



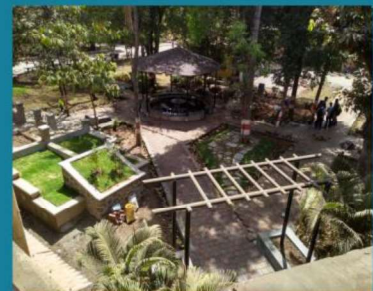
Established in 1947

Walchand College of Engineering

Government Aided Autonomous Institute

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 2021-22

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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. It is one of the oldest Engineering colleges in the state of Maharashtra with 90 acres of land. The college now imparts education for AICTE recognized / approved diploma, degree, postgraduate and Ph.D. courses in engineering. It was only Research Center in engineering till 2004.

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 Postgraduate and Re- search 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 partner with 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 – Late Shri **Dhondumama Sathe** Established **New Engineering College, Sangli**

1955 – Name changed to: **Walchand College of Engineering**

1971 – **First** in Shivaji University, Kolhapur (SUK) area to start **PG programs**

1977 – **Government of Maharashtra** conferred **90% Grant in Aid**

2003 -- First College in SUK to get NBA Accreditation for 5 UG Programs

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

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

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

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

2017 -- Recognized for **TEQIP Phase-III** with Jabalpur College of Engineering, Jabalpur as Partner Institute

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 Corpora- tion 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 several 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 was honoured with the 'Infrastructure Leader of the Year' Award from CNBC TV18.

Prior to Mr. Gulabchand, following dignitaries have served as the chairman of Administrative Council.

| Chairman, Administrative Council | | | |
|----------------------------------|----------------------------|------|---------|
| Sr. No. | Name | From | To |
| 1 | Mr. N. Dandekar | 1956 | 1968 |
| 2 | Seth Lalchand Hirachand | 1968 | 1974 |
| 3 | Seth Bharat G. Doshi | 1974 | 1975 |
| 4 | Seth Lalchand Hirachand | 1975 | 1981 |
| 5 | Mr. M.S. Parkhe | 1981 | 1983 |
| 6 | Seth Vinod L. Doshi | 1984 | 1994 |
| 7 | Justice Mr. B. N. Deshmukh | 1994 | 1996 |
| 8 | Mr. 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 satisfy the technical needs that help develop the country and 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 reference books for every subject and specialized books on various topics, our students find it very easy to develop a research-oriented mindset. 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 vision to the path of glory.



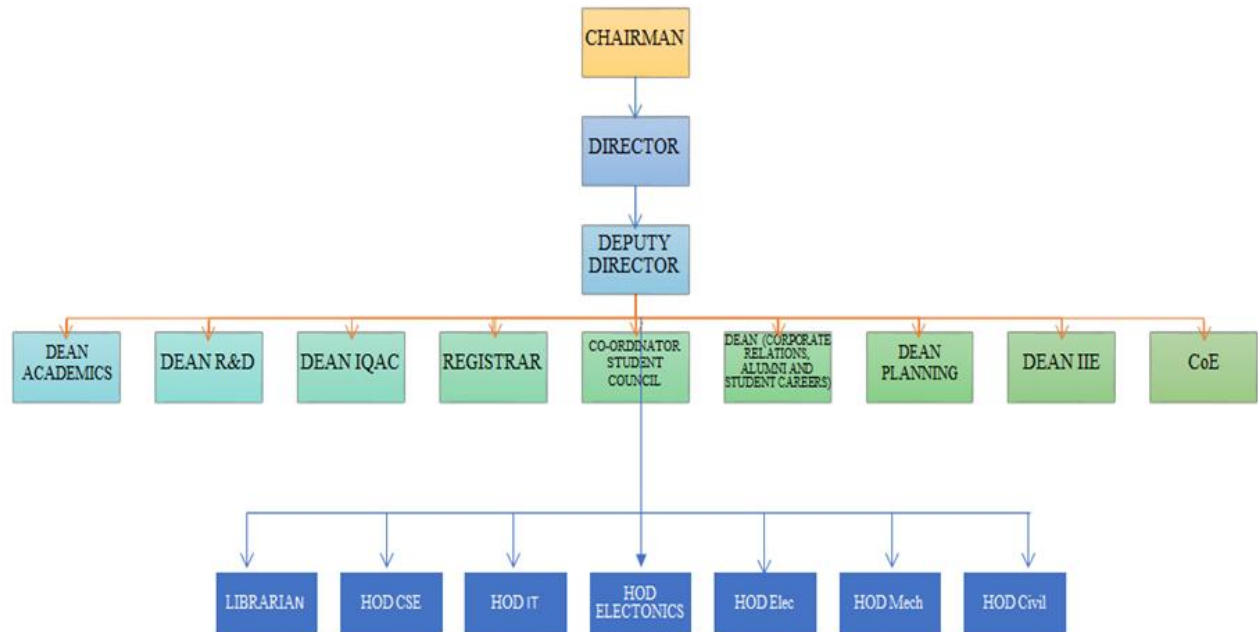
Dr. P. H. Sawant

| Principals at WCE Sangli Before Autonomy | | | | Directors at WCE Sangli After Autonomy | | | |
|--|------------------------|------------|-------------|--|--------------------------|-------------|-------------|
| SN | Name | From | To | SN | Name | From | To |
| 1 | Prof. G.N. Gokhale | 1947 | 1948 | 1 | Dr. N. V. Deshpande | 01-Nov-2006 | 30-Sep-2007 |
| 2 | Prof. K.V. Kardile | 1948 | 1949 | 2 | Prof. A.R. Yardi (I/c) | 01-Oct-2007 | 12-May-2009 |
| 3 | Prof. C.G. Kale | 1949 | 1951 | 3 | Dr. Y. V. Joshi | 13-May-2009 | 1-Jul-2013 |
| 4 | Prof. G.R. Vartak | 1951 | 1955 | 4 | Dr. P. J. Kulkarni (I/c) | 02-Jul-2013 | 25-Feb-2014 |
| 5 | Prof. V.K. Kelkar | 1955 | 1967 | 5 | Dr. G. V. Parishwad | 26-Feb-2014 | 25-Feb-2019 |
| 6 | Prof. G.C. Kanitkar | 1967 | 1975 | 6 | Dr. P. G. Sonavane (I/c) | 26-Feb-2019 | 12-Feb-2020 |
| 7 | Prof. S.D. Pathak | 1975 | 1979 | 7 | Dr. P. H. Sawant | 13-Feb-2020 | Till Date |
| 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 | | | | |

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
 - SU, Kolhapur Nominee
 - GOM Nominee
 - Two Teaching Faculty
 - Director of the institute (Member Secretary)
 - Frequency of Meetings of AC : 4 times in a year

The names of present **Administrative Council** members are given below:

| | | |
|----|---|------------------------------|
| 1 | Mr. Ajit Gulabchand, CMD, HCC, Mumbai | Chairman |
| 2 | Mr. Sanjay kaka 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. Ajeeth Singh, WRO, AICTE, Mumbai | AICTE Ex-Officio, Member |
| 8 | Dr. Rajendra Hiremath | AICTE Nominee |
| 9 | Director Technical Education, Mumbai | DTE, Ex-Officio, Member |
| 10 | Dr. D. V. Jadhav, Jt. Director, Ro, Pune | State Govt Nominee |
| 11 | Dr. Aravind Balan, IISC Bangalore | UGC Nominee |
| 12 | Dr. A. T. Pise, Principal GCOE Karad | Shivaji Uni. Nominee, Member |
| 13 | Dr. P. H. Sawant, Director, WCE, Sangli | Director and Secretary |
| 14 | Mrs. Shalaka Gulabchand Dhavan | Management Invitee |
| 15 | Dr. P. G. Sonavane, Dy. Director, WCE, Sangli | Faculty representative |
| 16 | Dr. D. B. Kulkarni, Professor, Info. Tech. 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 2020-21 on following dates:

| SN | Meeting No. | Date | Location | Attendance |
|----|-------------|------------|----------------------|------------|
| 1 | 234 | 18/08/2021 | Online Mode | 11 |
| 2 | 235 | 30/11/2021 | Hotel Oberoi, Mumbai | 8 |
| 3 | 236 | 24/02/2022 | Online Mode | 11 |

The next Important Committee is **College Development Committee**: to support and guide the Institute locally. The names of present **College Development Committee** are given below:

| Constitution by post | Function |
|---|---|
| <p><u>Chairman:</u> Shri. Shriniwas Patil</p> <p><u>Members:</u> Shri Ravindra P. Purohit Shri Suresh A. Patil Shri Sachin R. Menon Dr. Smt. Sushma S. Kulkarni Shri Vasant R. Manwadkar Dr. Krishnakedar S. Gumaste Dr. Shrirang N. Tande</p> <p><u>Elected faculty & Staff Members:</u> Dr. Sunil G. Tamhankar Shri Pravin A. Mane Smt. Prerna N. Savgave Shri Sanjivkumar S. Kulkarni, Non-teaching staff</p> <p><u>Students Representative</u> Miss. Amruta Y. Patil Md. Gulfam Arzoo</p> <p><u>Member Secretary</u> Dr. Priyadarshi H. Sawant, Director</p> <p><u>Invitee</u> Dr. Pratap G. Sonavane</p> | <ul style="list-style-type: none"> - To recommend to the higher authorities the schemes for better functioning and governance of the college - To prepare & recommend, financial budget of the college for approval from higher authorities - To recommend, filling of teaching and non-teaching positions to higher authorities - Frequency of meeting: Twice a year |

The details of meetings held during 2021-22 are as follows:

| SN | Meeting No. | Date | Location | Attendance |
|----|-----------------|------------|-------------|------------|
| 1 | 4 th | 22/03/2021 | WCE, Sangli | 14 |

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

In addition to the above two committees 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, Equipment Committee and HR Development Committee which were approved by the Administrative Council in the Meeting No. 229 Dated. 5th December 2019. The sub-committees are as follows:

| | |
|------------------------------------|--|
| 1. Finance Committee | |
| 1. Chairman of the Council | Shri Ajit Gulabchand |
| 2. DTE or his nominee | Dr. Abhay E. Wagh |
| 3. RO- AICTE or his nominee | Dr. Ajeeth Singh |
| 4. Nominee of MTES | Shri Deepak A. Shinde |
| 5. Member | Shri R. P. Purohit |
| 6. Member | Shri Chakor Gandhi |
| 7. Member Secretary | Director |
| 2. Building Committee | |
| 1. Chairman of the Council | Shri Ajit Gulabchand |
| 2. DTE or his nominee | Dr. Abhay E. Wagh |
| 3. RO- AICTE or his nominee | Dr. Ajeeth Singh |
| 4. Exec. Engineer, PWD, Sangli | Shri Devendra Jadhav |
| 5. Outside Expert Member | Dr. V. N. Gupchup |
| 6. Head, Civil Dept | Ex-Officio |
| 7. Head, Structural Dept. | Ex-Officio |
| 8. Member Secretary | Director |
| 3. Equipment Committee | |
| 1. Chairman of the Council | Shri Ajit Gulabchand |
| 2. DTE or his nominee | Dr. Abhay E. Wagh |
| 3. RO- AICTE or his nominee | Dr. Ajeeth Singh |
| 4. HOD of concerned Dept. | Civil/Mech/Elec/EIn/CSE/IT |
| 5. Member | Shri R. P. Purohit |
| 6. Member Secretary | Director |
| 4. HR Development Committee | |
| 1. Chairman of the Council | Shri Ajit Gulabchand / Dr. V. N. Gupchup |
| 2. DTE or his nominee | Dr. Abhay E. Wagh |
| 3. RO- AICTE or his nominee | Dr. Ajeeth Singh |
| 4. HR Expert | Dr. U. N. Gaitonde |
| 5. Member | Shri R. P. Purohit |
| 6. Member | Dr. A. T. Pise |
| 7. Member Secretary | Director |

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 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

- College Development Committee (CDC) acts as bridge between management and institute.

Key Functionaries at the Institute level:

| | |
|-------------------------|-------------------------------------|
| Prof. Dr. P. H. Sawant | Director |
| Prof. Dr. P.G. Sonavane | Dy. Director |
| Dr. V. B. Dharmadhikari | Dean-Academics |
| Dr. D. S. More | Dean-Research & Development |
| Dr. M. M. Khot | Chairman, SFC |
| Mr. S.B. Dhaigude | TPO |
| Prof. Dr. S. N. Tande | HOD-Civil Engineering |
| Dr. K. H. Inamdar | HOD-Mechanical Engineering |
| Dr. R. P. Hasbe | HOD-Electrical Engineering |
| Dr. Smt. A. A. Agashe | HOD-Electronics Engineering |
| Dr. Smt. M. A. Shah | HOD-Computer Science Engineering |
| Dr. A. J. Umbarkar | HOD-Information Technology |
| Dr. M. H. Pendse | FY Coordinator |
| Dr. S. B. Kadam | Registrar |
| Dr. P. K. Kharat | Controller of Examinations |
| Dr. S. U. Sapkal | Chief Rector |
| Dr. S. G. Tamhankar | PG & Finance Co-ordinator |
| Mr. A. V. Kamble | I/c Vice Principal Polytechnic Wing |
| Mr. S. B. Agawane | I/c Librarian |

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 2021-22

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

| Sr. No. | 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

Intake and Status of NBA Accreditation: PG Programs

| Sr. No. | PG Programs | Start Year | Current Intake | 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

Admissions Details of AY 2021-22:

Admissions to the four-year B.Tech. for the academic year 2021-22 were made along with the other autonomous institutions in the state based on MHCET. 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 2021-22 (GOPENS):

| SN | Branch | Mechanical | Electrical | Civil | IT | Electronics | CSE |
|----|-----------------|----------------|----------------|----------------|---------------|---------------|---------------|
| 1 | COE Pune | 1792 98.71 | 1296 99.06 | 3658 97.50 | -- | -- | 296 99.74 |
| 2 | VJTI Mumbai | 1860 98.66 | 2037 98.54 | 5551 99.31 | 242 99.79 | 1134 99.15 | 105 99.89 |
| 3 | SP Mumbai | 4635 96.88 | 5306 96.44 | 9362 93.86 | -- | -- | -- |
| 4 | WCE Sangli | 5918 96.07 | 6347 95.79 | 10253 93.27 | 1649 98.80 | 3275 97.76 | 1139 99.15 |
| 5 | GCOE Aurangabad | 29449 80.55 | 21747 85.76 | 24742 83.69 | 6371 95.75 | -- | 3841 97.38 |
| 6 | GCOE Amaravati | 26223 82.73 | 21196 86.01 | 21691 85.79 | 7935 94.74 | -- | 5592 96.27 |
| 7 | SGGS Nanded | 35290 76.15 | 26034 82.93 | 34073 77.31 | 9157 93.99 | -- | 7284 99.17 |
| 8 | GCOE Karad | 18308 88.00 | 19627 87.22 | 20977 86.22 | 5707 96.20 | -- | -- |

PG Admissions at WCE, Sangli for 2021-22

| SN | Branch | Intake | Filled | GATE | % GATE |
|----|------------------------------|------------|-----------|-----------|--------------|
| 1 | Civil-Environmental | 18 | 16 | 0 | 0 |
| 2 | Civil-Structural | 30 | 33 | 9 | 27.27 |
| 3 | Mechanical-Design | 30 | 16 | 1 | 6.25 |
| 4 | Mechanical-Heat Power | 18 | 00 | 0 | 0 |
| 5 | Mechanical-Production | 30 | 01 | 0 | 0 |
| 6 | Electrical-Power Systems | 18 | 05 | 0 | 0 |
| 7 | Electrical-Control Systems | 18 | 00 | 0 | 0 |
| 8 | Electronics | 30 | 06 | 0 | 0 |
| 9 | Computer Science Engineering | 30 | 06 | 0 | 0 |
| 10 | Information Technology | 18 | 00 | 0 | 0 |
| | Total | 240 | 83 | 10 | 12.04 |

| Admission Details of UG 2021-22 | | | |
|---------------------------------|--------------|--------------|------------|
| Branch | Male | Female | Total |
| Civil | 50 | 19 | 69 |
| Mechanical | 50 | 18 | 68 |
| Electrical | 46 | 24 | 70 |
| Electronics | 47 | 20 | 67 |
| CSE | 77 | 38 | 115 |
| IT | 49 | 18 | 67 |
| Total | 319 | 137 | 456 |
| Percentage | 69.95 | 30.05 | 100 |
| R. Category | 147 | 67 | 214 |
| Percentage | 68.69 | 31.31 | 100 |

| Admission Details of PG 2021-22 | | | |
|---------------------------------|--------------|--------------|------------|
| Branch-Specialization | Male | Female | Total |
| Civil-Environmental | 8 | 8 | 16 |
| Civil-Structural | 23 | 10 | 33 |
| Mechanical-Heat Power | 00 | 00 | 00 |
| Mechanical-Production | 01 | 00 | 01 |
| Mechanical-Design | 12 | 4 | 16 |
| Electrical-Power System | 01 | 04 | 05 |
| Electrical-Control System | 00 | 00 | 00 |
| Electronics | 01 | 05 | 06 |
| CSE | 03 | 03 | 06 |
| CSE - IT | 00 | 00 | 00 |
| Total | 49 | 34 | 83 |
| Percentage | 59.03 | 40.96 | 100 |
| Reserved Category | 19 | 18 | 37 |
| Percentage | 51.35 | 48.64 | 100 |

Year wise Total Strength of Students:

| Branches | 2018-19 | | | 2019-20 | | | 2020-21 | | | 2021-22 | | |
|-------------|---------|----|-----|---------|----|-----|---------|----|-----|---------|----|-----|
| | UG | PG | PhD | UG | PG | PhD | UG | PG | PhD | UG | PG | PhD |
| Civil | 68 | 48 | | 72 | 49 | | 75 | 52 | | 69 | 49 | |
| Mechanical | 65 | 73 | | 71 | 61 | | 73 | 50 | | 68 | 17 | |
| Electrical | 63 | 32 | | 70 | 24 | | 68 | 32 | | 70 | 5 | |
| Electronics | 63 | 29 | | 70 | 17 | | 67 | 7 | | 67 | 6 | |
| CSE | 103 | 30 | | 111 | 19 | | 108 | 11 | | 115 | 6 | |

| | | | | | | | | | | | | |
|--------------|------------|------------|--|------------|------------|--|------------|------------|--|------------|-----------|--|
| IT | 64 | 3 | | 71 | 0 | | 74 | 4 | | 67 | 0 | |
| Total | 426 | 215 | | 465 | 172 | | 465 | 156 | | 456 | 83 | |

