWORK TEST BED	1	291,000.00
26	WCE-ENV-1- Zeta potential & particle size measurement Equipment	1	1,643,415.00
27	WCE-ENV-11- UV VIS SPECTROPHOTOMETER	1	755,100.00
28	WCE-ENV-2- Gas Chromatograph	1	999,500.00
29	WCE-ENV-3- Total Organic Carbon (TOC) Analyzer	1	1,447,031.00
30	WCE-ENV-6- Gas Sensor Unit	1	119,925.00
31	WCE-ENV-8- Pen High performance handhelde Infra red Thremometer (ST 689), Pen Type Infra red Thremometer (Pyropen U)	1	64,500.00
32	WCE-ENV-9- Light Meter	1	15,694.00
33	WCE-IT-18- IOT LABORATORY	10	449,460.00
34	WCE-IT-4- Wireles communication GPS/GPRS study kit	1	400,000.00
35	WCE-IT-6- PC Workstations	10	1,170,624.00
36	WCE-IT-7- Blade chassis, Blade servers	1,2	1,642,200.00
37	WCE-IT-8- Storage	1	960,750.00
38	WCE-IT-9- Core Switch L3, Edge Switch, Infini Band Switch	1,2,1	1,416,000.00
39	WCE-LIB-21- ALL IN ONE PRINTER, DESKTOP PC, HARD BOOK SCANNER	1,1,1	199,400.00
40	WCE-MECH-1- Electromagnetic Exciter	1	2,310,824.00
41	WCE-MECH-23- THERMAL CONDUCTIVITY ANALYZER	1	2,100,000.00
42	WCE-MECH-27- Hypermesh ALTAIR Research Version (5 Licence)	1	660,660.00
43	WCE-MECH-29- CNC Milling Machine	1	2,554,746.00
44	WCE-MECH-4-Dynamometer for Machining Lab	1	1,768,908.00
45	WCE-MECH-5- Portable FFT analyzer	1	780,000.00
46	WCE-MECH-7- Micro machining centre	1	3,078,000.00
47	WCE-OFF-2- MacBook Pro, MacBook Air	2,1	363,800.00
48	WCE-OFF-3- Workstation with Intel® Xeon® processor with Quad Core, min. 3.20GHz) , 4GB DDR3 ECC, 500GB @7200 RPM 3.5" SATA Hard Drive	20	1,496,628.00
49	WCE-OFF-4- Smart Projector: Interactive Projector with Resolution : WXGA, Brightness : 2700 lumens	7	803,250.00
50	WCE-OFF-7- EPSON A3 COLOUR PRINTER, WF-R8591, EPSON A4 COLOUR PRINTER, WF-R5691	1,2	408,585.00
51	WCE-STRUCT-1- Shake table setup	1	1,925,776.00
52	WCE-STRUCT-2- Universal Testing Machine	1	1,485,258.00
53	WCE-STRUCT-3- Electrical Operated Furnace	1	315,000.00

E-Library & Digital Library

E – Journals:

Publisher	Link	No of Journals
IEEE	www.ieeexplore.ieee.org	19871

E-Books:

Publisher	Link	No of E-Books
Springer Book	www.springerlink.com	1890
Various Publishers	gist.ipublishcentral.com	273

Training Programs attended by staff/ faculty/ student

Sr. No.	Year	Student	Faculty	Staff
1	2016-17	12	61	7
2	2015-16	12	24	6
3	2014-15	6	22	4
4	2013-14	5	34	9
5	2012-13	2	17	3
6	2011-12	-	5	1
7	2010-11	-	12	-
	Total	37	175	30

New initiatives undertaken/ Best Practices started during TEQIP

- 1) Protector system – one protector for 15 students,
- 2) Think pair share concept for learning,
- 3) Project based learning,
- 4) Six month project work in industry
- 5) Institute electives as per student choice,
- 6) Internship training in each Vacation.

Professional services rendered to industry/society

Consultancy services are provided to various industries in the area of vibration analysis consultancy services in Structural Engineering and consultancy services in Environmental Engineering.

S. No.	Name of item Purchased	Amount (Rs. in Lac)
1	Memsik make: TelosB Mote Platform	44458
2	DSP Kit	90000
3	DSP Kit JTAG Emulator	57700
4	NI Hardware	625451
5	E Kit for Baja (SK 17003 Kit 1 & SK 17004 Kit 2	389001
6	Three phase inverter stacks	286200
7	IOT KIT	4,49,460=00
8	Turnitin Originality Checking Software Plagarism	4,37,184=00
9	Xilinx Software, Zing FPGA board	422000
10	Microwave Test Bench (Gun based)	148995
11	Microwave Test Bench (Kystron based)	149625
12	Microwave Integrated Circuit Trainer	274155
13	E-Journal	1700000
14	E-Books	519677
15	Max Mill Plus + CNC Milling Machine	25.55
16	Hypemesh Telcam IT Solutions	6.61
17	DR 6000 spectrophotometer	629750

5.3 TEQIP-II Audits:

A) Performance Audit

PERFORMANCE AUDIT FORMS (2010-11 to 2015-16)

INSTITUTIONAL PERFORMANCE PROFILE

AUDIT VISIT NUMBER: 1 2 3 4 5 6

(CIRCLE NUMBER OF THE VISIT AS APPROPRIATE)

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

DATES OF PERFORMANCE AUDIT : **22nd, 23rd, 24th & 25th August 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
1.2.1	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 evidences for at least 75% of relevant can be considered good practice).
2	Some evidence of good practice: in the quality and standards achieved (Assessment identifies clear supporting evidences for at least 75% of 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 is concrete plan in place implementation.)