Analysis of FY UG Students (Gender and Category-wise)

| Branch | 2018-19 | | | 2019-20 | | | 2020-21 | | | 2021-22 | | |
|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | M | F | Total | M | F | Total | M | F | Total | M | F | Total |
| Civil | 46 | 22 | 68 | 51 | 21 | 72 | 55 | 20 | 75 | 50 | 19 | 69 |
| Mechanical | 49 | 16 | 65 | 53 | 18 | 71 | 57 | 16 | 73 | 50 | 18 | 68 |
| Electrical | 48 | 15 | 63 | 48 | 22 | 70 | 45 | 23 | 68 | 46 | 24 | 70 |
| Electronics | 41 | 22 | 63 | 44 | 26 | 70 | 47 | 20 | 67 | 47 | 20 | 67 |
| Computer | 72 | 31 | 103 | 80 | 31 | 111 | 77 | 31 | 108 | 77 | 38 | 115 |
| Info. Tech. | 48 | 16 | 64 | 51 | 20 | 71 | 55 | 19 | 74 | 49 | 18 | 67 |
| Total | 304 | 122 | 426 | 327 | 138 | 465 | 336 | 129 | 465 | 319 | 137 | 456 |
| Percentage | 71.36 | 28.63 | 100 | 70.32 | 29.67 | 100 | 72.25 | 27.74 | 100 | 69.95 | 30.04 | 100 |
| Reserved Category | 168 | 61 | 229 | 148 | 69 | 217 | 129 | 52 | 181 | 147 | 67 | 214 |
| Percentage | 73.36 | 26.63 | 100 | 68.20 | 31.79 | 100 | 71.27 | 28.72 | 100 | 68.69 | 31.30 | 100 |

| Dept. | Program | Current Intake | No. of Admitted Students | | | | |
|--------------|------------------------------|----------------|--------------------------|------------|------------|------------|-----------|
| | | | M. Tech. | PG | 2018-19 | 2019-20 | 2020-21 |
| Civil | Environmental Engineering | 18 | | 18 | 17 | 20 | 16 |
| | Structural Engineering | 30 | | 30 | 32 | 321 | 33 |
| Mechanical | Design Engineering | 30 | | 30 | 30 | 32 | 16 |
| | Heat and Power | 18 | | 18 | 11 | 8 | 0 |
| | Production Engineering | 30 | | 25 | 20 | 10 | 1 |
| Electrical | Power Systems | 18 | | 18 | 13 | 17 | 5 |
| | Control Systems | 18 | | 14 | 11 | 15 | 0 |
| Electronics | Electronics | 30 | | 29 | 17 | 7 | 6 |
| CSE | Computer Science Engineering | 30 | | 30 | 19 | 11 | 6 |
| IT | Information Technology | 18 | | 3 | 0 | 4 | 0 |
| Total | | 240 | | 215 | 172 | 156 | 83 |

Analysis of PG Students Admitted

| Year | Intake | Admitted | | GATE Qualified | |
|---------|--------|----------|--------|----------------|--------|
| | | Male | Female | Male | Female |
| 2017-18 | 240 | 159 | 69 | 112 | 19 |
| 2018-19 | 240 | 140 | 75 | 98 | 18 |
| 2019-20 | 240 | 114 | 58 | 65 | 5 |
| 2020-21 | 240 | 100 | 56 | 35 | 16 |
| 2021-22 | 240 | 49 | 34 | 8 | 2 |

Organization and Governance

Academic Practices

1. 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
2. Conduct of MSE and ESE, result processing, result analysis by Examination cell under the guidance of Controller of Examination, (COE).
3. Internal and external Academic quality audits coordinated by Dean QA and IQAC cell
 - E-course book
 - Question paper audit
 - Course delivery
3. Biometric attendance system for faculty, staff and students
4. Close monitoring of academic activities as per Academic Calendar
5. Various Deans with HODs 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 2021-22:

| | Sanctioned | Regular | Ad-hoc | Total |
|---------------------------|------------|-----------|-----------|------------|
| Degree Faculty | | | | |
| Professor | 8 | 7 | 2 | 9 |
| Associate Prof. | 19 | 9 | 2 | 11 |
| Assistant Prof. | 63 | 48 | 51 | 99 |
| Total Faculty | 90 | 64 | 55 | 119 |
| Diploma Faculty | | | | |
| Vice Principal | 1 | 0 | 0 | 0 |
| HOD | 4 | 1 | 0 | 1 |
| Lecturer | 35 | 21 | 0 | 21 |
| TPO | 1 | 0 | 0 | 0 |
| Total Faculty | 41 | 22 | 0 | 22 |
| Non-Teaching Staff | | | | |
| Technical | 64 | 40 | 16 | 56 |
| Class IV | 91 | 35 | 8 | 43 |
| Administrative | 47 | 24 | 9 | 33 |
| Total Staff | 202 | 99 | 33 | 132 |

Faculty (Cadre) Faculty position: 2020-21

| Positions | Teaching Faculty | | | | | | Non-teaching Staff | | Technical | |
|-----------------------------------|------------------|---|---------------------|---|---------------------|----|--------------------|---|-----------|---|
| | Professor | | Associate Professor | | Assistant Professor | | M | F | M | F |
| | M | F | M | F | M | F | | | | |
| Sanctioned posts | 8 | | 19 | | 63 | | 138 | | 64 | |
| Recruited (Regular + Contractual) | 7 | 2 | 9 | 2 | 71 | 28 | 67 | 9 | 55 | 1 |
| Total | 9 | | 11 | | 99 | | 76 | | 56 | |

Faculty Diversity: 70-75% from WCE, 25 – 30% from other colleges in Maharashtra or other states
Visiting faculty: 5 to 10%

1.4 Faculty qualifications:

Faculty Qualification Regular Faculty position: 2020-21

| | PhD | | | PG+UG | | | Total | | | Total |
|--------------|-----------|----------|-----------|-----------|----------|-----------|-----------|----------|-----------|-----------|
| | P | AsP | AP | P | AsP | AP | P | AsP | AP | |
| Civil | 3 | 2 | 5 | 0 | 0 | 2 | 3 | 2 | 7 | 12 |
| Mech | 2 | 2 | 3 | 0 | 0 | 5 | 2 | 2 | 9 | 13 |
| Elec | 0 | 1 | 2 | 0 | 1 | 5 | 0 | 2 | 7 | 9 |
| EIn | 1 | 2 | 3 | 0 | 0 | 4 | 1 | 2 | 7 | 10 |
| CSE | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 5 | 5 |
| IT | 1 | 1 | 4 | 0 | 0 | 2 | 1 | 1 | 6 | 8 |
| PCM | 0 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 7 | 7 |
| Total | 7 | 8 | 23 | 0 | 1 | 24 | 7 | 9 | 48 | 64 |
| Total | 38 | | | 25 | | | 64 | | | |

1.5 Library and Laboratory Facilities, Infrastructural Development:

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

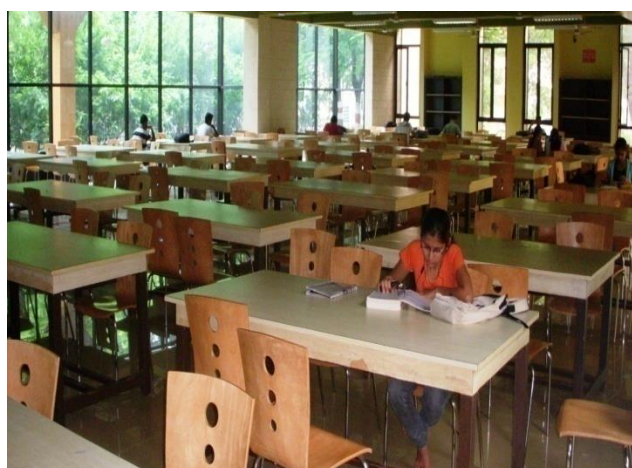
- **State of art Building** with excellent ambience
- **Enough** Reading and stacking space
- **Rich collection** of print and digital material
- **Rich collection** of bound volumes of periodical [first issue 1919]
- Rich **book bank Scheme**
- Round the clock **study room** and **digital library**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

Ajit Gulabchand Central Library Collection

| S.N. | Title | Quantity |
|------|-------------------------------|---|
| 1. | Books | Text & Reference Book-56592 + Book Bank Books-38412 + Bound Volume 13064= Total Books-108068 |
| 2. | Print journals and Magazines | 124 |
| 3. | E- Journals and E-books | eJournals-275 (including 213 IEEE, 33 ASME, 36 ASCE) & nlist- 6000 eBooks-2325 |
| 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-3338 & DVD-563 |



Ajit Gulabchand Central Library



Reading Room



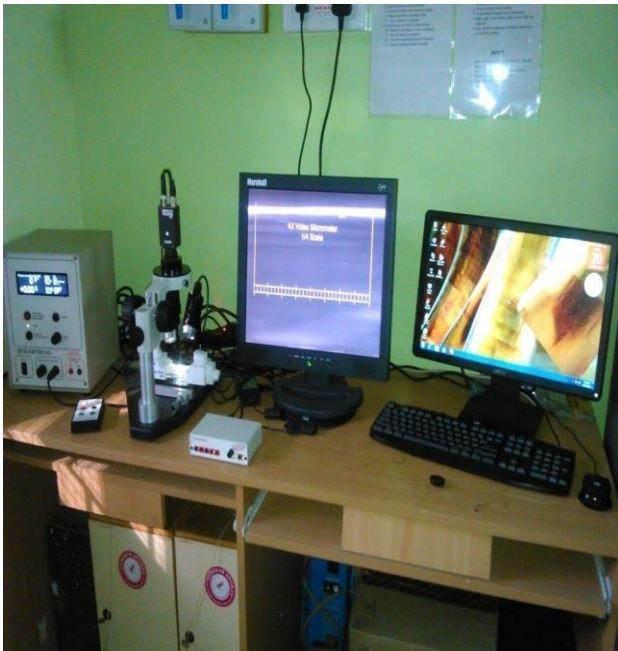
Library Internal view

As the institute is 70-year-old many institute facilities such as class rooms, hostels, laboratories, Internal Roads, Sport Facilities needed renovation to improve the Infrastructure.

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.8.6 Crores 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. 12.5 Crores** (2012-16) of Funding to develop the PG and Research infrastructure. The Institute utilized **Rs. 5.68 Crores** of funds to purchase the research equipment. Some of the major equipment purchased during this period are as follows:



Zeta Meter, USA (Rs.17.5 Lacs)



Total Station (Rs.3.7 Lacs)

Advanced Manufacturing (AML)/CNC Lab



Total Investment Rs. 1.23 Crore

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



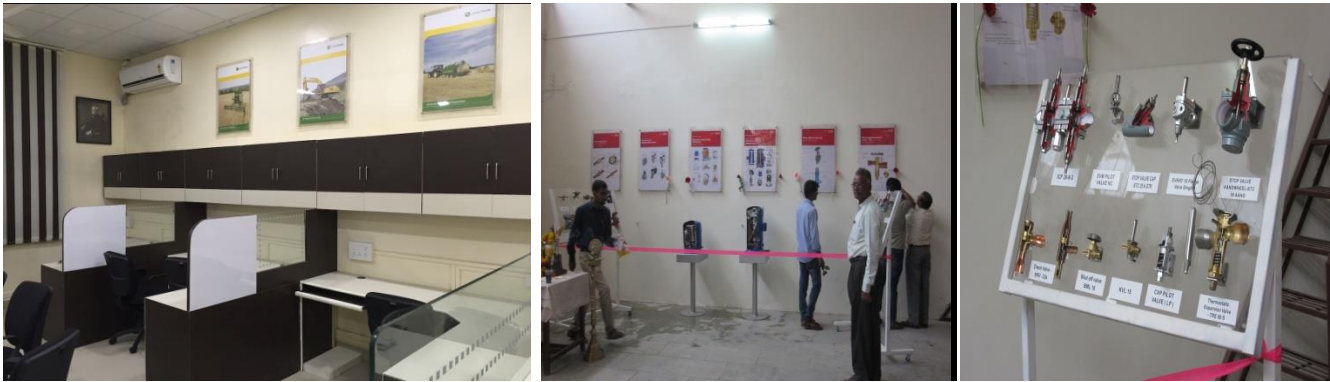
Micro Machining Centre: Rs. 32.36 L



Vector Controlled Induction Motor Drives: Rs 4.25 L



Gas Chromatograph Rs. 10 L



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. Photographs 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

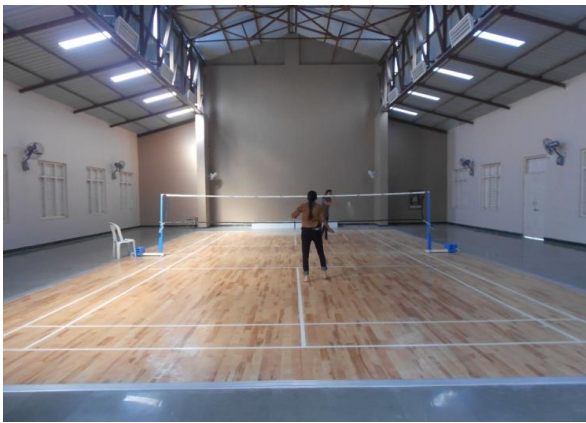


Microprocessor Lab

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. 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 Wooden **Badminton Court** (Vartak Hall) and fully equipped **Gymnasium**



Carrom and Table Tennis

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





Jogging Track and Large Cricket, Hockey and Football Ground



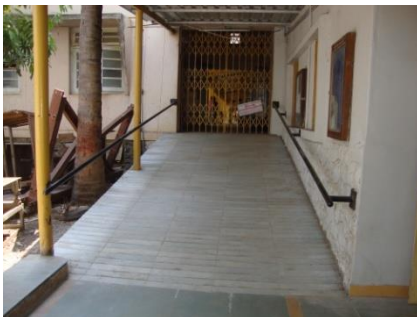
Basket Ball, Kho-Kho facility



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 few students are Physically Handicapped. Most of the Classrooms and Laboratories are on the Ground Floor, for which ramps are provided at places such as Library, Quadrangle, Main Administrative Buildings, etc. The photographs of these Ramps are given below:



Ramp in Quadrangle-Civil Dept Ramp in Main Building Ramp in Main Building Entrance



Ramp facility at the right side of the Central Ajit Gulabchand Library

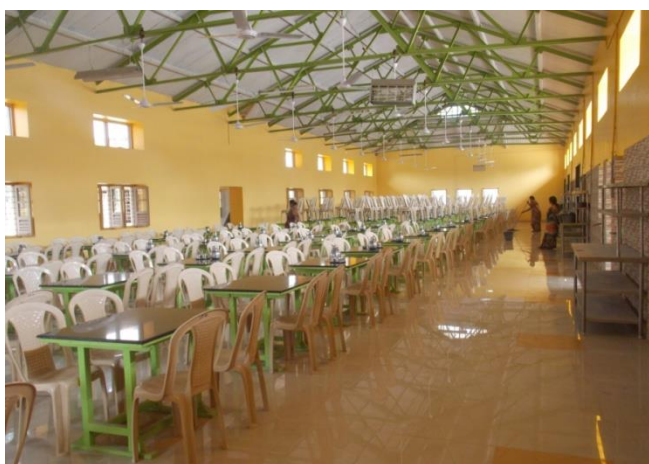
The Administrative Office and a few Laboratories of IT and Electronics Department are on the First Floor. It is planned to provide a lift in the Main building for the benefit of Physically Handicapped students.

Other Facilities

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



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



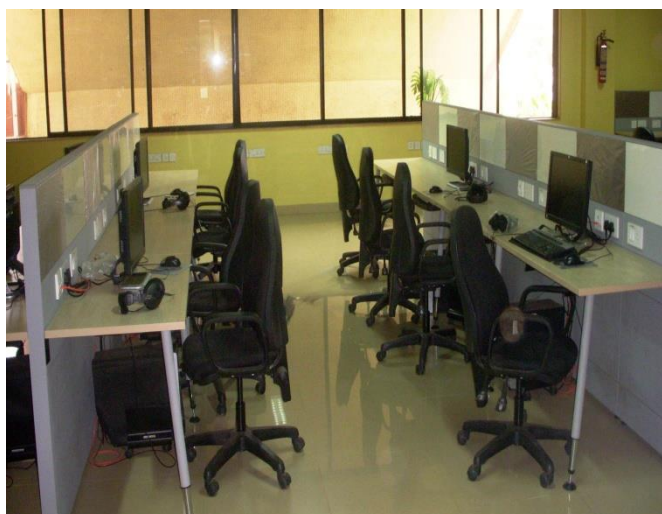
Renovated **Girls Mess** with capacity of 250 and **Canteen** with at time capacity of 60 students and 25 faculty provides subsidized food



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



Statue of Goddess of knowledge Mata Saraswati in front of Central AGC Library and lush Green Campus

2. RESEARCH, PROFESSIONAL PRACTICE & COLLABORATIVE PERFORMANCE

Promotion of Research

Research Committee

- Review of Ph. D. progress (twice a year)
- Phase wise progress: Department level (HOD, Chairman)
- Pre-submission seminar: Institute level(Chairman: Director, Member Secretary : Dean R&D, External Faculty)
- Review of funded research projects (once a year)
- Once a year: Institute level (Chairman: Dean R and D)

Research Culture

- Deputation under QIP and CTS
- Financial support for tuition fees for part time Ph.D. candidates
- Financial support for registration fees and inland /abroad travel for paper presentation at conferences
- QIP minor research center
- Registration fees for filing patents.
- Encouragement for applying for research proposals and publishing papers.
- Provision of 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

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

Electrical Engineering

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

Electronics Engineering

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

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

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

| Department | No. of Papers | Books |
|------------------|---------------|-----------|
| Civil | 15 | 4 |
| Mechanical | 52 | - |
| Electrical | 35 | 2 |
| Electronics | 11 | 1 |
| Comp. Science | 13 | - |
| Info. Technology | 8 | 8 |
| General Science | 4 | - |
| Total | 138 | 15 |