NOTE: SUPPORTING EVIDENCE- PERFORMANCE AUDITORS WILL PROVIDE A BULLET POINT LIST OF THE STRONGEST CLAREST EXAMPLES OF EVIDENCE IN SUPPORT OF EVALUATION GRADES ON ALL ANNEX 4 FORMS.

The grade descriptors have two elements, one relating to the amount and nature of the evidence for a given practice and one relating to the quality of the practice about which the evidence.

PERFORMANCE AUDIT FORM (1.1) (2010-11 to 2015-16)

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 PARARAMENTERS	SUPPROTING 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: Increase in the satisfaction index of student and faculty	<ul style="list-style-type: none"> • TEQIP II started from the academic year 2010-11. • Audit report from 2010-11 to 2015-16. • During 2015-16 period the institute has received 12.5 crores in total. • Amount spent up to August 2016 is 11.21 Crores and 1.3 Crores in pipeline. • Procurement plan for additional 5 Crores is ready. • The funds have been utilized effectively for modernizing laboratories, research equipments, training the faculty and staff. • Funds are utilized for student's assistantships and training. • Funds have been utilized properly and effectively. • Satisfaction is quite high.
B. Effectiveness of scaling-up Postgraduate Technical Education, including Increased enrolment for M. Tech. and PhD	<ul style="list-style-type: none"> • One PG program in Computer Sc. & Engineering (IT) is started during 2012-13. • Intake of PG programs have been increased from 126 to 240 during the project period. • From 2012-13 teaching assistantships were granted to all non-sponsored and non-Gate students. • Rs 8000/month per student assistantship is provided. • Ph. D enrolment has been increased to 80 during the project period. • Industry Sponsored PG Projects = 188 • 31 students have completed Ph.D. from this institute during the project period • M Tech students admitted to Ph.D. programs in IIT directly.
Establishment of proposed laboratories	<ul style="list-style-type: none"> • 10 Laboratories have been modernized during project period. • For training and research programs, 3 industry sponsored labs have been established. • 5 labs has been developed as centers of excellence for training and research programs.
Cumulative number of assistantship granted	<ul style="list-style-type: none"> • 151 No. of teaching assistantships are granted for M. Tech. Students during project period. • All Eligible PG students are getting Assistantships. • Rs. 8000/- Per Month Assistantship is given to each eligible student. • Total 158 lakhs has been spend on teaching assistantship during project period.
C. Progress/achievement in starting new Postgraduate programmes including: Securing AICTE approval	<ul style="list-style-type: none"> • 1 PG programs intake has been started during project period. • 9 PG programs intake has been increased from 126 to 140. • AICTE approval obtained for new programs & increased intake. • 6 PG programs were accredited during project period.
Establishment of laboratories	<ul style="list-style-type: none"> • Three industry sponsored Research Laboratories have been established during project period. • Mechatronics laboratory with the help of John Deere

MONITORING AND PROJECT OUTPUT/ OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE																		
Establishment of laboratories	<ul style="list-style-type: none"> • Refrigeration & Air Conditioning with the help of Danfoss Industries Pvt. Ltd, Chennai. • Software testing laboratory with the help of IBM. • 10 M. Tech laboratories have been modernized. • 5 labs have been developed as center of excellence. 																		
Adequacy of student enrolments	<ul style="list-style-type: none"> • 100% Students have been enrolled from the academic year 2011-12 onwards. • All 240 seats have been filled during 2015-16. 																		
D. Effectiveness of collaborations made with other institutions in India and abroad, including: Increase in number of Co-authored publication in refereed journals	<ul style="list-style-type: none"> • 35 MOUs have been signed during project period. • 12 MOUs with Academic Institutes. • 18 MOUS with Industries. • 3 MOU with Foreign industries and institutes. • 02 from universities. • During this period 2 books have been published by faculty. 																		
E. Increased collaboration with industry in research and development, including: Increase in number of joint and industry sponsored research and development work undertaken	<ul style="list-style-type: none"> • 188 PG students have completed Industry sponsored projects. • 2 Industry research projects are completed with John Deere, Pune. • 3 industry sponsored research laboratories have been established. 																		
Increase in financial contribution industry for R&D	<ul style="list-style-type: none"> • Rs. 2 Crore grant towards R & D work from Rathi Engineering works has been received. 1 Crore from Rathi Engineering Works and 1 Crore from Sakal Publication Pvt.Ltd. 																		
Increase in Industry personnel registered for Masters and Doctoral programmes	<ul style="list-style-type: none"> • Industry sponsored M.Tech. student = 6 																		
Increase in Industry personnel trained by institution in knowledge and/or skill areas	<ul style="list-style-type: none"> • 34 Industry persons have been trained by the institution in knowledge and skill areas. 																		
Increase in the number of consultancy assignments secured	<ul style="list-style-type: none"> • No. of Consultancy Assignments are 2467 for the year 2015-16 and revenue generated is Rs. 63 Lakhs. 																		
Increase in the number of students and faculty visits to and/ or training in industry	<ul style="list-style-type: none"> • 1861 students visited 51 industries for the year 2015-16. • 233 faculties visited 110 industries and completed Industrial Training. 																		
Improvements in graduate placement rate	Percentage Campus Placements during Project Period <table border="1" data-bbox="625 1165 917 1365"> <thead> <tr> <th>Year</th> <th>UG</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td>2011-12</td> <td>94.06</td> <td>20.88</td> </tr> <tr> <td>2012-13</td> <td>83.93</td> <td>24.74</td> </tr> <tr> <td>2013-14</td> <td>83.52</td> <td>32.74</td> </tr> <tr> <td>2014-15</td> <td>86.61</td> <td>59.18</td> </tr> <tr> <td>2015-16</td> <td>86.94</td> <td>60.98</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • About 5% students have gone for higher studies. • About 2% students have setup their own industries. • It is observed increase in PG student placement year by year. • Average salary of students placed is 4.56 lakhs. 	Year	UG	PG	2011-12	94.06	20.88	2012-13	83.93	24.74	2013-14	83.52	32.74	2014-15	86.61	59.18	2015-16	86.94	60.98
Year	UG	PG																	
2011-12	94.06	20.88																	
2012-13	83.93	24.74																	
2013-14	83.52	32.74																	
2014-15	86.61	59.18																	
2015-16	86.94	60.98																	
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"> • 24 Industry experts are involved in curricula and syllabus updating. • 282 industry persons are involved in training faculty and students. • 181 Industry persons are involved in evaluation of student projects. 																		
Increase in the number of sandwich programmes between industries and the institution	<ul style="list-style-type: none"> • 2 months paid Industry Internship Program for 60 students at the rate of 5000/- per month. • 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. 8.17 Crores. • Total IRG during project period is 22.89 Crores. • IRG from consultancy is Rs. 63 lakhs. 																		
G. Increase in the number of publications in refereed journals	<ul style="list-style-type: none"> • During the period of 2015-16 Numbers of referred journals are 271. 																		
H. Increase in the number of patents filed	<ul style="list-style-type: none"> • 9 Patents are filed. Approvals are in process. 																		

1.2.1 ESTABLISHING CENTRES OF EXCELLENCE	
MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
A. Establishing Centre of Excellence: Improvement in Research and Development facilities through: Establishment of new laboratories for applicable thematic research Establishment of a knowledge resource centre (library in thematic area.) Procumbent of furniture. Civil Works	Component 1.2.1 Not Applicable
	Overall Evaluation Grade For 1.2.1using 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:	
Percentage of faculty who have benefitted from the core and advanced modules of pedagogy training	<ul style="list-style-type: none"> 131 faculty (96.42%) out of 140 faculty attended the pedagogical training program. Each faculty attended about 4 domain and pedagogy programs.
Improvements in (and/or updating, and more relevant curricula and/or syllabi	<ul style="list-style-type: none"> Curriculum has been revised 2 times for all 6 UG and 10 PG programs. Experts from Ilts , NITs and industries participated in the design of curriculum. For all the branches of final year UG students, last semester is exclusively allotted for industrial project work. 60 UG students undergone paid internship for 2 months from industries. Open and inter disciplinary electives have been included in the curriculum.
Improvements in (and/or updating, and more relevant) course assessment methods	<ul style="list-style-type: none"> Inter Disciplinary Electives were introduced (Total Number of electives subjects are 68). Few PG courses have practical exams in addition to theory exam.
Improvements in (and/or updating, and more relevant curricula and/or syllabi	<ul style="list-style-type: none"> Curriculum has been revised 2 times for all 6 UG and 10 PG programs. Experts from Ilts , NITs and industries participated in the design of curriculum. For all the branches of final year UG students, last semester is exclusively allotted for industrial project work. 60 UG students undergone paid internship for 2 months from industries. Open and inter disciplinary electives have been included in the curriculum. 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: 20 Total No. of Electives for PG : 48 Few audit courses are made credit courses because of increased importance.
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"> 4 out of 5 faculty are deputed & completed higher studies.
Percentage of faculty deputed for subject domain training, seminars, etc. (faculty are required to share their gains with peers and put reports on training on institution's Website)	<ul style="list-style-type: none"> 131 faculty (96.42%) out of 140 attended subject domain and pedagogical training program, seminars etc.

MONITORING AND PROJECT OUTPUT/ OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
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"> 6 UG Programs were accredited during project period. 1 UG program to be applied for accreditation. 6 PG Programs were accredited during project period.
B. Effectiveness of Pedagogy Training, Including 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"> 90 % students are satisfied with quality of teachers and Teaching- learning evaluation changes.
Grade-1	OVERALL EVALUATION GRADE FOR 1.3 USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)

2.1 CAPACITY BUILDING TO STRENGTHEN MANAGEMENT

MONITORING AND PROJECT OUT-PUT/ OUTCOME PARARAMENTERS	SUPPORTING EVIDENCE
A. Implementation of Academic and non-Academic reforms, including:	Very Good
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. Planning to conduct all the exams online for all the subject.
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. Dean students looks after welfare activities of student. Registrar helps to director in administration and financial matters. Local management committee support and guide to the institute locally for better functioning and governance of the institute.
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 Dy. Directors has financial powers up to Rs 20000/- Deans and HOD's are given financial power of Rs. 5000/- Full Academic Autonomy to HOD's with approval from Academic Council. The finance committee looks into all financial related activities of the institutes.

MONITORING AND PROJECT OUT-PUT/ OUTCOME PARARAMENTERS	SUPPORTING EVIDENCE
Responsiveness to stakeholders (students, faculty, staff, industry, local communities)	<p>Very Good</p> <ul style="list-style-type: none"> • Conducting Remedial Classes for weaker student to improve their academic performance. • 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. • Teaching faculty representation in Administrative council. • 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.
Institutional quality assurance and enhancement strategies, including student feedback mechanisms	<p>Very good</p> <ul style="list-style-type: none"> • Internal Quality Assurance cell (IQAC) is in place. • Counseling of faculty based on online students feedback. • Obtained A grade from National Assessment Accreditation Council (NAAC). • Obtained NBA accreditation for 5UG programs. • NAAC committee is going to visit during 17th to 19th March 2016. • Academic audit for all the courses has been completed. • Internal and external financial audit for TEQIP-II program have been completed for the financial year 2015-16. • TNA is carried out to improve skills of faculty. • Strategic Development Plan for 2015-2020 is placed before BOG for approval.
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+ 100 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. • Water filtration plant and distribution system.