Details of Research Papers:

| SN | Type of Publication | Title of Paper | Names of Authors | Journal / Conference Details | Date of Publication |
|-------------------------------------|-----------------------|--|------------------|--|---------------------|
| Civil Engineering Department | | | | | |
| 01 | International Journal | Thermo-mechanical treatment of sugarcane bagasse ash with very high LOI: A pozzolanic paradigm | Mali. A. K. | Construction and Building Materials, 288, 122988, Elsevier Ltd. | June 2021 |
| 02 | International Journal | Framework for investigations on variability in characteristics and pozzolanic reactivity of sugarcane bagasse ash during the crushing period, | Mali. A. K. | ASCE Journal of Materials in Civil Engineering, 33 (12), 04021346. | Sept. 2021 |
| 03 | International Journal | Comminution - A supplementation for pozzolanic adaptation of sugarcane bagasse ash | Mali. A. K. | ASCE Journal of Materials in Civil Engineering, 33 (12), 04021343. | Sept. 2021 |
| 04 | International Journal | Novel pseudo-dynamic closed-form solution for individual nail force in nailed vertical cut | Kokane A. K. | International Journal of Geosynthetics and Ground Engineering, (https://doi.org/10.1007/s40891-021-00294-7) | July 2021 |
| 05 | International Journal | Field-scale decentralized domestic wastewater treatment system: Effect of dynamic loading conditions on the removal of organic carbon and nitrogen | Munavalli G. R. | Journal of Environmental Management 302 (2022) 114014 https://doi.org/10.1016/j.jenvman.2021.114014 | 2022 |
| 06 | International Journal | Development and Assessment of Integrated Portable Water Treatment System (IPWTS) | Munavalli G. R. | J. Environ. Treat. Tech. ISSN: 2309-1185 Journal web link: https://dormaj.org/index.php/jett https://doi.org/10.47277/JETT/10(1)54 | 2022 |
| 07 | International Journal | Nail Forces and Locus of Maximum Tension of Nailed Cut Subjected to Seismic Excitations: A Calculus Approach with Log-Spiral Failure Surface | Kokane A. K. | ASCE - International Journal of Geomechanics (https://doi.org/10.1061/(ASCE)GM.1943-5622.0002213) | November 2021 |
| 08 | International Journal | Innovative Gravity Fed Clay Candle Filter with Enhanced Rate of Filtration for Turbidity Removal | Munavalli G. R. | SPECIALUSIS UGDYMAS / SPECIAL EDUCATION 2022 1 (43) | 2021 |

| | | | | | |
|----|--------------------------|---|------------------|---|------------|
| 09 | International Journal | Simulation and reaction parameter estimation in subsurface flow constructed wetland for greywater treatment | Munavalli G. R. | Applied Water Science (2022) 12:101 https://doi.org/10.1007/s13201-022-01607-5 | 2021 |
| 10 | International Journal | User-Based Fuzzy End-Use Modelling of Indoor Urban Residential Water Demand | Gumaste K. S. | Building Services Engineering Research and Technology (BSE) 21.4.2022, Vol 0(0) 1-10 https://doi.org/10.1177/01436244221085916 SAGE Publications Ltd., London, UK, 1.966 Impact Factor, 5-Year Impact Factor 1.845 | 2021 |
| 11 | National Journal | Simulation and parameter estimation in anaerobic baffled reactor for removal of COD | Munavalli G. R. | Journal of Indian Water Works Association, July-September, 2021, LIII(3), 226-231 | Sept. 2021 |
| 12 | International Conference | Hydraulic Assessment and Calibration of Water Distribution System - A Case Study | Kavathekar B. R. | International e-Conference on Water Source Sustainability jointly organized by Indian Water Resources Society and Department of Water Resources Development and Management, IIT Roorkee | June 2021 |
| 13 | International Conference | Treatment of Domestic Wastewater from Hospital by using Advanced Oxidation Process: A Case Study | Wagh C. H. | ITechCET 2021 (International Conference on Research Advances in Engineering and Technology) | 2021 |
| 14 | National Conference | Water Audit of an Academic Institute: A case Study | Bhosale G. M. | National Conference on Sustainable Environment: Challenges and Opportunities organized by Centre for Continuing Education, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar | Sept. 2021 |
| 15 | National Conference | Water Audit of an Academic Institute: A case Study | Kavathekar B. R. | National Conference on Sustainable Environment: Challenges and Opportunities organized by Centre for Continuing Education, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar | Sept. 2021 |

| SN | Type of Publication | Title of Paper | Names of Authors | Journal / Conference Details | Date of Publication |
|--|-----------------------|---|---|--|---------------------|
| Mechanical Engineering Department | | | | | |
| 1 | International Journal | Free Vibration Analysis of Hybrid Laminated Composite Plate | Bajirao B. Lamkhade, Nikita S. Nagmoti, Maruti Khot | International Journal for Research in Applied Science & Engineering Technology (IJRASET), IJRASET37070, Volume 9, Issue VII, July 2021 | July 2021 |
| 2 | International Journal | A Review paper on the usage of Image Processing for Measurements of Gear Parameters | Yogesh D. Chaudhary, Prof. J. M. Dabir | International Research Journal of Engineering and Technology (IRJET) | July 2021 |
| 3 | International Journal | Study of Buckling analysis of composite plate | Shubham Ankolikar, Nikita Nagmoti, Maruti Khot | International Journal of Creative Research Thoughts, IJCRT, Volume 9, Issue 8 August 2021 | August 2021 |
| 4 | International Journal | Study of Different Factors Affecting T Bolt Failure of Band Clamp | Utkarsha M. Gadade, Prabhakar D. Maskar | International Journal of Engineering Research & Technology (IJERT) Vol. 10 Issue 08, August-2021 | August-2021 |
| 5 | International Journal | A Review on Mechanical Motion Rectifier for Energy Harvesting | Sagar Suryawanshi, Prabhakar D. Maskar | International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 9 Issue VIII Aug 2021 | August 2021 |
| 6 | International Journal | Explicit Dynamic Analysis of Mechanical Motion Rectifier Used for Energy Harvesting | Sagar Suryawanshi, Prabhakar D. Maskar | International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 08 Aug 2021 | August 2021 |
| 7 | International Journal | Design of Axial Magnetic Coupling for Compressor | Dr. Maruti M. Khot, Saad R. Shikalgar | International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 9 Issue VII | July 2021 |
| 8 | International Journal | Design of variable frequency drive to control power and speed of a compressor. | Maruti Khot, Sachin Koli | International Journal of Creative Research Thoughts, IJCRT Volume 9, Issue 7 July 2021 ISSN: 2320-2882 | July 2021 |
| 9 | International Journal | Design of non-contact type axial bearing using cylindrical | Maruti Khot, Vinay Thorat, | International Journal of Creative Research | July 2021 |

| | | | | | |
|----|-----------------------|---|---|---|-------------|
| | | Permanent magnets. | | Thoughts, IJCRT Volume 9, Issue 7 July 2021 ISSN: 2320-2882 | |
| 10 | International Journal | Simulation of Semi Active Suspension of Half Car Model using Fuzzy Logic Controller | Saurabh Aswale, N. S. Nagmoti, M. M. Khot | International Journal of Creative Research Thoughts, IJCRT Volume 9, Issue 8 August 2021 ISSN: 2320-2882 | August 2021 |
| 11 | International Journal | Optimization of Parameters to Investigate the Effect of Annealing Heat Treatment on SS431 Grade Martensitic stainless Steel Material Using JmatPro Software | Pranay D Survase, Abhinandan B Admuthe | International Journal of Creative Research Thoughts, IJCRT Volume 9, Issue 7 July 2021 ISSN: 2320-2882 | July 2021 |
| 12 | International Journal | Analysis of Process Parameters during Quenching and Tempering Heat Treatment for SS431 Grade Martensitic Stainless Steel using JMAT Pro Software | Sudhir B. Wagh, Abhinandan B. Admuthe | International Journal of Creative Research Thoughts, JETIR July 2021, Volume 8, Issue 7 | July 2021 |
| 13 | International Journal | Structural Design Optimization of Knee Replacement Implants | Chetan C. Nashte, Dr. M.M. Khot | Journal of Emerging Technologies and Innovative Research (JETIR), July 2021, Volume 8, Issue 7 | July 2021 |
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| Electrical Engineering Department | | | | | |
| 1 | International Conference | Analysis of An Asymmetrical Cascaded HBridge Nine Level Inverter with Fuzzy Logic Controller | Nikita Sunil Kamble and Dr. Ramchandra P. Hasabe | International Conference on Robotics, Communication Technology, Electronics, and Electrical Engineering (ICRRCTEEE), Venue at Pune on 1th | August 2021 |
| 2 | International Conference | Comparison of Control Strategies for Energy Management in Photovoltaic or Battery Hybrid Distributed Power Generation System | Akanksha S. Karlekar and Dr. Ramchandra P. Hasabe | Second International Conference on Electronics and Communication (ICOSEC 2021) ICOSEC 2020 Publication @ IEEE. Venue at Kongunadu College of Engineering and Technology, Tamilnadu, India | October 2021 |
| 3 | International Conference | Sliding Mode Controlled Three Phase Dynamic Voltage Restorer for Protection of Sensitive Load | Kapil Jagtap and Dr. Ramchandra P. Hasabe | Conference on Robotics, Communication Technology, Electronics, and Electrical Engineering (ICRRCTEEE), Venue at Pune | September 2021 |
| 4 | International Conference | Comparative Analysis of PWM Techniques for Novel Multilevel Inverter | Mrs. Seema P. Diwan, Prajakta D. Patil, | International Conference on Robotics, Communication Technology, Electronics and Electrical Engineering, | August 2021 |
| 5 | International Conference | Wellhead Surveillance and Shutdown System Using SIL Controller | Apurva A Bhagwat and D. S. More | Asian Conference on Innovation in Technology (ASIANCON) Pune | August 2021 |
| 6 | International Conference | Implementation of EPLL based PWM rectifier for charging station using co-simulation approach | P. M. Joshi, S. S. Karvekar | ICAIS, Coimbatore | Feb 2022 |
| 7 | International Conference | Design of Integral Sliding Mode Controller for Speed Control of Induction Motor | Shreya Yadav, Sushil Karvekar | 2022 2nd International Conference on Intelligent Technologies, Hubli India, doi:10.1109/CONIT55038.2022.9847959 | June 2022 |

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| 15 | International Journal | Review on DC micro-grid & decentralized approach | Mahesh Abdare, A. S. Karvekar | IJRASET | August 2021 |
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| 18 | International Conference | SOC Control of Lithium-ion Battery Using Fuzzy Logic Controller and PID Controller Employed in DC Micro Grid | Mr. Sushil Karvekar and Ms Priyanka Wagh | IEEE 2 nd CONIT 2022. | 2021-22 |
| 19 | International Journal | Power quality of grid connected wind energy system by using STATCOM | Mr. M. S. Mahagaonkar | Journal of controller and Converters Vol.7 issue 1 - | April 2022 |
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| 21 | International Conference | STATCOM Based Reactive Power Compensation in Grid Connected Solar System | Mrs. A. A. Dhamangaonkar, Rishikesh Degaonkar | 2nd International Conference on Intelligent Technologies (CONIT2022) | June 2022 |
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| 30 | International Conference | Fuzzy-Logic Based INC MPPT Method for Photovoltaic Systems | Mr. A. K. Koshti, Sumitsingh Chopdar | IEEE CONIT 2022 | June 2022 |
| 31 | International Journal | PI & MPC Controller Implementation To BESS For Islanded Mode Operation Of Microgrid | Mr. A. N. Inamdar, | GIS Science Journal, Volume 9, Issue 6, 2022 1 ISSN NO: 1869-9391 | May 2022 |
| 32 | International Journal | Adaptive Cruise Control System for Vehicle using Model Predictive Control Algorithm | Mr. A. N. Inamdar, | International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 | May 2022 |
| 33 | International Journal | Solar and Grid Powered Electric Vehicle Charging Station Control by Programmable Logic controller | Mr. A. N. Inamdar | JETIR ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 9 Issue 7 , July-2022 | May 2022 |
| 34 | International Journal | Comparative Analysis of THD By Using Various Controller | Mr. A. N. Inamdar | IJRAR UGC Approved - Journal No : 43602 Volume 9 Issue 3 July 2022 | May2022 |
| 35 | International Journal | Comparative Study of HBRPC With Shunt Active Power Filter For High- Speed Railway Traction Supply System | Mrs. Amaraja Dhamangaonkar, Mr. Shubham Sanjay Otari | International Journal of Creative Research Thoughts, Volume 10, Issue 6 June 2022 ISSN: 2320-2882 | June 2022 |

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| Electronics Engineering Department | | | | | |
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| 2 | International Book Chapter | Advancements in Digital Computation: Issues and Opportunities in Healthcare Services | Dr. S.G. Tamhankar | Taylor Francis Book chapter "Digital Future of Healthcare" | 2021 |
| 3 | International Book Chapter | Development of Dissimilar-Shaped 8-Patch Massive MIMO Antenna for Various Application with Enhancement of Bandwidth and ECC | Dr. S.D. Ruikar | Terahertz Wireless Communication Components and System Technologies. Springer, Singapore. https://doi.org/10.1007/978-981-16-9182-9_13 | April 2022 |
| 4 | International Journal | Analysis of the Wavelet Domain Filtering Approach for Video Super-Resolution | Dr. S.D. Ruikar | Engineering, Technology & Applied Science Research | 2021 |
| 5 | International Journal | Real-Time Nonlinear Model Predictive Control for Fast Dynamic System using Improved PSO | Dr. S.S. Deshpande | Design Engineering | 2021 |
| 6 | International Journal | Parallel Constrained Predictive Control based on the improved Particle Swarm Optimization for Nonlinear Fast Dynamic Systems | Dr. S.S. Deshpande | Turkish Journal of Computer and Mathematics Education (TURCOMAT) | 2021 |
| 7 | International Journal | Design of FPGA Soft Core Based WSN Node Using Customization Paradigm | Dr. S.S. Deshpande | Wireless Personal Communication-Springer Publication | 2021 |
| 8 | International Journal | Wideband Metasurface based planer Inverted-F Antenna using Defective ground surface for WLAN/X band applications | Dr. S.S. Deshpande | Turkish Journal of Computer and Mathematics Education (TURCOMAT) | 2021 |
| 9 | International Journal | Eco-friendly Thermal Safety Jacket for Soldier | Dr. Mrs. M.M. Patil | Dickensian Journal Volume 22, Issue 5 | 2022 |
| 10 | International Journal | MPPT based on ANN using a PV system data | Mrs. M.R. Khare | Dickensian Journal, ISSN No : 0012-2440 | 2022 |
| 11 | International conference | A Different Shaped Radiating Element Wide Band Multi-Band Massive MIMO | Dr. S.D. Ruikar | IOP Conference Series: Materials Science and Engineering | 2021 |

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| Computer Science and Engineering Department | | | | | |
| 01 | Book Chapter | Application of Soft Set Theory for Dimensionality Reduction Approach in Machine Learning | Ms. P. D. Lanjewar, Dr B F Momin | Springer: Book Chapter - Part of the Lecture Notes in Networks and Systems (book series) | October 2021 |
| 02 | Book Chapter | Customer Feedback Through Facial Expression Recognition System Using Neural Network | Tejashri P. Dandgawhal & Bas hirahamad F. Momin | Springer: Book Chapter - Part of the Advances in Intelligent Systems and Computing book series (Book Series) | July 2021 |
| 03 | Book Chapter | Effective Prediction of Autism Using Ensemble Method | Siddharaj Pujari, Dr Anusha K | Artificial Intelligence for Innovative Healthcare Informatics | April 2022 |
| 04 | International Journal | The Implementation of the Human Computer Interaction System Based on Bioelectricity | Dr B F Momin | International Journal of Engineering Applied Science and Technology | June 2021 |
| 05 | International Journal | Generating Application to Handle Snapshots in Google Cloud Platform | Dr B F Momin | International Journal of Engineering Applied Science and Technology | June 2021 |
| 06 | International Journal | Application Of Machine Learning And Deep Learning In Smart Agriculture | Mrs. A T Umrani (Chimanna), Mrs. S A Aitwade | International Journal of Engineering Applied Sciences And Technology | December 2021 |
| 07 | International Journal | Hybrid feature-based anxiety detection in autism using hybrid optimization tuned artificial neural network. | Amruta Tushar Umrani, Pon Harshavardhanan | Biomedical Signal Processing and Control | April 2022 |
| 08 | International conference | Drowsiness Detection System Using OpenCV and Raspberry Pi: An IoT Application | Abhijeet A Urunkar, Aditi D Shinde, Amruta Khot | International Conference on Artificial Intelligence and Sustainable Engineering: Lecture Notes in Electrical Engineering book series | April 2022 |
| 09 | International conference | Authenticity of System Users via Mouse Handling Method | Kiran Kamble, Nandinee Mudogol, Pooja Mundada, Abhijeet Urunkar | International Conference on Advances in Computing, Communication, and Control (ICAC3) IEEE Xplore Digital Library | February 2022 |
| 10 | International Conference | Finding All Edges on any Smallest Route Connecting Two Nodes of a Directed | Deepak Ahire, Kiran Kamble Omkar | Innovations in Computer Science and Engineering Conference | March 2022 |

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| | | Acyclic Graph Using Parallel Computing | Jadhav Shubham Katakdhond | Proceedings, Lecture notes in Networks and Systems Book series(ICICSE 2021) | |
| 11 | International Conference | Building a Robust Distributed Voting System Using Consortium Blockchain | Rohit Rajesh Chougule, Swapnil Shrikant Kesur, Atharwa Ajay Adawadkar & Nandinee L. Mudegol | Innovative Data Communication Technologies and Application Conference Proceedings, Part of the Lecture Notes on Data Engineering and Communications Technologies book series | 24 Feb 2022 |
| 12 | International Conference | High Frequency Forecasting on Stock Market using Machine Learning | Amruta Khot, Rashmi Bhat, Abhijeet Urunkar, Nandinee Mudegol | 3rd International Conference for Emerging Technology (INCET) | May 2022 |
| 13 | International Conference | Fraud Detection and Analysis for Insurance Claim using Machine Learning | Abhijeet Urunkar, Amruta Khot, Rashmi Bhat, Nandinee Mudegol | IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES) | May 2022 |

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| 2 | Journal | SARP: secure routing protocol using anonymous authentication in vehicular Ad-hoc networks | Dr. S .P Sonavane | Journal of Ambient Intelligence and Humanized Computing | Aug2021 |
| 3 | Journal | Optimized Auto Encoder on High Dimensional Big Data Reduction: an Analytical Approach | Dr. S .P Sonavane | Turkish Journal of Computer and Mathematics Education | Aug 2021 |
| 4 | Journal | Analysis of Connectivity Duration In Vehicular Network | Dr. S .P Sonavane | Turkish Journal of Computer and Mathematics Education | Aug 2021 |
| 5 | Journal | Experimenting with Reordering Model of Phrase- | Dr. S .P Sonavane | Next Generation Information Processing System | Aug 2021 |