COMPONENT 2: IMPROVING SYSTEM MANAGEMENT**2.1.1 IMPLEMENTATION OF GOOD GOVERNANCE**

MONITORING AND PROJECT OUTPUT/ OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
A. PRIMARY ACCOUNTABILITES: 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?	Yes <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.
Has the Governing Body ensured the establishment and monitoring of proper, effective and efficient systems of control and accountability to ensure financial sustainability	Yes-Government Aided Institution <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
Is the Governing Body monitoring institutional performance and quality assurance arrangements?	Yes <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.
Has the Governing Body put in place suitable arrangements for monitoring the head of the institutions performance?	Yes <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	
Does the Governing Body publish an annual report on institutional performance?	Yes- <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.
Does the Governing Body maintain, and publicly disclose, a register of interests of members of its governing body?	Yes- <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
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?	Yes- <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.

MONITORING AND PROJECT OUTPUT/ OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
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?	<ul style="list-style-type: none"> • 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	
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?	Yes- <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 Stakeholders.
Are the recruitment processes and procedures for governing body members rigorous and transparent?	Yes- Quite transparent <ul style="list-style-type: none"> • Constitution of Administrative Council is as per norms of statutory bodies and are more transparent.
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?	Yes-Academic freedom exists. <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.
Are the role and responsibilities of the Chair of the institution and the Member Secretary serving the Governing Body clearly stated?	Yes <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.
Does the Governing Body meet regularly? Is their clear evidence that members of the governing body attend regularly and participate actively?	Yes <ul style="list-style-type: none"> • Minimum 4 meetings per year • 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 2.1.1C USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)
D. EFFECTIVENESS AND PERFORMANCE REVIEW OF GOVERNING BODIES	
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?	Yes- <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
Does the Governing Body ensure that new members are properly inducted, and existing members receive opportunities for further development as deemed necessary?	Yes- <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)

MONITORING AND PROJECT OUTPUT/ OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
E. REGULATORY COMPLIANCE	
Does the Governing ensure regulatory compliance and, subject to this take all final decisions on fundamental matters of the institution.	Yes- It is a Government Aided Institution. <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.
Does the regulatory compliance include demonstrating compliance with the 'not-for-profit' purpose of education institutions? Has there been accreditation and/or external quality assurance by a national or professional body? If so, give name, current status of accreditation etc.	Yes-Government Aided Institution <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. Yes- Government Aided Institution <ul style="list-style-type: none"> • Obtained A grade from National assessment accreditation council (NAAC). • Obtained NBA accreditation for 5 UG program. • 2 PG programs were accredited. • One UG program and 4 PG program are in the process of applying for NBA accreditation • 5PG program are applied for accreditation and waiting for NBA visit.
Grade-1	EVALUATION GRADE FOR 2.1.1E USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)
Grade-1	OVERALL EVALUATION GRADE FOR 2.1.1A-E USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)

COMPONENT 2: IMPROVING SYSTEM MANAGEMENT

2.2 PROJECT MANAGEMENT, MONITORING & EVALUATION

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPROTING EVIDENCE
A. Effectiveness of mentoring, reviews, surveys and audits conducted including: 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 all JRMs. • Performance of Institution evaluated by NPIU at 6th Joint Review meeting held in February 2016 on 8 Point basis is 8/8. • 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: Precise and reliable information/ PERFORMANCE through web based MIS available to stakeholders	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: 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?	Yes <ul style="list-style-type: none"> • 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. • Feedback given by students and counseling of teachers by Deans and HODs' are quite effective for teacher's improvement.
Grade-1	OVERALL EVALUATION GRADE FOR 2.2 USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4

B) Data Audit

NAME OF THE DATA AUDITOR : Dr. D.V. Kodavade

DATES OF DATA AUDIT : 22nd to 25th August 2016

S.N.	Particulars	FIGURE REPORTED IN MIS	VERIFIED FIGURE	INSTITUTIONAL DATA SOURCE
1. Information in respect to Bachelors programs in engineering/technology				
	Number of UG programs conducted during 2015-16 academic year	06	06	Director's Office
	Total number of UG students during 2015-16 academic year	1880	1880	Student Section
	Total number of women students in UG programs during 2015-16 academic year	683	683	Student Section
	Total number of SC students in UG programs during 2015-16 academic year	212	212	Student Section
	Total number of ST students in UG programs during 2015-16 academic year	104	104	Student Section
	Total no. of OBC students in UG programs during 2015-16 academic year	368	368	Student Section
	Percentage of final year UG students during 2015-16 academic year placed through campus interviews	87.16 %	87.16%	TPO
	Percentage of final year UG students during 2015-16 that passed out with 75% or more aggregate marks	48.47%	48.47%	Exam Cell
	Percentage of all 1 st year students [as at 1(b)] during 2015-16 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	81.12%	81.12%	Exam Cell
	Percentage of 1 st year women students [as at 1(c)] during 2015-16 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	86.44%	86.44%	Exam Cell
	Percentage of 1 st year SC students [as at 1(e)] during 2015-16 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	73.91%	73.91%	Exam Cell
	Percentage of 1 st year ST students [as at 1(e)] during 2015-16 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	23.81%	23.81%	Exam Cell
	Percentage of 1 st year OBC students [as at 1(f)] during 2015-16 that passed all courses fully and successfully got admitted to 2 nd year in the 2015-16 academic year	90.53%	90.53%	Exam Cell
2. Information in respect to Masters programs in engineering/technology				
	Number of full-time Masters programs during 2015-16 academic year	10	10	Director's Office
	Number of part-time and sandwich (Joint) Masters programs during 2015-16 academic year	---	---	---
	Total number of students enrolled for all Masters programs during 2015-16 academic year	240	240	Student Section
	Number of faculty in-house enrolled for Masters programs during 2015-16 academic year	---	---	---
	Number of students enrolled for all Masters programs during 2015-16 academic year with scholarship	152	152	Scholarship Section
	Number of students enrolled for all Masters programs during 2015-16 academic year with TEQIP assistantship	55	55	TEQIP-II Office
	Total number of women students in all Masters programs during 2015-16 academic year	105	105	Student Section
	Total number of SC students in all Masters programs during 2015-16 academic year	57	57	Student Section
	Total number of ST students in all Masters programs during 2014-15 academic year	11	11	Student Section

S.N.	Particulars	FIGURE REPORTED IN MIS	VERIFIED FIGURE	INSTITUTIONAL DATA SOURCE
	Total number of OBC students in all Masters programs during 2015-16 academic year	114	114	Student Section
	Percentage of final year Masters students during 2015-16 academic year placed through campus interviews	64.63%	64.63%	TPO
	Percentage of final year Masters students during 2015-16 that passed out with 75% or more aggregate marks	87.56%	87.56%	Exam Cell
3. Information in respect to Doctoral programs				
	Number of Doctoral candidates on roll up to March 31, 2015	69	69	Dean Academics/ Student Section
	Number of in-house faculty enrolled for Doctoral programs during 2015-16 academic year	--	--	--
	Number of students enrolled for Doctoral programs during 2015-16 academic year with scholarship	3	3	Dean Academics/ Student Section
	Number of students enrolled for Doctoral programs during 2015-16 academic year with TEQIP assistantship	---	---	---
4. Information in respect to Faculty				
	Total number of regular full-time faculty including adjunct and emeritus faculty during 2015-16 academic year	133	133	Establishment Section
	Total number of regular full-time faculty in engineering disciplines excluding adjunct and emeritus faculty during 2015-16 academic year	80	80	Establishment Section
	Number of regular full-time faculty in engineering disciplines with Masters degree as their highest qualification excluding adjunct and emeritus faculty during 2015-16 academic year	47	47	Establishment Section
	Number of regular full-time faculty in engineering disciplines with Doctoral degree as their highest qualification excluding adjunct and emeritus faculty during 2015-16 academic year	32	32	Establishment Section
	Number of regular full-time faculty in engineering disciplines with Bachelors degree as their highest qualification faculty during 2015-16 academic year	1	1	Establishment Section
	Number of faculty with Bachelors degree which are enrolled in-house for Masters programs in parent institution during academic year 2015-16: Engineering teachers: Applied Science teachers: Other teachers:	-- -- --	-- -- --	Establishment Section
	Number of faculty with Masters degree which are enrolled in-house for PhD programs at other institutions during academic year 2015-16: Engineering teachers: Applied Science teachers: Other teachers:	-- -- --	-- -- --	Establishment Section
	Number of faculty that have attended a professional training program of 5 or more days duration during 2015-16 academic year	33	33	TEQIP-II Office
	Number of all faculty (irrespective of specialization) that have attended both the Basic and Advanced Modules of pedagogy training during 2015-16 academic year	39	39	TEQIP-II Office
	Number of faculty appraised by students during 2015-16 academic year	146	146	
5. Information in respect to Accreditation of Programs (14-15)				
	• Number of PG programs for which accreditation applied for	05	05	Director's Office
	• Number of UG programs accredited	01	01	Director's Office
	• Number of UG programs for which accreditation applied for	05	05	Director's Office
	• Number of PG programs accredited	02	02	Director's Office

S.N.	Particulars	FIGURE REPORTED IN MIS	VERIFIED FIGURE	INSTITUTIONAL DATA SOURCE
6. Information in respect to research and patents				
	Number of research publications in Indian refereed journals during the 2014-15 academic year	15	15	TEQIP-II Office/ Departments
	Number of research publications co-authored with faculty/ researchers industry experts from outside the institution	Industry:02 Institute:09 R&D :02 Total: 11	Industry:02 Institute:09 R&D :02 Total: 11	TEQIP-II Office/ Departments
	Number of patents in engineering related areas filed during the 2015-16 academic year	03	03	TEQIP-II Office/ Departments
	Number of research publications in International refereed journals during the 2015-16 academic year	65	65	TEQIP-II Office/ Departments
	Number of sponsored research project completed during the 2015-16 academic year (M. Tech. Industry Sponsored Projects)	R&D Projects: 6 M. Tech Sponsored pro.: 93	R&D Projects: 6 M. Tech Sponsored pro.: 93	TEQIP-II Office/ Departments
	Number of MOUs signed for collaborative programs with Indian industry and R&D organizations	06	06	TEQIP-II Office/ Departments
	Number of MOUs signed for collaborative programs with International academic institutions and R&D organizations	00	00	TEQIP-II Office/ Departments
7. Information in respect to finances				
	Amount received as Block Grant during the 2015-16 academic year (Rs. In Lakhs)	NIL	NIL	Account's Office
	IRG from students' tuition fee and other charges during the 2015-16 academic year (Rs. In Lakhs)	279.27	279.27	Account's Office
	IRG from externally funded R&D projects and consultancies during the 2015-16 academic year (Rs. In Lakhs)	59.41	59.41	Account's Office
	Total IRG during the 2015-16 academic year (Rs. in Lakhs)	338.68	338.68	Account's Office
	Total annual recurring expenditure during the 2015-16 academic year (Rs. In Lakhs)	3209.47	3209.47	Account's Office
	Amount available in Corpus Fund on March 31, 2016	59.64	59.64	Account's Office
	Amount available in Faculty Development Fund on March 31, 2016	83.15	83.15	Account's Office
	Amount available in Equipment Replacement Fund on March 31, 2016	59.02	59.02	Account's Office
	Amount available in Maintenance Fund on March 31, 2016	59.03	59.03	Account's Office
8. With respect to Institutional Governance/ Management				
	Number of BoG meeting held during the 2015-16 academic year (with minutes on the web)	3	3	Director's Office
	Number of institutional functionaries (Deans, HoDs, senior faculty and senior officials) that have undergone Management Capacity Enhancement training	3	3	TEQIP- II Office

C) Statutory Audit**BALANCE SHEET AS ON 31ST MARCH, 2017**

(Amount in Rs.)