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| | | Based Machine Translation System for English to Hindi | | | |
| 6 | Journal | Advancements in Digital Computation: Issues and Opportunities in Healthcare Services | Dr. S .P Sonavane M G Rathi. | Book Chapter in Digital Future of Healthcare | Oct 2021 |
| 7 | Conference | Performance of routing protocols using mobility models in vanet | Dr. S .P Sonavane | Next Generation Information Processing System | July 2021 |
| 8 | Conference | Investigation of Imbalanced Big Data Set Classification: Clustering Minority Samples Over Sampling Technique | Dr. S .P Sonavane | Next Generation Information Processing System | Aug 2021 |

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| 01 | Journal | Certain class of univalent functions associated with mittage lefler functions | S B Joshi, S S Joshi and S S Nalwade | J Indian Acad math 44, 2, 2022, 145-155 | Nov 2022 |
| 02 | Journal | New subclass of analytic functions associated with q-differential operator | S B Joshi, D D Bollade and N D Sangle | Punjab univ j 542, 1, 2022, 347-359 | Aug 2022 |
| 03 | Journal | Analysis Of Total Harmonic Distortion Of Three-Phase Induction Motor Drive For Different PWM Techniques | Bashir N Jamadar, Balasaheb B Vhankhande, D.S. Sutrave | Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICT)-2022 at Vimal Jyothi Engineering College, Kannur, Kerala. DOI: 10.1109/ICICT5455 7.2022.9917623 | October 2022 |
| 04 | Journal | Effect of Cu ₄ Sn ₄ Layer Thickness on The Photovoltaic Parameters of Photoelectrochemical Solar Cells | H. D. Shelke, A. A. Mohite, A. P. Torane, K. V. Madhale and C. D. Lokhande. | ES Materials and Manufacturing DOI: https://dx.doi.org/10.30919/esmm5f724 | June 2022 |

Google Scholar Citation Details

| Name of Faculty | Designation | Google Scholar | | | | | | | |
|--------------------------|-----------------------------|----------------|---------|------------|-----------|---------|------------|---------------------|----------|
| | | 2018 Onwards | | | All | | | No. of Publications | |
| | | Citations | h-Index | i-10 Index | Citations | h-index | i-10 index | Cited | Reported |
| Prof. Dr. U.A. Dabade | Professor | 716 | 14 | 18 | 1220 | 15 | 18 | 44 | 80 |
| Dr. G. R. Munavalli | Asso. Professor | 301 | 9 | 9 | 676 | 11 | 33 | | |
| S B Joshi | Associate Professor | 238 | 8 | 8 | 647 | 12 | 15 | 65 | 60 |
| Dr. A. J. Umbarkar | Assistant Professor and Hod | 493 | 8 | 7 | 589 | 10 | 11 | 589 | 38 |
| Dr. S. D. Ruikar | Associate Professor | 249 | 9 | 7 | 507 | 9 | 9 | 46 | 73 |
| Dr. B. F. Momin | Associate Professor | 293 | 9 | 8 | 385 | 11 | 14 | 24 | 4 |
| Dr. K.S. Gumaste | Asso. Professor | 196 | 5 | 1 | 371 | 7 | 4 | | |
| Dr. K.H. Inamdar | Associate Professor | 225 | 9 | 8 | 365 | 11 | 12 | 53 | 193 |
| Dr. D. S. More | Associate Professor | 204 | 7 | 6 | 342 | 9 | 9 | 24 | 38 |
| Dr. S. U. Sapkal | Associate Professor | 256 | 8 | 8 | 340 | 10 | 10 | 29 | 47 |
| Dr. S. N. Tande | Professor | 160 | 5 | 4 | 270 | 8 | 8 | | |
| Dr. S. P. Sonavane | Associate Professor | 225 | 8 | 7 | 254 | 9 | 8 | 254 | 66 |
| Prof. Dr. B.S. Gawali | Professor | 125 | 6 | 4 | 180 | 8 | 5 | 27 | 46 |
| Dr. S. B. Kadam | Asst. Professor | | | | 178 | 7 | 6 | | |
| Dr. P. H. Sawant | Professor | 104 | 4 | 2 | 162 | 5 | 2 | | |
| Mr. A. R. Surve | Assistant Professor | 111 | 7 | 1 | 131 | 7 | 2 | 9 | 17 |
| Dr. V. D. Salkar | Asso. Professor | 128 | 4 | 2 | 130 | 4 | 2 | | |
| Dr. Mrs. M. M. Patil | Associate Professor | 69 | 4 | 2 | 129 | 7 | 4 | 16 | 30 |
| Dr. Mrs. S. S. Deshpande | Professor | 107 | 6 | 3 | 123 | 6 | 4 | 21 | 30 |
| Dr. V. B. Dharmadhikari | Associate Professor | 66 | 4 | 1 | 117 | 5 | 4 | 7 | 14 |
| Dr. D. B. Kulkarni | Professor | 65 | 4 | 0 | 114 | 6 | 1 | 114 | 48 |

| | | | | | | | | | |
|-----------------------|---------------------|----|---|---|----|---|---|----|----|
| Mr. A.B. Patil | Associate Professor | 41 | 3 | 0 | 96 | 5 | 4 | 7 | 10 |
| Dr. M. M. Waware | Associate Professor | 73 | 5 | 1 | 92 | 6 | 2 | – | – |
| Dr. N. L. Gavankar | Assistant Professor | 91 | 2 | 2 | 91 | 2 | 2 | 3 | 3 |
| Mr. M. K. Chavan | Assistant Professor | 82 | 4 | 2 | 91 | 4 | 2 | 7 | 0 |
| Mr. P.A. Mane | Assistant Professor | 52 | 4 | 2 | 85 | 4 | 4 | 11 | 24 |
| Dr. P. K. Kharat | Assistant Professor | 59 | 6 | 2 | 85 | 6 | 3 | 85 | 18 |
| Dr. S. G. Tamhankar | Associate Professor | 34 | 4 | 1 | 75 | 5 | 2 | 14 | 24 |
| Dr. M. A. Shah | Assistant Professor | 59 | 4 | 2 | 74 | 6 | 2 | 5 | 3 |
| Dr. Mrs. A. A. Agashe | Associate Professor | 30 | 4 | 2 | 72 | 5 | 4 | 8 | 14 |
| Mr. M. B. Narnaware | Assistant Professor | 49 | 2 | 1 | 72 | 2 | 1 | 72 | 12 |
| Dr. C. B. Pol | Asst. Professor | 36 | 2 | 2 | 71 | 2 | 2 | | |
| Dr. R. P. Hasabe | Assistant Professor | 46 | 3 | 2 | 69 | 5 | 3 | 8 | 15 |
| Mr. R.M. Chanmanwar | Assistant Professor | 44 | 3 | 2 | 68 | 4 | 2 | 12 | 24 |
| Dr. R. R. Rathod | Assistant Professor | 49 | 3 | 2 | 61 | 3 | 2 | 61 | 6 |
| Mrs. S. P. Diwan | Assistant Professor | 40 | 3 | 1 | 55 | 3 | 1 | 8 | 15 |
| Mr. S. S. Karvekar | Assistant Professor | 36 | 4 | 0 | 55 | 6 | 0 | 13 | 13 |
| Dr. P. G. Sonavane | Professor | 20 | 3 | 0 | 42 | 4 | 1 | | |
| Dr. A.P. Patil | Assistant Professor | 40 | 4 | 1 | 40 | 4 | 1 | 6 | 6 |
| K.V. Madhale | Associate Professor | 32 | 1 | 1 | 39 | 2 | 1 | 39 | 12 |
| Dr. P. K. Sohoni | Asst. Professor | 22 | 3 | 0 | 34 | 3 | 1 | | |
| Dr. A. K. Mali | Asst. Professor | 33 | 4 | 0 | 33 | 4 | 0 | | |
| Dr. B.N. Jamadar | Assistant Professor | 20 | 2 | 0 | 33 | 3 | 1 | 5 | 14 |
| Mr. K. P. Kamble | Assistant Professor | 31 | 3 | 1 | 31 | 3 | 1 | 6 | 3 |
| Dr. U. B. Chavan | Assistant Professor | 26 | 3 | 1 | 28 | 3 | 1 | 28 | 12 |
| Mr. V.P. Mohale | Assistant Professor | 21 | 3 | 0 | 27 | 4 | 0 | 5 | 5 |

| | | | | | | | | | |
|---------------------|---------------------|----|---|---|----|---|---|----|----|
| Mr. V. N. Honmane | Assistant Professor | 26 | 2 | 1 | 26 | 2 | 1 | 4 | 2 |
| Mr. P. K. Deshpande | Asso. Professor | | | | 25 | 3 | 0 | | |
| Mr. P.D. Maskar | Assistant Professor | 15 | 1 | 1 | 25 | 1 | 1 | 1 | 13 |
| Mrs. A. S. Karvekar | Assistant Professor | 22 | 3 | 0 | 22 | 3 | 0 | 3 | 3 |
| Dr. B. G. Patil | Associate Professor | 9 | 2 | 0 | 21 | 3 | 0 | 6 | 8 |
| Ms. A. S. Pawar | Assistant Professor | 18 | 3 | 0 | 20 | 3 | 0 | 3 | 0 |
| Mr. C. H. Wagh | Asso. Professor | 14 | 2 | 0 | 19 | 2 | 1 | | |
| Mrs. H. V. Gandhi | Assistant Professor | 18 | 1 | 1 | 18 | 1 | 1 | 4 | 1 |
| Dr. A. K. Kokane | Asst. Professor | 10 | 1 | 1 | 16 | 1 | 0 | | |
| Mrs. S.L Shaikh | Assistant Professor | 14 | 1 | 1 | 16 | 1 | 1 | 3 | 7 |
| Dr. A.S. Bhandare | Assistant Professor | 15 | 3 | 0 | 15 | 3 | 0 | 5 | 9 |
| Dr. S. S. Sutar | Assistant Professor | 15 | 2 | 1 | 15 | 2 | 1 | 4 | 4 |
| Dr. M.M. Khot | Assistant Professor | 9 | 1 | 0 | 13 | 1 | 1 | 1 | 5 |
| Mr. G. M. Bhosale | Asst. Professor | | | | 10 | 2 | 0 | | |
| Mrs. B. S. Shetty | Assistant Professor | 2 | 1 | 0 | 10 | 1 | 1 | 10 | 12 |
| Mr. S. P. Nevgi | Assistant Professor | 3 | 1 | 0 | 8 | 1 | 0 | 1 | 1 |
| Dr. R. S. Desai | Asso. Professor | 6 | 1 | 0 | 6 | 1 | 0 | | |
| Ms. P. D. Lanjewar | Assistant Professor | 5 | 1 | 0 | 5 | 1 | 0 | 2 | 1 |
| Mr. S. D. Pujari | Assistant Professor | 4 | 1 | 0 | 4 | 1 | 0 | 3 | 0 |
| Mr. M. G. Rathi | Assistant Professor | 4 | 1 | 0 | 4 | 1 | 0 | 4 | 6 |
| Mr. B.N. Naik | Assistant Professor | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 1 |
| Mr. S. R. Khedkar | Assistant Professor | 3 | 1 | 0 | 3 | 1 | 0 | 1 | 1 |
| Mr. A.B. Admuthe | Assistant Professor | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 3 |
| Mrs. A. M. Chimanna | Assistant Professor | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 1 |
| Ms. N. L. Mudgol | Assistant Professor | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |

| | | | | | | | | | |
|-------------------|---------------------|---|---|---|---|---|---|---|---|
| Ms. P. D. Mundada | Assistant Professor | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| Mr. A. A. Urunkar | Assistant Professor | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| M. M. Tamhankar | Assistant Professor | 1 | 1 | 0 | 1 | 1 | 0 | – | – |
| Mr. D.B. Pawar | Assistant Professor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Mr. N.V.Patel | Associate Professor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | – |

Ph.D. Details of Regular Degree Faculty

| SN | Name of Student | Department | Name of Guide, Branch | Date of Registration /Uni | Title of the Thesis | Completed on |
|--|-----------------------|------------|---|--|--|--------------|
| Civil Engineering Department | | | | | | |
| 1 | Dr. A.K. Mali | Civil | Dr. Prakash Nanthagopalan | 12 July 2013 IIT, Mumbai | Utilization of sugar cave bagasse ash in concrete | July 2021 |
| 2 | Dr. A.K. Kokane | Civil | Dr. V.A. Sawant IIT Roorkee, Dr. J.P. Sahoo , IIT Kanpur. | 6 th July 2018 | Analysis of Soil Nailed Slopes Under Seismic Conditions. | Sept. 2021 |
| Mechanical Engineering Department | | | | | | |
| 1 | Prof. Dr. B.S. Gawali | Mechanical | K. G. Narayankhedkar | Aug. 1999, IIT Bombay | Design and Development of a miniature IPT nitrogen liquefier | |
| 2 | Prof. Dr. U.A. Dabade | Mechanical | Prof. S.S. Joshi, IIT Bombay | July 2004, IIT BOMBAY | “Characteristics of Machined Surfaces on Al/SiCp Metal Matrix Composites Produced During Turning | May 2008 |
| 3 | Dr. K.H. Inamdar | Mechanical | Dr. S.G. Joshi | 20-11-2002, Shivaji University | Some Studies on the Analysis of Surface Quality of Flat Metal Surfaces using Image Processing Techniques | June 2007 |
| 4 | Dr. S. U. Sapkal | Mechanical | Dr. Dipak Laha, Mechanical Engg. | 14/08/2009 Jadavpur University Kolkata | Improved Heuristics for Manufacturing Scheduling | Sept. 2013 |
| 5 | Dr. S.V. Gaikwad | Mechanical | Dr. Rahul S. Mulik | 09.07.2014, IIT Roorkee | Performance analysis of trepanning tool for deep annular grooving | Dec. 2019 |
| 6 | Dr. M.M. Khot | Mechanical | Dr. B. S. Gawali | 01/01/2008, Shivaji University | Design and Development of Flexure Bearing for Miniature Linear Compressor | May 2015 |
| 7 | Dr. A.P. Patil | Mechanical | Prof. S. P. Harsha Prof. B. K. | 09/10//2018 | Diagnosis of Rolling Element Bearings using Vibration and Acoustic Emission Signals | Nov. 2021 |

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|--|--------------------------|------------------|---|-----------------------------------|---|------------|
| | | | Mishra IIT Roorkee | | | |
| Electrical Engineering Department | | | | | | |
| 1 | D. S. More | Electrical | Dr. B. G. Fernandes | July 2005 | Design and Analysis of Three-Phase Flux Reversal Machine for Rooftop Wind Power Application. | Oct 2010 |
| 2 | M.M. Waware | Electrical | Prof. Pramod Agarwal | 02/08/2008 | Multilevel Inverter Based Active Filter | April 2012 |
| 3 | R P. Hasabe | Electrical | Prof. 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 | May 2017 |
| Electronics Engineering Department | | | | | | |
| 1 | Dr. Mrs. S. S. Deshpande | Electronics | Prof. Sachin S. Patwardhan | 2008/ IIT, Bombay | Computationally Efficient NMPC for Fast dynamic Systems | Sept 2010 |
| 2 | Dr. B. G. Patil | Electronics | Dr. Mrs. S. Subbaraman | 2006/Shivaji University, Kolhapur | Human feature vector and classifier through iris pattern recognition | July 2015 |
| 3 | Dr. V. B. Dharmadhikari | Electronics | Dr. P. J. Kulkarni, Electronics | 2006/Shivaji University, Kolhapur | Quality of Service Issues, Formulation and Performance Evaluation of Traffic Smoothing Tech- niques for MPEG Video Transmission in Packet Switched Networks | July 2015 |
| 4 | Dr. Mrs. A. A. Agashe | Electronics | Dr. S.K. Bodhe, Electronics Engg | 2003/ Shivaji University Kolhapur | Mobility Management in adhoc networks: A Special Reference to Handoff Mechanism | Nov. 2009 |
| 5 | Dr. S. D. Ruikar | Electronics | Dr. D. D. Doye, Electronics Engineering | Nov 2006/ SRTMU Nanded | Image Denoising using Wavelet Transform | March 2013 |
| 6 | Dr. S. G. Tamhankar | Electronics | Dr. F. S. Kazi Electronics | Aug. 2012 | Some Investigations in Communication and Gateway issues of Cyber Physical Systems | April 2021 |
| Computer Science and Engineering Department | | | | | | |
| 1 | Dr. B. F. Momin | Computer Science | Dr. Sushmita Mitra, CSE | Jadavpur University Kolkata | Some issues in Data Mining using Soft Computing. | Feb 2008 |
| 2 | Mr. A. R. Surve | Computer Science | Dr. V. R. Ghorpade, CSE | Shivaji University | SOA based context aware smart Pervasive Computing. | Ongoing |
| 3 | Dr. Mrs. M. A. Shah | Computer Science | Dr. D. B. Kulkarni, CSE | Shivaji University | Design and Performance Evaluation of Parallel Scalable Event Processing System | June 2019 |

| | | | | | | |
|--|--------------------|------------------|--|--|---|------------|
| 4 | Dr. N. L. Gavankar | Computer Science | Dr. S. K. Ghosh, Geomatics Engineering | 09/07/2014 Indian Institute of Technology Roorkee | A study on building extraction techniques using high resolution satellite data. | Aug. 2018 |
| Humanities and Science Department | | | | | | |
| 1 | Dr. B.N. Jamadar | Physics | Dr. D.S. Sutrave | 01/07/2010 | Design and Development of PWM technique for three phase induction motor drive with auto fault detection | March 2021 |

Regular Degree Faculty Ongoing Ph.D. details

| SN | Name of Student | Department | Name of Guide, Branch | Date of Registration/Uni | Title of the Thesis |
|--|---------------------|------------|--|---|---|
| Civil Engineering Department | | | | | |
| 1 | Mr. C.H. Wagh | Civil | Civil | Gondwana University | |
| Mechanical Engineering Department | | | | | |
| 1 | Mr. B.N. Naik | Mechanical | Prof. Sangeeta Kohli | 21-07-2014, IIT Delhi | Some studies in Cookstove testing and combustion kinetics |
| 2 | Mr. P.A. Mane | Mechanical | Dr. Karthik Balasubramanian | 21-12-2021, NIT Warangal | Battery Thermal Management system. |
| 3 | Mr. R.M. Chanmanwar | Mechanical | Dr. D. K. Shinde | 01-12-2022, VJTI, Mumbai | Optimization of Photo-Chemical Machining |
| 4 | Mr. S. D. Jagtap | Mechanical | Prof. M Mishra , Mechanical Engg | 27.7.2021 , IIT, Roorkee | Investigations in Heat Exchangers with Porous Media |
| Computer Science and Engineering Department | | | | | |
| 1 | Mr. A. R. Surve | CSE | Dr. V. R Ghorpade, CSE | Shivaji University | SOA based context aware smart Pervasive Computing. |
| Electrical Engineering Department | | | | | |
| 1 | Mrs. S. P. Diwan | Electrical | Dr. Rajin linus | SGU, Atigre | Yet to be Decided |
| 2 | Mr. S. S. Karvekar | Electrical | Dr. P. M. Joshi Electrical Engineering | 1 st July 2017 ShivajiUniversity, Kolhapur | Implementation and Performance Analysis of Electrified Transportation System using Enhanced Phase Locked Loop |
| 3 | Mr. V.P. Mohale | Electrical | Dr Thanga Raj Chelliah | 16 Aug 2020 IIT Roorkee | Analysis of Sub synchronous Oscillation in Hydro Power System |

| Information and Technology Department | | | | | |
|---------------------------------------|----------------------|-------------|------------------------------|---|---|
| 01 | Mr. M. B. Narnaware | CSE | | Sep 2021 | Deep Learning |
| Humanities and Science Department | | | | | |
| 1 | Mr. K.V. Madhale | Physics | Dr. S.B. Kulkarni Physics | 15th June 2019 Dr. Homi Bhaba State University, Mumbai | Studies on Synthesis and Fabrication of $La_{(1-x)}SrxMnO_3$ -Reduced Graphene Oxide (RGO) Electrode Materials and its Composites for Supercapacitive Performance |
| 2 | Mrs. V.B. Girgaonkar | Mathematics | Dr. S.B. Joshi | July 2017 | Study of certain subclasses of analytic and bi-univalent functions |

Books Published by Faculties:

| Sr. No. | Name of Faculty | Title of Book | Name of Publisher | Year of Publication |
|---------|---|---|---|---------------------|
| 1 | Shri. Sawant. B.B and Dr. S. N. Tande | Shear Wall With Openings | LAP LAMBERT Academic Publishing, UK, London | Dec 2021 |
| 2 | Dr. V. S. Patil, | "Seismic Fragility Curves for Reinforced Concrete Buildings" | LAP LAMBERT Academic Publishing, UK, London | Nov 2021 |
| 3 | Shri. A. S. Patane and Dr. S.B. Kadam | "Seismic Performance of RC framed building Located on Hills-Dynamic Analysis" | LAP LAMBERT Academic Publishing, UK, London, | Oct. 2021 |
| 4 | Dr. Sachin D. Ruikar | Electromagnetics | Nirali Publication Pune, ISBN 978-93-5164-138-4 | June 2017 |
| 5 | Siddharaj Pujari | Torsional Behavior of Horizontal Irregular Buildings During Earthquake | LAMBERT Academic Publishing | 2021 |
| 6 | Mr. M.S. Mahagaonkar | Basic Electrical Engineering | Amazon-Kindle Publications | 2019 |
| 7 | Dr. D.S. More, Dr. M.M. Waware, Mr. V.P. Mohale | Power Electronics & Its Applications | Khanna Publishing ISBN 10: 93-55380-42-9 | 2022 |
| 8 | Dr. S .P Sonavane | SARP: secure routing protocol using anonymous authentication in vehicular Ad-hoc networks | Journal of Ambient Intelligence and Humanized Computing | Aug 2021 |
| 9 | Dr. S .P Sonavane | Optimized Auto Encoder on High Dimensional Big Data Reduction: an Analytical Approach | Turkish Journal of Computer and Mathematics Education | Aug 2021 |
| 10 | Dr. S .P Sonavane | Analysis of Connectivity Duration In Vehicular Network | Analysis of Connectivity Duration In Vehicular Network | Aug 2021 |

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|----|------------------------------------|--|---|-----------|
| 11 | Dr. S .P Sonavane | Experimenting with Reordering Model of Phrase-Based Machine Translation System for English to Hindi | Next Generation Information Processing System | Aug 2021 |
| 12 | Dr. S .P Sonavane | Performance of routing protocols using mobility models in vanet | Next Generation Information Processing System | July 2021 |
| 13 | Dr. S .P Sonavane | Investigation of Imbalanced Big Data Set Classification: Clustering Minority Samples Over Sampling Technique | Next Generation Information Processing System | Aug 2021 |
| 14 | Dr. P.K. Kharat | ModQUIC Protocol Performance Verification with CUBIC and BBR Congestion Control Mechanism, International Journal of Internet Protocol Technology | International Journal of Internet Protocol Technology | Aug 2021 |
| 15 | Dr. S .P Sonavane Mr. M G Rathi | Advancements in Digital Computation: Issues and Opportunities in Healthcare Services | Book Chapter in Digital Future of Healthcare | Oct 2021 |

Ph.D. Student Details registered under WCE faculty (other than QIP-Ph.D. and NDF students):

| Department | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | Total |
|---------------------------|----------|----------|----------|----------|-----------|-----------|
| Civil Engineering | - | - | - | 2 | 2 | 4 |
| Mechanical Engineering | 2 | 2 | 1 | - | 2 | 7 |
| Electrical Engineering | - | - | - | - | - | - |
| Electronics Engineering | 1 | - | 1 | - | 1 | 3 |
| Computer Sci. Engineering | - | 2 | 5 | - | 4 | 11 |
| Information & Technology | 1 | - | 1 | - | 1 | 3 |
| Total | 4 | 4 | 8 | 2 | 10 | 28 |

| SN | Name of Student | Name of Guide | Date of Registration | Title of the Thesis | Status: Ongoing/ Completed |
|--|-----------------------------------|--------------------|----------------------|--|----------------------------|
| Civil Engineering Department | | | | | |
| 1 | V. T. Gaikwad | Dr. G.R. Munavalli | 01/07/2011 | Study on water softening by natural materials | Completed |
| 2 | Shri. Ravindra S. Desai | Dr. S.N. Tande | 22 March 2010 | improvement in structural performance in buildings by optimization of energy management devices | Completed |
| 3 | Shir. Vishwas S. Patil | Dr. S.N. Tande | 22 March 2010 | probabilistic based seismic performance evaluation of existing reinforced concrete buildings and retrofiting strategy | Completed |
| 4 | Nikhil Bembade | Dr. S.N. Tande | 08/02/2018 | Linear and Nonlinear Performance of concrete filled double steel tubular columns | On-going |
| 5 | Mr. Rohit D. Mangalekar | Dr. K.S. Gumaste | 08/02/2018 | Studies on Hydraulic Reliability and Cost Optimization in Design of Water Supply Systems for High Rise Residential Buildings. | On-going |
| Mechanical Engineering Department | | | | | |
| 1 | Sudhir Pandurang Nangare | Dr. B.S. Gawali | 01/07/2017 | Design, Development and Testing of Multi Pulse Tube Cryocooler with Oil Free Compressor | Ongoing |
| 2 | Prateek Deoman Malwe | Dr. B.S. Gawali | 30/07/2018 | Energetic and Exergetic Assessment of a Cold Chain System for an Agricultural Product – Raisins | Ongoing |
| 3 | Mahmadrafik Sajjadahmad Choudhari | Dr. B.S. Gawali | 03/08/2018 | Heat Transfer and Fluid Flow Analysis of Oscillating Flow Heat Exchanger – Pulse Tube Refrigerator | Ongoing |
| 4 | Nandkishor Sheshrao Deshmukh | Dr. B.S. Gawali | 20/07/2019 | Numerical and Experimental Investigation of Liquid Desiccant Cooling System | Ongoing |
| 5 | Rustum Sikandar Dhalait | Dr. B.S. Gawali | 20/07/2019 | Theoretical and Experimental Analysis of Low Temperature Power Cycle for Waste Heat Recovery | Ongoing |
| 6 | Manisha Nilkanth Alarkar | Dr. U.A. Dabade | 13/09/2021 | Optimization of Surface Finish and Mechanical Properties of Polylactic Acid (PLA) and Polyethylene Terephthalate Glycol(PETG) Products Processed by Additive Manufacturing | Ongoing |
| 7 | Rahul Chandrakant Bhedasgaonkar | Dr. U.A. Dabade | 01/07/2018 | Experimental Investigation of Performance of hybrid nano fluids in | Ongoing |

| | | | | | |
|--|--------------------------------|------------------|-----------|--|---------|
| | | | | machining of difficult to cut materials under minimum quantity lubrication | |
| 8 | Supriya Krishna Darekar | Dr. S. U. Sapkal | July 2017 | Investigation of Part Characteristics using Additive Manufacturing Process for Comparative Study | Ongoing |
| 9 | Anand Sudhir Shivade | Dr. S. U. Sapkal | July 2017 | Application of Industrial Engineering Tools to Gear Box Manufacturing Industry for Productivity Improvement | Ongoing |
| 10 | Mahesh Sadashiv Shinge | Dr. S. U. Sapkal | July 2018 | Effective Metaheuristics for Job Shop Scheduling Problem | Ongoing |
| 11 | Nitin Somnarayan Chityal | Dr. S. U. Sapkal | July 2019 | Investigation of Bushing Geometry and Thrust Force in Friction Drilling by Experimental and Optimization Approaches | Ongoing |
| 12 | Rutuja Krishnat Shivdas | Dr. S. U. Sapkal | July 2019 | Performance Analysis of Reconfigurable Manufacturing System (RMS) for System Design and Operation | Ongoing |
| 13 | Jitendra Govind Shinde | Dr. M. M. Khot | July 2018 | Design, Development and experimental investigation of miniature moving magnet pulse tube cryocooler. | Ongoing |
| 14 | Vijayshingh Balaso Suryawanshi | Dr. M. M. Khot | July 2018 | Design, Development and experimental investigation of miniature moving coil pulse tube cryocooler | Ongoing |
| Electrical Engineering Department | | | | | |
| 1 | Thombre R. D. | Dr. D. S. More | Aug 2015 | Design, analysis and control of bidirectional power converter for hybrid ac/dc micro-grid system. | Ongoing |
| 2 | Jagtap S. R | Dr. D. S. More | Aug 2017 | Design and development of reliable switching power converters by real time switch open-circuit and short-circuit fault diagnosis and fault tolerant control. | Ongoing |
| 3 | Mopari S. S | Dr. D. S. More | Aug 2019 | Analysis of impact of surges and harmonics on the insulation of converter transformer | Ongoing |
| 4 | Shedbalkar K. S | Dr. D. S. More | Aug 2019 | Development and Analysis of day ahead power forecasting technique for solar photovoltaic system | Ongoing |
| 5 | Mrs. Jadhav P. R. | Dr. D. S. More | Aug 2019 | Optimization Technique based Load Scheduling in Customer Driven Microgrid” | Ongoing |
| 6 | Mrs. Chavan D. R. | Dr. D. S. More | Aug 2019 | Low frequency electrical energy disaggregation in NILM using machine learning approach | Ongoing |

| Electronics Engineering Department | | | | | |
|--|------------------------------|------------------------------------|------------|--|-----------|
| 1 | Miss Tejaswi Mahaling Jadhav | Dr.(Mrs.) Shraddha Sunil Deshpande | 01/01/2014 | Circular Polarization Planer Inverted-F Antenna using Reactive Impedance Surface | Ongoing |
| 2 | Mrs. Supriya Prashant Diwan | Dr.(Mrs.) Shraddha Sunil Deshpande | 01/08/2016 | Development of NMPC algorithm on FPGA using PSO for nonlinear fast dynamic systems | Ongoing |
| 3 | Mrs.Vilabha Sachin Patil | Dr.(Mrs.) Shraddha Sunil Deshpande | 18/07/2016 | Design of Control Mechanism for Power Saving with Configurable Architecture | Ongoing |
| 4 | Mr. Chanchal M. Patil | Dr. S. D. Ruikar | 23/12/2017 | Devlop an algorithm with feature extraction using 3D DWT and CNN with depth information and contour map. | Ongoing |
| 5 | Ms. Mrunmayee V. Daithankar | Dr. S. D. Ruikar | 01/07/2018 | Development of Video Super Resolution Algorithm in Wavelet Domain using Neural Network | Ongoing |
| 6 | Mr. Shrenik Suresh Sarade | Dr. S. D. Ruikar | 15/07/2019 | Development of Wide Band MassiveMulti-Band MIMO Antenna forMillimeter Wave | Ongoing |
| 7 | Mr. Mirajodddin U. Inamdar | Dr. S. D. Ruikar | 15/07/2019 | Design and development of an Intelligent Algorithm for Trust Management in M2M Communication towards IOT | Ongoing |
| Computer Science and Engineering Department | | | | | |
| 1 | Karveer Manawade | Dr. D. B. Kulkarni | 01/07/2011 | MPI Performance optimization in HPC cluster environment | Awarded |
| 2 | Shri S A Thorat | Dr. P. J. Kulkarni | 21/01/2012 | Trust Management Techniques for Improvement in MANET routing protocols | Completed |
| 3 | Smt S A Takale | Dr. P. J. Kulkarni | 27/01/2012 | Web Content mining in the framework of soft computing | Completed |
| 4 | Parag P. Abhyankar | Dr. B. F. Momin | 27/02/2012 | Characterization Of Non-Vigilance of Individual or Mass Audience in Monotonous Environment | Ongoing |
| 5 | Mrs Medha A Shah | Dr. D. B. Kulkarni | 27/02/2012 | Design and performance evaluation of Parallel Scalable Event Processing System | Completed |
| 6 | Rupali D Kulkarni | Dr. B. F. Momin | 27/02/2012 | Advanced Skyline computation in Distributed Environment | Completed |
| 7 | Mamta Kalas | Dr. B. F. Momin | 27/02/2012 | Study and Implementation of Advanced Neuroimaging Techniques | Completed |
| 8 | Deepali Akolkar | Dr. D. B. Kulkarni | 1/7/2012 | Data Analytics of very large Unstructured data on parallel platforms | Ongoing |

| | | | | | |
|----|----------------------------|--------------------|------------|--|-----------|
| 9 | Prashant M. Yelmar | Dr. B. F. Momin | 25/2/2013 | Development of Computational Framework for Social Network Analysis and Mining | Ongoing |
| 10 | Ms. Gitanjali S Salunkhe | Dr. D. B. Kulkarni | 25/2/2013 | Benchmark Validation and profiling of Heterogenous HPC Platform | Ongoing |
| 11 | Umesh B Chavan | Dr. D. B. Kulkarni | 1/7/2013 | Performance issues in parallel scalable facial expression recognition system | Completed |
| 12 | Smt C A Laukar | Dr. P. J. Kulkarni | Nov 2014 | Efficient Classification of Scene Images using Semantic Approach | Submitted |
| 13 | Suhel Sayyad | Dr. D. B. Kulkarni | 1/1/2014 | Design and development of parallel secure neural network learning in the cloud | Submitted |
| 14 | A S Patil | Dr. P. J. Kulkarni | 16/8/2015 | Design and Development of Efficient Routing Algorithm in Delay Tolerant Networks | Completed |
| 15 | Sachin S Patil | Dr. S. P. Sonavane | 01/08/2015 | Development Of Enhanced Techniques for Handling Imbalanced Big Data Streams | Completed |
| 16 | Mrs Archana P Kale | Dr. S. P. Sonavane | 01/08/2015 | Implementation of Neural Network based Pattern Classification by Identifying Prominent Feature Subset | Completed |
| 17 | Mrs. Arifa Javid Shikalgar | Dr. S. P. Sonavane | 18/07/2016 | Design and Development of Hybrid Deep Learning Computational Model for Dimensionality reduction of Heterogenous Data | Submitted |
| 18 | Arun R. Babhulgaonkar | Dr. S. P. Sonavane | 18/07/2016 | Optimizing Statistical Machine Translation Using Linguistic Feature Learning | Completed |
| 19 | Bhushan Sukumar Yelure | Dr. S. P. Sonavane | 15/07/2017 | Development of an Adaptive Intersection-based Routing protocol for Vehicular Ad-hoc Network | Completed |
| 20 | Sangita Balkrishna Nemade | Dr. S. P. Sonavane | 15/07/2017 | Semantic Image Annotation Using Deep Learning | Submitted |
| 21 | T I Bagban | Dr. P. J. Kulkarni | 18/1/2018 | Design and Analysis of a System for Template based clustering of web Pages | Completed |
| 22 | Shri S B Bhagate | Dr. P. J. Kulkarni | 18/1/2018 | Development of Secret Sharing Scheme using Extended Visual Cryptography | Completed |
| 23 | Siddheshwar Vilas Patil | Dr. D. B. Kulkarni | 16/07/2018 | Development of parallel algorithms for solving graph-theoretic problems | Submitted |
| 24 | Priyanka Devendra Lanjewar | Dr. B. F. Momin | 03/08/2018 | Design and Development of Soft Set Based Algorithms for Machine Learning | Ongoing |

| Information and Technology Department | | | | | |
|---------------------------------------|----------------------------|--------------------|-------------|---|---------|
| 1 | Arun Ramrao Babhulgaonkar, | Dr. S. P. Sonavane | 18/07/2016 | Optimizing Statistical Machine Translation Using Linguistic Feature Learning. | Ongoing |
| 2 | Bhushan Sukumar Yelure | Dr. S. P. Sonavane | 15/07/ 2017 | Development of an Adaptive Intersection-based Routing Protocol for Vehicular Ad-Hoc Network | Ongoing |
| Humanities and Science Department | | | | | |
| 1 | Shri S S Nalwade | Dr S B Joshi | 2018 | Study of univalent functions | Ongoing |
| 2 | Mrs V B Girgaonkar | Dr S B Joshi | 2018 | Subclasses of analytic functions | Ongoing |