Sr. No.	PARTICULARS	S.N.	2016-17	2015-16
A	SOURCE OF FUNDS			
	Amount received from:			
	SPFU		25,000,000	45,000,000
	Add: Balance brought forward		78,219,756	47,888,093
	Institute's Own Contribution		-	-
	Excess of expenditure over Income		(33,193,858)	(14,668,337)
	TOTAL		70,025,898	78,219,756
B	APPLICATION OF FUNDS			
	Fixed Assets		71,398,746	56,883,915
	Work in progress- Scheme work under implementation		-	-
	A. Current Assets, Loans and Advances			
	Cash Balance		-	6872
	Bank balance		2,422,190	1,281,417
	Fixed Deposits		-	20,000,000
	Advances for capital goods		-	-
	Loans and Advances	1	558,051	257,552
			2,980,241	21,545,841
	A. Less: Current Liabilities	2	4,353,090	210,000
Net current Assets (A-B)		(1,372,849)	21,335,841	
C	TOTAL		70,025,898	78,219,756

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2017

EXPENDITURE				INCOME			
	Particulars	2016-17	2015-16		Particulars	2016-17	2015-16
T o	Procurement of goods	-	-	B y	Institutes' Own Contribution	-	-
T o	Teaching & Research Assistantships	1,08,07,931	66,68,976	B y	Interest Income	19,00,685	3,67,394
T o	Enhancement of R&D and Institutional Consultancy activities	34,15,177	7,07,031	B y	Other Misc. Income	-	-
T o	Faculty and staff Development for improved competence	75,31,771	19,78,770	B y	Excess of Expenditure over income	3,31,93,858	1,46,68,337
T o	Enhanced interaction with industry	51,35,262	13,97,711				
T o	Institutional management capacity enhancement	1,35,438	2,48,095				
T o	Implementation of Institutional academic reforms	18,45,616	20,55,698				
T o	Academic support for weak students	13,25,300	6,31,552				
T o	Incremental Operating cost	48,98,048	13,47,898				
	Total	3,50,94,543	1,50,35,731		Total	3,50,94,543	1,50,35,731

6. DIPLOMA WING ANNUAL ACTIVITIES

6.1 Admission Details 2017-18:

Polytechnic Wing of Walchand College of Engineering is one of Top Institutes in all Polytechnic Colleges in Maharashtra as per as Admission Cut off every year is concerned.

Branch (Intake)	Institutes/Open Cut Off/Vacancy (As on 13 th August 2017)											
	W.C.E. Sangli		G.P. Karad		G.P. Pune		G.P. Miraj		G.P. Kolhapur		G.P. Tasgaon	
	Cut Off	Va-cancy	Cut Off	Va-cancy	Cut Off	Va-cancy	Cut Off	Va-cancy	Cut Off	Va-cancy	Cut Off	Va-cancy
Civil Engg (42)	92.2	0	90.0	1	89.6	4	81.4	11	89.2	5	83.6	16
Mechanical Engg (63)	91.6	2	91.2	2	90.8	7	83.8	10	88.6	12	67.6	41
Electrical Engg (63)	94.0	0	90.8	4	86.8	1	---	---	90.6	5	86.6	8
Ind. Electronics (42)	91.4	2	---	---	---	---	---	---	53.8	47	---	---
Average-Total	92.3	4	90.7	7	89.1	12	82.6	21	80.6	69	79.3	65

WCE Preference: 1. Electrical; 2. Civil; 3. Mechanical; 4. Industrial Electronics;

6.2 Faculty Activity Details:

- Consistently "Excellent" gradation in all previous Academic Monitoring of MSBTE.
- Active participation of all teachers in all MSBTE, DTE and college activities.
- Many staff members have worked for Model Answer preparation of MSBTE examination.
- Dr. Sanjay Dabhole received Bharat Vidhya Shiromani Award and Certificate Of Education Excellence from Indian Solidarity Council, New Delhi for Outstanding achievement and remarkable role in the field of education
- Mr. H.P. Kulkarni, Mr. SN Kulkarni, Mr. NN Kamble, Mr. SV Chikurde and Mr. SM Pophare have attended National workshop on "Popularisation of Remote Sensing Based Maps & Geospatial Information" on 11th Aug 2017 organized (online) by Indian Society on Remote Sensing and ISRO.
- Industrial expert Prasanna Kulkarni of Srujan Ideas & Concepts, Sangli delivered a lecture on Low Cost- Eco Friendly Housing.
- Dr. Sanjay Dabhole will work as Member, Technical program committee and reviewer for International Conference on Optical & Wireless Technologies OWT 2018, IEEE, ISEC'18, CogSIMA 2018, and ICOIACT 2018.
- 2 weeks FDP on Entrepreneurship conducted by MITCON Pune.
- New Structural Health Monitoring and Material testing laboratories were constructed.
- 9 Industrial expert lectures were organized on various subjects by Civil engineering department.
- Mechanical engineering department organized 6 industry expert lectures.
- 71 students from electrical engineering department were deputed for industrial training.
- 6 faculty members from civil engineering department attended one week workshop on 'Structural Health Monitoring'.
- Three days' workshop, 'PROTEUS- Circuit simulation and PCB design' was organized by Industrial Electronics department for IR4G and IR6G students.
- 2 faculty members of civil engineering department attended four week workshop on 'Use of ICT in Education & Blended learning' organized by IIT Bombay.
- 4 'Personality Development' programs were conducted by civil engineering department.
- K.S. Kadam and S.V. Chikude attended one week FDP on 'Energy recovery from Solid Waste', at RIT Sakhrle.
- Blood donation camp was organized in association with Shirgaonkar Blood Bank.

Number of co-curricular activities performed

SN	Nature of Activity	Department			
		Civil Engineering	Electrical Engineering	Mechanical Engineering	Industrial Electronics
1	Industrial Visits	5	6	8	6
2	Industry Expert Lectures	5	8	6	6
3	Industry Based Projects	2	1	1	2

SN	Nature of Activity	Department			
		Civil Engineering	Electrical Engineering	Mechanical Engineering	Industrial Electronics
4	Learning Resources Development	5	20	10	2
5	Industrial Trainings Deputations	49	71	74	2
6	Faculty Trainings Deputations	6	3	4	3
7	Faculty Trainings Organised	2	2	2	1
8	No. of faculty deputed for/ completed improvement of academic qualification	1	0	4	0
9	Project paper presentation	15	20	2	2
10	Technical Quiz participation	4	8	35	7
11	Career fair	0	1	0	0
12	Project institute	0	4	0	3
13	Curriculum development	0	4	0	2
14	CEP activities	1	2	3	1
15	Programmes conducted for personality development	4	5	3	2
16	Participation in sports (IDSSA)	30	40	26	11
17	MOUs with for participation in academic development of institute	2	4	4	4
18	Organisation of technical quiz/ seminar/ paper presentation competition events	2	2	4	1
19	Any other	0	1	1	0
20	Social activities like blood donation camp/ tree plantation etc.	2	3	3	3
21	Industry sponsored final year projects of students	0	1	0	2
22	Application oriented final year projects of students	6	2	16	9
23	Study based final year projects of students	2	5	0	0
24	Vacation training organised for students	0	71	67	20

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	R.D. Padhye	Dr. P.B. Ulagaddi Civil	June 2005 SGGS, Nanded, SRTM Uni,	Analysis and Design of Retaining wall with Pressure relief shelves.	Completed on 01 Nov 2010
2	N. G. Apte	Dr. V.N. Bapat, Electrical	JUNE 2006 SUK	Design analysis and implementation of Voltage source inverter based power quality conditioner	Jan 2014
3	A.A. Agashe	Smt. Dr. R.S. Patil Electronics	30 June 2006 SUK	Studies on localization algorithms in wireless Networks: A special reference to sensor network.	Completed on 01 Nov 2010
4	V.V. Sulakhe	Mrs.Dr. S. D. Apte Electronics	01 Jan 2006 SUK	Development of efficient routing protocols for Application specific wireless sensor networks	Thesis submitted
5	B.B. Vhankhande	Mrs.Dr. Vijaya Puri- Physics	30 June 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 Jun 2006 Date of Degree 27 July 2007
6	M.K. Yadav	Dr. B.B. Wagmode- Mathematics	June 1992 Shivaji Uni, Kolhapur	Non-Newtonian fluid through porous media	Aug. 1996

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	Dr. 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	Dr. 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

6.3 Result Analysis of Diploma Examinations 2016-17:

First Year							
Branch	Total	% Dist.	% First	% Second	% ATKT	% Fail	% Pass
Civil	42	61.90	21.43	2.38	7.14	7.14	92.86
Mechanical	62	66.13	22.58	0.00	8.06	3.23	96.77
Electrical	64	68.75	20.31	3.13	0.00	7.81	92.19
Industrial Electronics	43	53.49	18.60	2.33	16.28	9.30	90.70
Total /% Average	211	63.51	20.85	1.90	7.11	6.64	93.36
Second Year							
Branch	Total	% Dist.	% First	% Second	% ATKT	% Fail	% Pass
Civil	49	55.10	22.45	2.04	10.20	10.20	89.80
Mechanical	71	49.30	38.03	2.82	5.63	4.23	95.77
Electrical	75	76.00	18.67	0.00	2.67	2.67	97.33
Industrial Electronics	46	43.48	19.57	21.74	4.35	10.87	89.13
Total /% Average	241	57.68	25.31	5.39	5.39	6.22	93.78
Third Year							
Branch	Total	% Dist.	% First	% Second	% ATKT	% Fail	% Pass
Civil	49	71.43	22.45	2.04	0.00	4.08	95.92
Mechanical	75	74.67	17.33	0.00	0.00	8.00	92.00
Electrical	71	77.46	14.08	0.00	0.00	8.45	91.55
Industrial Electronics	44	79.55	15.91	0.00	0.00	4.55	95.45
Total /% Average	239	75.73	17.15	0.42	0.00	6.69	93.31

In Diploma programs, more than 93% students have passed at all the three years.