2.2 IPR and Patents: Granted, Filed and Licensed:

Patents Filed

| Title of Patent | Name of Faculty | Patent No. | Date of File |
|---|---|--|--------------|
| Ultra-High Strength Nano-concrete Voided Slab using Hexagonal Shear Reinforcement | Dr. C. B. Pol | 202121014298 / Temp/E-1/15260/2021-MUM | |
| Ultra-High Strength Prestressed Nano-concrete Sleeper | Dr. C. B. Pol | 202121014299/Temp/E-1/15311/2021-MUM | |
| High Performance Post Tensioned Nano Concrete Slab | Dr. C. B. Pol | 202121027852/Temp/E-1/15345/2021-MUM | |
| Portable water treatment system | Dr. G. R. Munavalli | 334984-001 06/11/2020 | 2020 |
| A System for Treating Domestic Wastewater -Invented and Developed by Dr. P. G. Sonavane. Submitted to National Bio-diversity Authority, Statutory Body of Ministry of Environment, Forest & Climate Change, Govt. of India. | Dr. P. G. Sonavane | 2.01621E+11 | 2017 |
| A Device for generating Electricity using pressure inside the muffler | Prof. Dr. U A. Dabade | 201621300053 | 02/09/2016 |
| Wireless real-time temperature monitoring system for molten metal in green sand moulding | Mr. S. D. Jagtap, Mr. R. M. Chanmanwar and Mr. V. P. Mohale | 202021050021 | 17/11/2020 |
| A Method for Vehicle Monitoring System using RFID based Data Acquisition System | Dr. S. D. Ruikar | 201821021439 | 08/06/2018 |
| Contactless Sanitation System | Dr. Anil Anant Agashe Dr. P. H. Sawant | 202021026169 | 22/06/2020 |
| Smart Egg Hatching Machine | Dr S.G.Tamhankar | 205547 | 23/7/2021 |

| | | | |
|---|---|---------------|--|
| Smart solution for government offices using IoT | Mr. A. R. Surve | 2019210337630 | 18/09/2019 |
| Detection of crop diseases using image processing and atmospheric condition and suggesting remedy | Dr. M. A. Shah and Dr. B.F. Momin | 201921038636 | 25/09/2019 |
| An autonomous monitoring and smart rapid alert system to detect people not wearing masks in public areas | Mr. K P Kamble | 20221016800 | 24/03/2022 |
| Damping of SSRO in Doubly Fed Induction Machine Equipped to the Hydro-Generating Unit | Mr.Vijay Mohale, Mr.T. R. Chelliah, Yogesh. V. Hote | ----- | Initial draft submitted to IITR |
| Fractional Order PID Design Using Big Bang–Big Crunch Algorithm and Order Reduction: Application to Load Frequency Control in Hydro | Mr.Vijay Mohale, Mr.T. R. Chelliah, Mr.Yogesh. V. Hote, Mr.Quot | ----- | Initial draft submitted to IITR(German Patent) |

Patents Awarded:

| Title of Patent | Name of Faculty | Patent No. | Date of Award |
|--|--|----------------------------------|---------------|
| A Method of Working of Vibration Isolation System Using Phononic Material in a Structure | Dr. S. B.Kadam, Dr. S. N. Tande and Dr. Prachi Sohoni | F.No.RW/NH-34050/02/2017-S&R (B) | 2021 |
| Smart egg hatching machine | | 346668-001 | 23/07/2021 |
| A method to suppress Vibration in a Civil Engineering Structure using a 3- Dimensional Isolator | Mr. S, D. Jagtap, Mr. B. N. Naik and Dr. A. P. Patil | 20211045887 | 11/05/2022 |
| Technique for generating a mother wavelet from the Speech signal for evaluation of wavelet transform to capture time variations in speech signal Indian Patent | Dr. Mrs. S. D. Apte | 123/MUM/2002/3402 | 25/08/2006 |
| Pass Transistor Adiabatic Logic Circuit Standby Mode(PAL2NSM) | Dr. Mrs. S. Subbaraman | 2315/MUM/2011 | 17/12/2020 |
| Fire Detection and Prevention Device | Mr. S. S. Karvekar | 360656-001 | 12/05/2022 |
| Design Patent on "Transformer Drying chamber" | Mr.V. P. Mohale, Mr.S.S. Karvekar, Dr. R. P. Hasabe Mr. A. B. Patil | 345392-001 | 16/07/2021 |
| A method to estimate insulation resistance from residual moisture in a low power transformer | Mr.V. P. Mohale, Mr.S.S. Karvekar, Dr. R. P. Hasabe Mr. A. B. Patil | E-12/979/2021/MVM | 09/10/2021 |
| Design Patent on "Smart Egg Hatching Machine" | Mr. V . P Mohale, Dr. R. P . Hasabe, Mr. S. D. Jagtap and Mr. R. M. Chanmanwar | 346668-001 | 24/02/2022 |
| A Method of Working of Vibration Isolation System using Phononic Material in a Structure | Pradeep Borde, Dr. S. B. Kadam, Dr.S. N. Tande, Mr. S. D. Jagtap, Mr. V. P. Mohale | 202121001002 | 29/01/2021 |
| A method to suppress vibration in a Civil Engineering structure using a 3-Dimensional Isolator. | Mr. R.R. Bamane, Dr. S.B. Kadam, Dr. P.H. Sawant, Dr. S.N. Tande, Mr. V.P. | 2021104588 | 29/01/2021 |

| | | | |
|--|---|--------------|------------|
| | Mohale, Mr. B.N.Naik, Mr. S.D. Jagtap, Dr. A.P. Patil | | |
| Design Patent on "Electricity Meter testing device | Mr. V.P. Mohale | 350377-001 | 12/11/2021 |
| A smart egg incubation system with gender identification and machine learning based automatic controlling | Mr. V.P. Mohale | 202121033967 | 04/02/2022 |
| handy device and process for non-destructive identification of devgad alphonso mango and its ripening percentage | Dr. S. P. Sonavane | 202121012895 | 24/03/2021 |
| water supply system for multistory buildings | Dr. R. R. Rathod | 202121002937 | 21/01/2021 |
| An IoT based Sytem for Security and Door Access Control | Dr. P. K. Kharat | 2021100346 | 20/01/2021 |

Faculty successfully completing courses from foreign universities:

| Sr. No. | Name of the Faculty | Title of the Course | Date of Completion | Name of University |
|---------|---------------------|--|-----------------------|--|
| 1 | Dr. Munavalli G.R. | Effective engineering Teaching in Practice | Feb 2020 | |
| 2 | Dr. Munavalli G.R. | Water Supply Engineering | Jan –April 2022 | |
| 3 | Dr. Munavalli G.R. | Plastic Waste Management | Jan- Mar 2021 | |
| 4 | Mr. J. M. Dabir | German – I | January to April 2022 | IIT Madras |
| 5 | Mr. S D Pujari | Python for Data Science | Jul- Aug 2021 | NPTEL |
| 6 | Ms. A S Pawar | Demystifying Networking | Aug Sept 2021 | NPTEL |
| 7 | Mrs. S. A. Aitwade | Python for Data Science" | Jan-Feb 2022 | SWAYAM |
| 8 | Dr. D. S. More | Introduction to Smart Grid | Sep 2021 | NPTEL, IIT Roorkee |
| 9 | Mr. N. V Patel | Integrated Circuits, MOSFETS, Op-Amps and their Applications | August 21 | NPTEL IISc Bangalore |
| 10 | Mr. N. V Patel | Design of Photovoltaic System | December 21 | NPTEL IISc Bangalore |
| 11 | Dr. A. J. Umbarkar | Patent law for engineer and scientist | 2021-22 | NPTEL |
| 12 | Dr. A. J. Umbarkar | Patent drafting foe beginners | 2021-22 | NPTEL |
| 13 | Dr. A. J. Umbarkar | Roadmap to patent creation | 2021-22 | NPTEL |
| 14 | Dr. A. J. Umbarkar | Innovation by Design | FEB-March 2021 | NPTEL |
| 15 | Dr. U.B.Chavan | Deep Learning-IITM | April 2022 | NPTEL |
| 16 | B.S. Shetty | Cloud Computing and Distributed Systems | March 2022 | NPTEL |
| 17 | M.B. Narnaware | Structuring Machine Learning Projects | October 2021 | Deeplearning.AI |
| 18 | T. A. Mulla | Developing Soft Skills and Personality | Sep 2021 | NPTEL-AICTE under FDP with Elite grade |

2.3 Footprint of Projects and Professional Practices:

Research Projects Completed by the faculty in the last five years

| Year wise | Name of the project | Funding agency/ Industry | Grant Received Rs. Lakhs |
|--|---|--|--------------------------------|
| A. College Funded Minor Projects | | | |
| 2020-21 | Cold Room | TEQIP-III Seed funding | 4.00 |
| 2020-21 | 1. Embedded System Design of “Low cost Ventilator Design”. 2. Design of Control system hardware, PCB, fabrication, Embedded Software and on site testing of Misting Tunnel 3. Design of automatic soap + water dispenser hardware, fabrication, enclosure design and fabrication, testing and completions of 25 prototypes for installation in our college. | Seed fund under TEQIP-III | 2.00 |
| 2019-20 | Real Time Smart Alert Generation System for not wearing mask in high-risk public areas | WCE | 1.60 |
| 2019-20 | Visitor Management System to handle pandemic situation in WCE | | |
| 2020-21 | WCE Connects | | |
| 2018-19 | Development of Certified Training Centre of Siemens Automation and Drives Lab Consisting of i) S7 1200 PLC information Technology HMI System- 6 No’s ii) SINAMICS, 6RA80 Information Technology information Technology DC Motor- 01 No’s SINAMICS G120 Information Technology Information Technology AC Motors- 04 No’s | TEQIP- III | 33.00 |
| B. Other agencies - National and International (Major Projects) | | | |
| 2017-18 | Rationalization of Live Load on Indian Road Bridges | MoRTH, New Delhi | 5.00 |
| 2011-17 | Integrated Domestic wastewater Treatment System with Multi species and Dual media Constructed Wetland”, DST/TM/WTI/2K16/72 | DST, under water technology initiative (WTI-2016) | 40.24 |
| 2016-20 | Studies on Utilization of Water Treatment Sludge on the Verification of Burnt Clay Bricks for Buildings | RPS project 20/AICTE/RIFD/RPS(Policy 1) 50/2013-14, RPS-AICTE- New Delhi | 15.50 |
| 2020-21 | FIST proposal entitled “Servo Hydraulic Loading Frame System with Pseudo Dynamic Test Arrangement for grant of Rs. 1.03 Crore accepted and sanctioned on 5/3/2021 by the DST, by Dr. S. B. Kadam and Dr. S. N. Tande. | DST-FIST2020 | 103.00 |
| 2016-17 | Learning Factory | AICTE | 43.00 |

| Year wise | Name of the project | Funding agency/ Industry | Grant Received Rs. Lakhs |
|-----------|--|---|--------------------------------|
| 2016-17 | Temperature monitoring system (Smart Ladder system) for foundry | RGSTC-TIFAC, Mumbai | 2.95 |
| 2017-18 | Wireless Real-Time Temperature Monitoring System for Foundry Application | RGSTC-TIFAC, Mumbai | 2.95 |
| 2017-18 | Design and Development of Hybrid ORC System | RGSTC-TIFAC, Mumbai | 2.95 |
| 2018-19 | Design and Development of Hybrid water cooler | RGSTC-TIFAC, Mumbai | 2.95 |
| 2019-20 | Health Monitoring of Old Railway Bridges | RGSTC-TIFAC, Mumbai | 2.95 |
| 2019-20 | Development of Bi-Nozzle 3D Printer | Dassault Systems Foundation | 1.00 |
| 2019-20 | Farmbot | Dassault Systems | 2.19 |
| 2020-21 | Floating Solid Waste Collection System | Dassault Systems | 3.00 |
| 2014-15 | Dr. Mrs. S. S. Deshpande -RPS project entitled 'Nonlinear model predictive control design and implementation in FPGA for Embedded applications' | AICTE, Delhi | 10.00 |
| 2016-17 | Dr. V. B. Dharmadhikari -John Deere Research Centre, Dept of Electronics Engg, WCE, Sangli. | John Deere, pune | 2.50 |
| 2016-17 | Dr. Mrs. A. A. Agashe -Seminar Grant 'Pedagogical aspects of Signal Processing' | AICTE, Delhi | 1.00 |
| 2018-19 | Dr. V. B. Dharmadhikari -Margadarshan Grant | AICTE, Delhi | 19.80 |
| 2016-19 | "Intelligent Cognitive Vision Support for an Independent Lifestyle of Elderly People" | Department of Science and Technology (DST) | 17.29 |
| 2019-20 | Smart Surveillance for WCE Campus | TEQIP – III | 0.06 |
| 2013-17 | Performance comparison of Wavelet, Neural and Time domain Reference Current Extraction (RCE) strategies for Power Quality Improvement using Distribution static Compensator (DSTATCOM) based on VSI inverter in dynamic and steady loading conditions. | AICTE | 15.66 |
| 2015-19 | RGSTC-TIFAC MSME Internship Programme in Maharashtra at Walchand College of Engineering , Sangli | Rajiv Gandhi Science & Technology Commission, Government of Maharashtra | 3.48 |
| 2019-20 | Utilization of OFF-Grid solar Photovoltaic energy for the wireless charging of electric vehicles | NPIU, New Delhi, | 14.69 |

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 |
| 2020-21 | Departmental Information Storage and Retrieval Portal | | -- |
| 2020-21 | WCE Maintenance Management System | | -- |
| B. Other agencies - National and International Minor Projects | | | |
| 2020-21 | Fall Alert system for old age nursing home | | -- |
| 2020-21 | Installation of Servo Hydraulic Loading Frame System with Pseudo Dynamic Test Arrangement | DST-FIST ,New Delhi | 103.00 |
| 2020-21 | Study on Seismic Strengthening Technologies and Comparative Assessment of various Retrofit Techniques for URM School Buildings in India | DST-FIST ,New Delhi | 130.00 |
| C. Industry sponsored Minor Projects | | | |
| 2021-22 | Farmer Connect App - Mobile Application | Fresh Express Logistics Pvt Ltd | -- |
| 2021-22 | Employee Attendance and Payroll Management | Fresh Express Logistics Pvt Ltd | -- |
| 2021-22 | Farmer Connect App – Database + Web Portal | Fresh Express Logistics Pvt Ltd | -- |
| C. Industry sponsored Major Projects | | | |
| 2008 onwards | Air Monitoring | MPCB | 16.67 per annum |

Interdisciplinary & Collaborative Research

| Department | Collaboration with | Area of Research |
|------------------------|---|--|
| Civil Engineering | Maharashtra Pollution Control Board, Mumbai | Air quality and noise monitoring in Sangli |
| Mechanical Engineering | BARC, Mumbai, Danfoss | Raisin making process and technology development |
| Electronics | John Deere | Agricultural & Automotive Research |
| C S & Engineering | 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 flooring distortions | Flooring distortion minimizing on GF when plinth filling is done on BC soil available at site |
| Embedded System Design | Automotive and agricultural applications |
| High Performance Computing | Platform for algorithm testing |

Faculty Achievements in last Five Years

| Name of faculty | Prize/Award received | Organization/ Institute | Year |
|-------------------------------------|--|---|------|
| Civil Engineering Department | | | |
| Dr. P.G. Sonavane | Excellent paper award | Received IconSWM-Springer excellent paper award 2017 at 7th International Conference on Solid Waste Management, | 2017 |
| Dr. G.R. Munavalli | Best paper award in First International Conference on Energy and Environment: Global Challenges March 09 & 10, 2018 | Dept., of Chemical Engineering, NIT Calicut. | 2018 |
| Dr. G.R. Munavalli | Best paper award National Conference Recent Trends in Engineering and Technology (NCRET), 24TH March, 2018, Organized by Sharad Institute of Technology, Yadrav. | Sharad Institute of Technology, Yadrav. | 2018 |
| Dr. G.R. Munavalli | Best paper award in National Conference on Advancement and Innovations in Civil Engineering, 2019, Shimoga | in National Conference on Advancement and Innovations in Civil Engineering, 2019, Shimoga | 2018 |

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|---|---|--|---------|
| Dr. G.R. Munavalli | Best paper award 4th International conference on Materials, Mechanics and Management, College of engineering Trivandrum (IMMM2020) | College of engineering Trivandrum (IMMM2020) | 2020 |
| Dr. G.R. Munavalli | Delivered 35 guest lectures as resource person in FDP, STP, and STTPs since 2016. | | 2020 |
| Dr. V.S. Patil | Appointed as a journal reviewer titled American Journal of Engineering and Applied Sciences, A multidisciplinary, Scopus indexed and UGC approved journal with H-index 45. | Journal of Engineering and Applied Sciences, A multidisciplinary, Scopus indexed and UGC approved journal with H-index 45. | 2021 |
| Mr. P.K. Deshpande | Invited and honoured as a chief guest in Karad Architects and Engineers Association's Engineer's Day Programme | in Karad Architects and Engineers Association's Engineer's | 2021 |
| Dr. R.S. Desai | Received UGC grant for Participation in Int. Conference by Elsevier at Spain | Elsevier at Spain | 2018 |
| Dr. R.S. Desai | NPTEL recognises you as an "NPTEL Stars" - "NPTEL_BELIEVERS". | NPTEL Participant | 2020 |
| Dr. K.S. Ghumaste | Best paper award 4th International Virtual conference on Recent Trends in Engineering & Technology organised by Vishwakarma Institute of Information Technology (VISHWACON2021) | Vishwakarma Institute of Information Technology (VISHWACON2021) | 2021 |
| Dr. K.S. Ghumaste | Member of Research Advisory Committee (SUK) for scrutiny of Ph.D. in Civil Engineering | <i>Shivaji university</i> | 2017 |
| Mechanical Engineering Department | | | |
| Prof. Amar Paranjpe | Design and Development of Hybrid Tandom Driven Tricycle, SAE NIS Effi-cycle 2016 at Jalandhar. | SAE NIS Effi-cycle | 2016-17 |
| Prof. A.U. Paranjpe, Prof. Dr. K.H. Inamdar | EFFCAR' 16 Design and development of Efficient Electric Driven Tricycle to present in Effcycle'16 organized by SAEINDIA 2016 Jalandhar, Punjab. | SAEINDIA | 2016-17 |
| Prof.A.P.Patil, Prof. S.D.Jagtap, Dr.S.U.Sapkal | EFFICARS'16 (Season2)_Design and development of Efficient Electric Driven Car to present in Chandigarh | SAEINDIA | 2016-17 |
| Dr. D. S. More, Prof. A.U.Paranjpe | E- BAJA Design and development of E-BAJA Vehicle organized by SAEINDIA 2016, Pritampur, Indore | SAEINDIA | 2016-17 |
| Dr. D. S. More, Prof. A.U.Paranjpe | Design and Development of Hybrid Tandom Driven Tricycle, SAE NIS Effi-cycle 2017 at Jalandhar. | SAEINDIA | 2017-18 |

| | | | |
|--|--|-------------------------------------|---------|
| Dr. D. S. More, Prof. A.U. Paranjpe | E-Baja 2018 competition, at Natrax Pithampur Madhya Pradesh, 1. Winner in Sales and Marketing Presentation 2. Winner in Sled Pull test 3. Best New Driver 4. Second place in Engineering Design Evaluation 5. Second place in lowest cost evaluation | SAEINDIA | 2017-18 |
| Prof. Dr. U.A. Dabade & Prof. A.S. Bhandare | Patent filing on the name of Institute Faculty & student. M. Tech Project related work | IPR | 2018-19 |
| Dr. S.U. Sapkal | First Prize at IMTEX 2019 Academia Exhibition, Bangalore | IMTEX | 2018-19 |
| Prof P.A. Mane, Prof. V. V. Dhende | ISIE – IKR 2018-19 MSME, FMSCI (Ministry of Sports) Buddha International Circuit Greater Noida (UP) India 1. Overall Runner Up Rs. 30,000/- & Trophy 2. Best Design Award Rs. 10,000/- & Trophy 3. Team Spirit Award Trophy | MSME, FMSCI (Ministry of Sports) | 2018-19 |
| Dr. D. S. More, Prof. A.U. Paranjpe | Design and development of Efficient Electric Driven Tricycle to present in EFFI-CYCLE' 18 SAE NIS. 1. Cleared the technical inspection 2. Overall 6 th rank | SAEINDIA | 2018-19 |
| Prof. A.U. Paranjpe, Prof. Dr. D. S. More | SAE BAJA 2019 Virtuals Conducted round, Chitkara University, Chandigarh | SAEINDIA | 2018-19 |
| Prof. A.U. Paranjpe, Prof. Dr. D. S. More | SAE M-BAJA vehicle at BAJA SAE 2019 organized by SAE India, Ropar, Chandigarh 1. 4 th position in cost evaluation 2. Within first 6 teams in design evaluation | SAEINDIA | 2018-19 |
| Dr. S.U. Sapkal | Meritorious Prize for Ingenious Application of CAD/CAE/3DP practices from NAFEMS Conference 2018 | NAFEMS | 2018-19 |
| Dr. S.U. Sapkal and R.M. Chanmanwar | First Prize for Academic Research Project from IMTEX2019 Academia Pavilion | IMTEX | 2018-19 |
| Dr. S.U. Sapkal | Elite+Silver and Topper certificate from NPTEL Course on Design for Quality, Manufacturing and Assembly, IIT Madras | IIT Madras | 2019-20 |
| Dr. S.U. Sapkal | Elite+Gold and Topper certificate from NPTEL Course on Engineering Metrology, IIT Kanpur | IIT Madras | 2019-20 |
| Dr. S.U. Sapkal | Jury Member of Internal Smart India Hackathon 2020 at WCE Sangli | WCE Sangli | 2019-20 |
| Dr. S.U. Sapkal and Dr. K.H. Inamdar | ASME Faculty advisor: Team of 3 students won first prize in Biomimicry Design Challenge; and One student won second prize in the competition OLD GUARD oral presentation at ASME E-FEST 2020 | ASME | 2019-20 |

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|--|---|---|---------|
| R.M.Chanmanwar and Nikita Nagmoti | EFFI-CYCLE' 19 organized by SAE NIS in advance format and ranked 7 th overall | SAEINDIA | 2019-20 |
| Dr. D. S. More and Prof. Amar Paranjape | Design and development of All terrain eBAJA vehicle, M-BAJA 2019 organized by SAE INDIA, Chandigarh | SAEINDIA | 2019-20 |
| Dr. N. D. Pawar | Ph.D. completion at IIT, Delhi (Sr. No. 2013mez8471) | IIT, Delhi | 2019-20 |
| Dr. S. V. Gaikwad | Ph.D. completion at IIT, Roorkee under Q.I.P. award of this Degree (Enrolment No.:14920005) | IIT, Roorkee | 2019-20 |
| R. M. Chanmanwar | Certificate of appreciation to be a guide for a project FATBot- autonomous field bot which was amongst the top 100 projects display to industries under ConnectNext national conference organised by La foundation dassault systems | La foundation dassault systems | 2020-21 |
| Mr. A. B. Admthe | NPTel Swayam Online Course on Student Psychology, NITTTR Chennai | NITTTR Chennai | 2020-21 |
| Mr. R. M.Chanmanwar | EFFI-CYCLE' 20 organized by SAE India in virtual format; awards won: 1. Overall AIR 8 th rank 2. AIR 5 th in Technical Inspection, Design CAE, DVP and DFMEA reports. 3. AIR 8 th in B plan and cost evaluation. 4. AIR 4 th in Organizing committee review | SAEINDIA | 2020-21 |
| Dr. B. S. Gawali | Co-author of "Best presenter award" (General session 10) winning research paper in the CPSE-2021 conference Japan (online) organized by Fukuoka Institute of Technology, Fukuoka, Japan | Fukuoka Institute of Technology, Fukuoka, Japan | 2021-22 |
| Dr. M.M.Khot and Dr. D.A.Patil | M-BAJA 2021, Hyderabad organized by SAEINDIA awards won: 1. First prize in Final Endurance 2. Best in fuel economy 3. Second prize in Acceleration test. | SAEINDIA | 2021-22 |
| Prof. B. N. Naik | Approved name as Engineering Teachers for mentoring by INAE Fellows, INAE Governing Council | INAE | 2021-22 |
| Dr. U. A. Dabade | Reviewer for Peer reviewed International Journal Advances in Mechanical Engineering | Advances in Mechanical Engineering | 2021-22 |
| Electrical Engineering Department | | | |
| Dr. R. P. Hasabe | Working as a Board of Studies members in Electrical Engineering and Technology | Shivaji University, Kolhapur. | 2018 |
| Dr. D. S. More | Working as a Board of Studies members in Electrical Engineering and Technology | Shivaji University, Kolhapur. | 2018 |
| Dr. M.M. Waware | Selected as Joint Secretary | UGC New Delhi | 2022 |

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|--|---|---|---------|
| Mr. A B. Patil | All India Topper Rank & Gold Card with score 99.38 | NPTEL Course on Fuzzy Logic systems and Applications. | 2022 |
| Mr. V P. Mohale | Best Poster Award | Institute Research Day, IIT Roorkee | 2022 |
| Dr. R. P. Hasabe | Worked as a Jury Member | Smart India Hakathon (2020) | 2020 |
| Mr. S.S. Karvekar | Worked as a Jury Member | Smart India Hakathon (2020) | 2020 |
| Electronics Engineering Department | | | |
| Dr. Mrs. S. Subbaraman | Pillars of Indian Society | Asian Chamber of Commerce , Mumbai | 2017 |
| Dr. Mrs. S. Subbaraman | AICTE Adjunct Faculty | AICTE Delhi | 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 |
| Computer Science and Engineering Department | | | |
| Dr. B. F. Momin | Awarded PhD to two students under guidance of Momin sir | Shivaji University | 2019-20 |
| Dr. B. F. Momin | Setup the "ZiMetrics Advanced Data Analytics Lab" through CSE Alumni | --- | 2020-21 |
| Dr. N. L. Gavankar | Awarded PhD | IIT, Roorkee | 2018-19 |
| Dr. M. A. Shah | Awarded PhD | Shivaji University | 2018-19 |
| Ms. S. S. Rokade | Copyright awarded on "Blockchain based healthcare application to preserve and maintain scalability" | --- | 2019-20 |
| Ms. A. S. Pawar | Received Third prize in NVDIA GPU Computing Codeathon 2022 | VIT, AP and NVDIA Deep Learning Institute | 2021-22 |
| Mr. A R Surve | Appointed by MHT-CET cell and DTE as DLO (District Liaison Officer) for conducting MHT-CET examination of entire Sangli district. | --- | 2021-22 |
| Dr. N. L. Gavankar | Contributed as Session Chair at ICCET-2022 | DBATU, Lonere | 2021-22 |
| Dr. N. L. Gavankar | Contributed as reviewer at International Conference on Innovations in Computer Science, Electronics and Electrical Engineering 2022 | ADCET, Ashta | 2021-22 |
| Information and Technology Department | | | |
| Dr. S. P. Sonavane | "50 Fabulous Edutech Leaders" by World Education Congress | WCE Sangli | 2019 |
| Dr. A. J. Umbarkar | Star NPTEL Believers | WCE Sangli | 2021 |
| Dr. A. J. Umbarkar | Completed Ph. D | WCE Sangli | 2016 |
| Dr. R. R. Rathod | Star NPTEL Believers | WCE Sangli | 2020 |

| | | | |
|--|--------------------|--|---------|
| Dr. R. R. Rathod | Completed Ph. D. | WCE Sangli | 2017 |
| Dr. U. B. Chavan | Completed Ph. D | Shivaji University Kolhapur (WCE Sangli) | 2022 |
| Dr. P. K. Kharat | Completed Ph. D | WCE Sangli | 2019 |
| Mr. M. B. Narnaware | DLWiki super notes | WCE Sangli | 2019 |
| Humanities and Science Department | | | |
| B.N. Jamadar | Ph.D. Degree | P.A.H. Solapur University, Solapur | 2021-22 |

Institute Level Best Practices

- **Solar street lighting** facility throughout the campus
- **Rain water harvesting**
- Decentralized **waste water treatment plant** based on natural principles
- **Water for gardening** derived from above.
- **Natural lighting** arrangement in Badminton hall and few labs
- **Training programs for weaker section of the society** and rural population in Sangli District through community service to enable them for self-employment
- Academic flexibility
 - **Interdisciplinary Open/institute electives**
 - **Internship** UG (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**

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 & Placement cell.
- **Financial Assistance**
 - 50% UG (State Government) and 100% PG students (Central Government)
- 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 to other academic institutes, corporate, business houses
 - **Participation** in paper presentation, project competition, quiz contest organized by other institutes
 - **Student transfer** program.
 - **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 analysis of 2019-20:

| Class | Department | 2020-21 | | | | | 2021-22 | | | | |
|----------------------|-----------------|---------|------|------|-------|--------------|---------|------|------|-------|--------------|
| | | Pass | ATKT | Fail | Total | % of Passing | Pass | ATKT | Fail | Total | % of Passing |
| First Year B. Tech. | Civil | 73 | | | 73 | 100.00% | 50 | 19 | | 69 | 100.00% |
| First Year B. Tech. | Mechanical | 70 | 1 | | 71 | 100.00% | 63 | 5 | | 68 | 100.00% |
| First Year B. Tech. | Electrical | 68 | | | 68 | 100.00% | 60 | 9 | | 69 | 100.00% |
| First Year B. Tech. | Electronics | 68 | | | 68 | 100.00% | 59 | 8 | | 67 | 100.00% |
| First Year B. Tech. | CSE | 106 | 1 | | 107 | 100.00% | 96 | 13 | 5 | 114 | 95.61% |
| First Year B. Tech. | IT | 70 | | | 70 | 100.00% | 60 | 6 | 1 | 67 | 98.51% |
| Second Year B. Tech. | Civil | 84 | 2 | | 86 | 100.00% | 70 | 12 | 1 | 83 | 98.80% |
| Second Year B. Tech. | Mechanical | 83 | | | 83 | 100.00% | 69 | 7 | 2 | 78 | 97.44% |
| Second Year B. Tech. | Electrical | 83 | | 2 | 85 | 97.65% | 40 | 33 | 1 | 74 | 98.65% |
| Second Year B. Tech. | Electronics | 82 | | | 82 | 100.00% | 64 | 11 | 2 | 77 | 97.40% |
| Second Year B. Tech. | CSE | 125 | 3 | 1 | 129 | 99.22% | 100 | 15 | 2 | 117 | 98.29% |
| Second Year B. Tech. | IT | 80 | 1 | | 81 | 100.00% | 70 | 7 | | 77 | 100.00% |
| Third Year B. Tech. | Civil | 73 | 1 | | 74 | 100.00% | 63 | 20 | 3 | 86 | 96.51% |
| Third Year B. Tech. | Mechanical | 75 | | | 75 | 100.00% | 75 | 8 | | 83 | 100.00% |
| Third Year B. Tech. | Electrical | 74 | | | 74 | 100.00% | 68 | 13 | 3 | 84 | 96.43% |
| Third Year B. Tech. | Electronics | 72 | 1 | | 73 | 100.00% | 75 | 6 | 1 | 82 | 98.78% |
| Third Year B. Tech. | CSE | 114 | 1 | | 115 | 100.00% | 115 | 12 | | 127 | 100.00% |
| Third Year B. Tech. | IT | 72 | | 1 | 73 | 98.63% | 69 | 11 | | 80 | 100.00% |
| Final Year B. Tech. | Civil | 75 | | | 75 | 100.00% | 72 | | 1 | 73 | 98.63% |
| Final Year B. Tech. | Mechanical | 77 | | | 77 | 100.00% | 75 | | | 75 | 100.00% |
| Final Year B. Tech. | Electrical | 78 | | | 78 | 100.00% | 72 | | 2 | 74 | 97.30% |
| Final Year B. Tech. | Electronics | 77 | | | 77 | 100.00% | 72 | | 1 | 73 | 98.63% |
| Final Year B. Tech. | CSE | 113 | | 1 | 114 | 99.12% | 114 | | 1 | 115 | 99.13% |
| Final Year B. Tech. | IT | 79 | | 1 | 80 | 98.75% | 72 | | 1 | 73 | 98.63% |
| First Year M.Tech. | Civil (ENV) | 20 | | | 20 | 100.00% | 4 | 7 | 3 | 14 | 78.57% |
| First Year M.Tech. | Civil (STR) | 32 | | | 32 | 100.00% | 18 | 11 | 4 | 33 | 87.88% |
| First Year M.Tech. | Mechanical (DE) | 32 | | | 32 | 100.00% | 8 | 8 | | 16 | 100.00% |
| First Year M.Tech. | Mechanical (HP) | 7 | 1 | | 8 | 100.00% | | | | 0 | |
| First Year M.Tech. | Mechanical (PR) | 10 | | | 10 | 100.00% | 1 | | | 1 | 100.00% |
| First Year M.Tech. | Electrical (CS) | 15 | | | 15 | 100.00% | | | | 0 | |
| First Year M.Tech. | Electrical (PS) | 17 | | | 17 | 100.00% | 4 | 1 | | 5 | 100.00% |
| First Year M.Tech. | Electronics | 7 | | | 7 | 100.00% | 4 | 2 | | 6 | 100.00% |
| First Year M.Tech. | CSE | 10 | | | 10 | 100.00% | 4 | 1 | 1 | 6 | 83.33% |
| First Year M.Tech. | IT | 4 | | | 4 | 100.00% | | | | 0 | |
| Second Year M.Tech. | Civil (ENV) | 13 | | 3 | 16 | 81.25% | 18 | | | 18 | 100.00% |
| Second Year M.Tech. | Civil (STR) | 31 | | 2 | 33 | 93.94% | 32 | | | 32 | 100.00% |

| | | | | | | | | | | | |
|---------------------|-----------------|------|----|----|------|---------|------|-----|----|------|---------|
| Second Year M.Tech. | Mechanical (DE) | 30 | | | 30 | 100.00% | 32 | | | 32 | 100.00% |
| Second Year M.Tech. | Mechanical (HP) | 11 | | | 11 | 100.00% | 6 | | | 6 | 100.00% |
| Second Year M.Tech. | Mechanical (PR) | 20 | | | 20 | 100.00% | 8 | | | 8 | 100.00% |
| Second Year M.Tech. | Electrical (CS) | 11 | | | 11 | 100.00% | 14 | | | 14 | 100.00% |
| Second Year M.Tech. | Electrical (PS) | 12 | | | 12 | 100.00% | 17 | | | 17 | 100.00% |
| Second Year M.Tech. | Electronics | 16 | | 1 | 17 | 94.12% | 7 | | | 7 | 100.00% |
| Second Year M.Tech. | CSE | 19 | | 1 | 20 | 95.00% | 8 | | 1 | 9 | 88.89% |
| Second Year M.Tech. | IT | 4 | | | 4 | 100.00% | 4 | | | 4 | 100.00% |
| | | 2292 | 12 | 13 | 2317 | 99.44 | 1932 | 245 | 36 | 2213 | 98.37 |

| Year | FY Admn | DSY Admn | Total | Graduated |
|---------|---------|----------|-------|-----------|
| 2017-18 | 422 | 85 | 507 | 453 |
| 2018-19 | 426 | 55 | 481 | 442 |
| 2019-20 | 464 | 59 | 523 | -- |
| 2020-21 | 457 | 57 | 514 | -- |
| 2021-22 | 454 | 65 | 519 | -- |

GATE Toppers (All India Rank Less Than 5000):

| Sr. No. | Candidate Name | Branch | All India Rank |
|---------|----------------------------|------------|----------------|
| 1 | Venkatesh Mule | Civil | 231 |
| 2 | Rushikesh Patil | Civil | 1181 |
| 3 | Harshal Vijay Motinge | Civil | 4173 |
| 4 | Mayank Arun Sontakke | Mechanical | 133 |
| 5 | Mayank Arun Sontakke | Mechanical | 2938 |
| 6 | Jayesh Sanjay Amrawat | Mechanical | 2204 |
| 7 | MD GULFAM ARZOO | Electrical | 194 |
| 8 | SHIVAM ANANDRAO PATIL | Electrical | 1167 |
| 9 | PRATIK PRADEEP PATIL | Electrical | 1101 |
| 10 | PRATIK PRADEEP PATIL | Electrical | 4414 |
| 11 | ASHUTOSH JAGNNATH PHADTARE | Electrical | 3080 |
| 12 | DIVYA DEEPAK KOLVEKAR | Electrical | 4566 |
| 13 | Subham Sunil Pachpande | IT | 578 (2022) |
| 14 | Subham Sunil Pachpande | IT | 527 (2021) |
| 15 | Shashank Ajit Walke | IT | 446 (2021) |

CAT Toppers (More Than 80%):

| Sr. No. | Candidate Name | Branch | Percentile |
|---------|-------------------------|------------|------------|
| 1 | Raje Akash | Mechanical | 229 |
| 2 | HULLE ANIKET SUBHASH | Electrical | 89.14 |

GRE Toppers (More than 300):

| Sr. No. | Candidate Name | Branch | Marks |
|---------|-----------------|-------------|-------|
| 1 | YASH NASERY | Electronics | 319 |
| 2 | Mayank S. Dadge | Mechanical | 321 |