6.4 Co-Curricular and Extra-Curricular Activities of the Students:

Boys and lady students participated in most of the events at IDESSA and other sports events. Following is the Department wise Summary of the Sports Participation and the performance of students our institute in IEDSSA – B2 Zone Diploma Sports for 2016 – 2017:

Sr. No.	Sports Boys	Department wise Participation of Students				Total	Remark
		Civil	Mechanical	Electrical	Industrial Electronics		
1	Chess	--	4	--	1	5	Lost
2	Carrom	1	2	3	--	6	Lost
3	Volley Ball	5	4	3	--	12	Lost
4	Cricket	7	5	3	1	16	Winner
5	Football	3	6	4	3	16	Lost in Semifinal
6	Athletics	--	--	6	1	7	General Championship (26 Points)
7	Basket Ball	3	7	2	--	12	Runner Up
8	Badminton	--	4	1	--	5	Lost in Semi-final
Total		19	32	22	6	79	

Sr. No.	Sports Boys	Department wise Participation of Students				Total	Remark
		Civil	Mechanical	Electrical	Industrial Electronics		
Ladies Tournaments							
1	Chess	1	1	1	1	4	Lost
2	Athletics	1	1	3	3	8	Shot Put – 3 rd (Civil) Disc Throw – 2 nd (IE) & 3 rd (Civil)
3	Volley Ball	3	2	2	3	10	Runner Up
4	Basket Ball	--	2	4	3	9	Winner
5	Badminton	--	2	2	1	5	Lost
6	Kho Kho	1	2	7	2	12	Lost
7	Kabbaddi	3	1	5	3	12	Runner Up
Total		7	9	20	12	48	

Individual Sports:

Boys

- Ingale Harshal S. Y. (Elect) - 100 m Running 1st rank
 Pathak Radheya S. Y. (Elect) - Javelin Throw 1st and Disc Throw 1st rank
 Relay (4x100) Meter - 2nd rank

Girls

- Miss Karande Komal D. F. Y. (Civil) - Shot Put 2nd & Disc Throw 3rd
 Miss Koli Komal P. F. Y. (IE) - Disc Throw 2nd

Extra-curricular Activities:

- TY Civil students participated in MSBTE Sponsored Technical Paper Presentation Competition, held at AISSMS Polytechnic, Pune.
 1. Abhishek S Gavande
 2. Snehal R. Mhetre
 3. Shubham S Bagal
 4. Shreya V. Kulkarni
 (Sr. no. 1 and 2 have secured third place and bagged Prize of Rs. 2500/-)
- SY Civil students have carried out Road Project as a part of surveying course at Ramling- Dhuloba.
- Shreyasi S. Kore, Priyanka S. Samudre of TY (IE) Class secured Third rank along with certificate trophy and Cash Prize in MSBTE Sponsored State Level Technical Paper Presentation Competition held on at JSPM's RSCOE, Under the guidance of Dr. V.V. Sulakhe
- SY and TY Civil Students have participated in following events at 'Aakar' organized by CESA at WCE Sangli; Surveying, Concrete Block casting, Bridge framing and AutoCAD.
- SY Civil students visited Chandoli Dam in Sept. 2017.
- Engineer's Day, Guru Pournima, Teacher's Day, Women's Day, are also celebrated with great enthusiasm.
- TY Civil students visited Water Treatment Plant at Miraj in Oct. 2017.
- Students from Electrical engineering department participated Surya Mitra Solar Technician 3 months' workshop.



Man Power Development



Building Supervisor



Mobile Repairing at Jat



Ladies Tailor Course at Bamnoli

Awareness Programmes



Solar Energy Camp at Sangli



Sarai cooker information at Miraj

Technical and Support Service



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



Recharge of well at Gomewadi

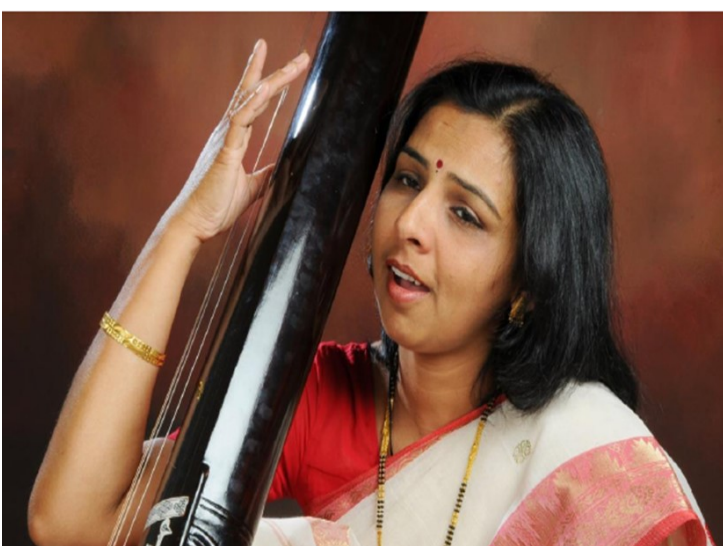
Glimpses of WCE



International Yoga Day : Yoga Teacher, Shri Rajesh Pawaskar for WCE, Sangli-Faculty, Staff and Students at AGC Library Reading Room on **21st June 2017**.



Fitness and yoga organized by IT department on 23rd March 2017



A Classical Music Program A Well-known singer Smt. Manjusha Patil from Kanebua Pratisthan, Sangli for faculty and students at Tilak Hall on 5th April 2017



Mr. Han Id Gun, Mind Education Specialist from **South Korea** delivered a session on "Introduction to Mind Education" on 20th Sept. 2016. WCE faculty and students attended in Tilak Hall.



Dignitaries: Dr. Devanand Shinde, Vice Chancellor, SU, Kolhapur, Shri Sanjay Patil, M.P. Sangli and Member Administrative Council, Shri Ajit Gulabchand, CMD-HCC and Chairman Administrative Council on 26th May 2017



Dr Anil Kakodkar, Shri Sanjaykaka Patil, Shri Dipak Shinde, Shri Shrinivas Patil, Dr. Markandeya, Dr A.V. Sapre, Dr. Yawalkar, Dr. Nandanwar, Shri S.G. Powar were present for 23rd Foundation day at WCE, Sangli on 23rd June 2017



WCE, Sangli has signed an MOU with Samrudhi Technology Business Incubation, Sangli on 30th June 2017 to promote innovation and entrepreneurship.



3DPLM Software Solutions, Pune signed an MOU with WHMT for supporting a Product Innovation Lab at WCE to train faculty and students, and promote interaction with industry.

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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