3.3 Combined Percentage for Placement, Higher Studies and Entrepreneurships:

| Name of student placed | Program graduated from | Name of the employer | Pay package at appointment |
|--------------------------------|------------------------|--------------------------|----------------------------|
| Kumbhar Aishwarya Jagannath | B. Tech Electronics | Vmware | 28 |
| Bedekar Mihir Mahesh | B. Tech Electronics | Cadence Design Systems | 17 |
| Kodavade Ashutosh Dattatraya | B. Tech Electronics | Pavilion | 16 |
| Malpani Sarthak Omprakash | B. Tech Electronics | Pavilion | 16 |
| Sumedh Mukundraj Wasnik | B. Tech Electronics | Nvidia | 14.5 |
| Kumthekar Prathamesh Prashant | B. Tech Electronics | Druva Software Inc | 14 |
| Shinde Pratik Shankarrao | B. Tech Electronics | Pubmatic | 14 |
| Bodake Aditi Bipin | B. Tech Electronics | Veritas Technologies LLC | 11.75 |
| Akolkar Pradyumna Santosh | B. Tech Electronics | Veritas Technologies LLC | 11.75 |
| Kadam Akshay Vijay | B. Tech Electronics | FlexTrade | 11.3 |
| Patil Rasika Kalagonda | B. Tech Electronics | Thoughtworks | 11.1 |
| Dhane Anuja Arun | B. Tech Electronics | Thoughtworks | 11.1 |
| Hake Sanskar Ganpat | B. Tech Electronics | Thoughtworks | 11.1 |
| Nandrekar Sammed Vijay | B. Tech Electronics | Thoughtworks | 11.1 |
| Birle Aniket Sunil | B. Tech Electronics | Siemens DISW | 11 |
| Kulkarni Aboli Makarand | B. Tech Electronics | ACCOLITE DIGITAL | 11 |
| Munde Anushka Ashok | B. Tech Electronics | Siemens DISW | 11 |
| Yutesh Shriram Mohadikar | B. Tech Electronics | Siemens DISW | 11 |
| Kurkute Aniket Dilip | B. Tech Electronics | Siemens DISW | 11 |
| Sutar Samruddhi Pratap | B. Tech Electronics | ACCOLITE DIGITAL | 11 |
| Sonavale Prathmesh Suresh | B. Tech Electronics | FlexTrade | 11 |
| Pawar Onkar Shivaji | B. Tech Electronics | S & P Global | 10.42 |
| Lokhande Abhilasha Sanjaykumar | B. Tech Electronics | S & P Global | 10.42 |
| Kapale Pranav Gajanan | B. Tech Electronics | S & P Global | 10.42 |

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|--------------------------------|---------------------|---|------|
| Bhinge Dhanshree Digambar | B. Tech Electronics | Philips * | 10 |
| Katkade Pranav Madhav | B. Tech Electronics | Publicis Sapiient | 10 |
| Jadhav Swapnali Dinkar | B. Tech Electronics | Seagate Technology HDD | 10 |
| Chadha Keeratkauro Satpalsingh | B. Tech Electronics | Seagate Technology HDD | 10 |
| Vasant Gangadharrao Deware | B. Tech Electronics | Infosys | 9.5 |
| Atkale Avinash Parmeshwar | B. Tech Electronics | T-Systems | 9.5 |
| Kulkarni Piyush Prakash | B. Tech Electronics | TCS Research & Innovation | 9.5 |
| Patil Pratik Dattatray | B. Tech Electronics | Baker & Hughes | 9.5 |
| Patil Sumit Suresh | B. Tech Electronics | Rackware Technologies | 9 |
| Patil Suraj Vijay | B. Tech Electronics | Signify Cooper Lighting Solutions | 8.7 |
| Jaiswal Khushboo Dhruvchand | B. Tech Electronics | Signify Cooper Lighting Solutions | 8.7 |
| Shinde Ashwini Balasaheb | B. Tech Electronics | Mindbody INC | 8.5 |
| Shetye Kirti Ramakant | B. Tech Electronics | Oracle Financial Software Services Ltd. | 8.3 |
| Dharangutte Nikita Shantinath | B. Tech Electronics | Oracle Financial Software Services Ltd. | 8.3 |
| Patel Prachi Raju | B. Tech Electronics | Deloitte Consulting India(Offices of the US) | 7.6 |
| Kulkarni Shounak Shashikanth | B. Tech Electronics | Deloitte Consulting India(Offices of the US) | 7.6 |
| Sourabh Bharat Patil | B. Tech Electronics | Deloitte Consulting India(Offices of the US) | 7.6 |
| Upadhye Ankit Abhaykumar | B. Tech Electronics | Josh Software | 7.6 |
| Sammed Sanjay Chougule | B. Tech Electronics | Josh Software | 7.6 |
| Magdum Priyanka Prashant | B. Tech Electronics | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Bhokare Nisha Nilesh | B. Tech Electronics | Dassault Systems | 7.5 |
| Khandare Ishika Bhaskarrao | B. Tech Electronics | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Kurkure Anuja Ravindra | B. Tech Electronics | Dassault Systems | 7.5 |
| Lad Rutuja Gajanan | B. Tech Electronics | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Thube Shreyash Rajendra | B. Tech Electronics | TCS Digital | 7 |
| Hrishikesh Buddhanand Kamble | B. Tech Electronics | Afour Technologies | 7 |
| Malve Rishikesh Sanjay | B. Tech Electronics | Citius Tech | 6.5 |
| Patil Revati Rajendra | B. Tech Electronics | LTI | 6.5 |
| Patil Dhanashri Nivas | B. Tech Electronics | LTI | 6.5 |
| Sumit Sanjay Swami | B. Tech Electronics | ABS Professional Services (India) Private Limited | 6 |
| Muskan Najir Mulla | B. Tech Electronics | Knorr Bremse | 5.5 |
| Ghadge Siddharth Karbhari | B. Tech Electronics | Knorr Bremse | 5.5 |
| Shubham Shahaji Patil | B. Tech Electronics | Persistent | 4.71 |

| | | | |
|------------------------------|---------------------|--------------|------|
| Masutage Poonam Abhaykumar | B. Tech Electronics | Cognizant | 4.5 |
| Naik Sandesh Shamkant | B. Tech Electronics | LTTTS | 4 |
| Chavan Mayuri Babaso | B. Tech Electronics | Capgemini | 4 |
| Patharwat Hansraj Ramesh | B. Tech Electronics | Accenture | 4 |
| Patil Vaibhav Hambirrao | B. Tech Electronics | Cognizant | 4 |
| Shinde Shivam Laxman | B. Tech Electronics | Wipro | 3.6 |
| Shingade Aarati Avinash | B. Tech Electronics | Wipro | 3.6 |
| Riyaz Harun Mulani | B. Tech Civil | Accenture | 3.5 |
| Yash Ravindra Pawar | B. Tech Civil | Adani | 6.25 |
| Shubham Narayan Rathod | B. Tech Civil | Adani | 6.25 |
| Aniket Sanjay Patil | B. Tech Civil | Adani | 6.25 |
| Renuka Balwant Patil | B. Tech Civil | Black&Veatch | 6 |
| Nikhil Yuvraj Jadhav | B. Tech Civil | Black&Veatch | 6 |
| Rushikesh Suhas Bejgamwar | B. Tech Civil | Cognizant | 4 |
| Mayuri Sanjay Mahamuni | B. Tech Civil | Cognizant | 4 |
| Ubaid Yousuf | B. Tech Civil | Cognizant | 4 |
| Shreyash Mahesh Dhanawade | B. Tech Civil | Cognizant | 4 |
| Tejaswini Virabhadra Yadwad | B. Tech Civil | Cognizant | 4 |
| Shravan Vijay Bhilare | B. Tech Civil | Delloite | 7.6 |
| Aarti Deepak Shinde | B. Tech Civil | Deloitte | 7.6 |
| Digambar Shripad Methe | B. Tech Civil | L&T ECC | 6.72 |
| Shradha Sudhakar Jadhav | B. Tech Civil | L&T ECC | 6.72 |
| Janhvi wasamwar | B. Tech Civil | L&T ECC | 6.72 |
| Rohit Vinod Girhe | B. Tech Civil | L&T Infotech | 5 |
| BHOSALE SANAT SAMPAT | B. Tech Civil | Principal | 8 |
| Vishal Vaijinathrao Shinde | B. Tech Civil | Shapoorji | 3.75 |
| Kunal Lotan Desale | B. Tech Civil | Shapoorji | 3.75 |
| Dhairyashil Dattajirao Patil | B. Tech Civil | Tata Power | 6.5 |
| Krushnat Appaso Patil | B. Tech Civil | Tata Power | 6.5 |
| Dnyaneshwari Uttam Bhat | B. Tech Civil | TCE | 4.5 |
| Ravindra Hauseraw Gawali | B. Tech Civil | TCE | 4.5 |
| Shrushti Udaysing Patil | B. Tech Civil | TCE | 4.5 |
| Harshal Vijay Motinge | B. Tech Civil | TCE | 4.5 |
| Dhanesh Sudam Jadhav | B. Tech Civil | TCE | 4.5 |
| Adesh Nilkanth Badole | B. Tech Civil | TCE | 4.5 |
| Saurabh Mukund Bedake | B. Tech Civil | TCE | 4.5 |
| Pratik Pramod Bodhale | B. Tech Civil | TCE | 4.5 |
| Shreyas Vijaykumar Sadavare | B. Tech Civil | TCE | 4.5 |

| | | | |
|----------------------------------|-------------|----------------------|------|
| Sailee Choudappa Akim | B. Tech CSE | LinkedIn | 37 |
| Rohit Ompalsingh Pal | B. Tech CSE | Amazon | 33 |
| Pagire Shubham Baban | B. Tech CSE | Amazon | 33 |
| Bhale Manmath | B. Tech CSE | Amazon | 33 |
| Prathamesh Ashok Nirmale | B. Tech CSE | Amazon | 33 |
| Abhishek Prakash Bhagate | B. Tech CSE | Amazon | 33 |
| Sudhanshu Pusadkar | B. Tech CSE | Amazon | 33 |
| Kasar Ganesh Shashikant | B. Tech CSE | Google | 52 |
| Yash Vijay Hoke | B. Tech CSE | Amazon | 33 |
| Abhishek Pol | B. Tech CSE | Rakuten | 33 |
| Prathamesh Ramesh Rajput | B. Tech CSE | Rakuten | 33 |
| Smit Dnyanesh Deshmukh | B. Tech CSE | Nutanix | 29 |
| Minal Pandurang Hajagulkar | B. Tech CSE | Vmware | 28 |
| Gadadhani Aditya Umesh | B. Tech CSE | Gupshup Technologies | 25.5 |
| Joshi Abhishek Ganeshrao | B. Tech CSE | Gupshup Technologies | 25.5 |
| Kadam Veerja Vipul | B. Tech CSE | Morgan Stanley | 25 |
| Dipali Maruti Kumbhar | B. Tech CSE | BNY Mellon | 17.3 |
| Nisha Shankar Jadhav | B. Tech CSE | BNY Mellon | 17.3 |
| Mandade Shreyas Sanjay | B. Tech CSE | BNY Mellon | 17.3 |
| Hritik Rakesh Belani | B. Tech CSE | BNY Mellon | 17.3 |
| Savji Suyash Vinod | B. Tech CSE | BNY Mellon | 17.3 |
| Wagh Sushil Prakash | B. Tech CSE | TurtleMint | 16 |
| Gaurav Arora | B. Tech CSE | TurtleMint | 16 |
| Sawan Pandita | B. Tech CSE | TurtleMint | 16 |
| Siddharth Sunil Tandale | B. Tech CSE | TurtleMint | 16 |
| Shreyash Kishor Marwade | B. Tech CSE | TurtleMint | 16 |
| Sayagaon Asawari Sanjay | B. Tech CSE | Druva Software Inc | 14 |
| Abhay Krushnat Shirale | B. Tech CSE | Druva Software Inc | 14 |
| More Abhishek Prakash | B. Tech CSE | Druva Software Inc | 14 |
| Pawar Amisha Madan | B. Tech CSE | Druva Software Inc | 14 |
| Sahilreddy Bhumareddy Bodhkurwar | B. Tech CSE | Druva Software Inc | 14 |
| Bhange Yash Siddharth | B. Tech CSE | Druva Software Inc | 14 |
| Mali Shubham Ramdas | B. Tech CSE | Platform9 | 14 |
| Shubham Vishnu Choudhari | B. Tech CSE | Platform9 | 14 |
| Ajay Rajendra Navgire | B. Tech CSE | Pubmatic | 14 |
| Apurva Vinod Rawal | B. Tech CSE | Pubmatic | 14 |
| Shelke Rushikesh Ramesh | B. Tech CSE | Pubmatic | 14 |
| Narkhede Saurabh Makarand | B. Tech CSE | Pubmatic | 14 |

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|--------------------------------|-------------|--|-------|
| Pratik Suhas Kale | B. Tech CSE | Pubmatic | 14 |
| Prakash Singh | B. Tech CSE | Pubmatic | 14 |
| Rahul Naravadkar | B. Tech CSE | Veritas Technologies LLC | 11.75 |
| Papshetwar Narahari Anandkumar | B. Tech CSE | Veritas Technologies LLC | 11.75 |
| Kamble Akash Dilip | B. Tech CSE | Veritas Technologies LLC | 11.75 |
| Gharge Mahendra Bhimrao | B. Tech CSE | Thoughtworks | 11.1 |
| Sargar Suyash Bharat | B. Tech CSE | Thoughtworks | 11.1 |
| Nanoskar Aditya Uday | B. Tech CSE | Thoughtworks | 11.1 |
| Kalpesh Sevanand Pawar | B. Tech CSE | Thoughtworks | 11.1 |
| Mali Aryan Vijay | B. Tech CSE | Thoughtworks | 11.1 |
| Hirugade Saurabh Raghunath | B. Tech CSE | Thoughtworks | 11.1 |
| Patil Shubham Jiolog | B. Tech CSE | Thoughtworks | 11.1 |
| Jadhav Vishal Manikrao | B. Tech CSE | Siemens DISW | 11 |
| Dhus Kaustubh Anant | B. Tech CSE | Siemens DISW | 11 |
| Shivani Shirishkumar Avasare | B. Tech CSE | Siemens DISW | 11 |
| Aniruddha Sanjay Palekar | B. Tech CSE | Siemens DISW | 11 |
| Gawande Yash Naresh | B. Tech CSE | Siemens DISW | 11 |
| Shinde Pooja Vishnu | B. Tech CSE | Siemens DISW | 11 |
| Janardhan Haridas Salgar | B. Tech CSE | ACCOLITE DIGITAL | 11 |
| Sarthak Shivgonda Patil | B. Tech CSE | ACCOLITE DIGITAL | 11 |
| Payal Shirish Yadav | B. Tech CSE | ACCOLITE DIGITAL | 11 |
| Raut Kiran Laxman | B. Tech CSE | ACCOLITE DIGITAL | 11 |
| Gheware Prathmesh Shivshant | B. Tech CSE | S & P Global Public | 10.42 |
| Poul Krishna Vinod | B. Tech CSE | S & P Global Public | 10.42 |
| Kamble Sumedh Avinash | B. Tech CSE | S & P Global Public | 10.42 |
| Prachi Sanjay Waware | B. Tech CSE | NCR Corporation | 10 |
| Suradkar Shraddha Pramodrao | B. Tech CSE | Rackware | 9 |
| Anupam Shandilya | B. Tech CSE | Mindbody INC | 8.5 |
| Rutuja Shivaji Patil | B. Tech CSE | Mindbody INC | 8.5 |
| Shivani Dattatray Jadhav | B. Tech CSE | Mindbody INC | 8.5 |
| Patil Vaishnavi Shahaji | B. Tech CSE | Mindbody INC | 8.5 |
| Tavishi Dinesh Suvarna | B. Tech CSE | Mindbody INC | 8.5 |
| Shweta Nandkumar Arbune | B. Tech CSE | Mindbody INC | 8.5 |
| Darade Rohan Dayanand | B. Tech CSE | Oracle Financial Software Services,Ltd | 8.3 |
| Tanmay Bharat Padale | B. Tech CSE | Afour Technologies | 8 |
| Shivaduth Mahajan Jakore | B. Tech CSE | Afour Technologies | 8 |
| Bele Shivprasad Munjarao | B. Tech CSE | Josh Software | 7.6 |

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| Modak Darpan Rangashyam | B. Tech CSE | Deloitte Consulting India(Offices of the US) | 7.6 |
| Megha Valmik Kesare | B. Tech CSE | Deloitte Consulting India(Offices of the US) | 7.6 |
| Moreshwar Manohar Sonawale | B. Tech CSE | Deloitte Consulting India(Offices of the US) | 7.6 |
| Shital Sanjay Chavan | B. Tech CSE | Deloitte Consulting India(Offices of the US) | 7.6 |
| Shreyas Rajaram Patil | B. Tech CSE | Dassault Systems | 7.5 |
| Satpute Siddharth Sunil | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Nida Saher Aslam Mujawar | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Revati Arjun Jadhav | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Anuja Somnath Mehendre | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Shruti Rajendra Mohite | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Sakshi Brijesh Biyani | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Zade Aditya Shribhoj | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Shivkanya Birajdar | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Patrikar Kunal Panditrao | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Gaikwad Mayuri Dnyaneshwar | B. Tech CSE | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Vidhan Shah | B. Tech CSE | Eaton Innovation & Technology Center | 7 |
| Vaishnavi Gajanan Pise | B. Tech CSE | Eaton Innovation & Technology Center | 7 |
| Apurva Ashwinkumar Patil | B. Tech CSE | Eaton Innovation & Technology Center | 7 |
| Gaurav Arora | B. Tech CSE | Eaton Innovation & Technology Center | 7 |
| Bhate Nishi Monit | B. Tech CSE | Eaton Innovation & Technology Center | 7 |
| Pallavi Mukind Bansode | B. Tech CSE | Eaton Innovation & Technology Center | 7 |
| Rishika Rajendra Kalebag | B. Tech CSE | Eaton Innovation & Technology Center | 7 |
| Galande Tulsi Rajaram | B. Tech CSE | Citius Tech | 7 |
| Samyak Sukumar Kabure | B. Tech CSE | Accenture | 6.6 |
| Shivsamarth Mahesh Deshmukh | B. Tech CSE | Persistent | 4.71 |
| Devmore Anant Rajendra | B. Tech CSE | Cognizant | 4 |

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| Atram Amit Sainath | B. Tech CSE | Accenture | 4 |
| Mayur Ramchandra Pawar | B. Tech IT | Amazon | 33 |
| Korke Pankaj Shivraj | B. Tech IT | Amazon | 33 |
| Suryawanshi Mousmi Milind | B. Tech IT | VMware | 28 |
| Chavan Sumeet Ashok | B. Tech IT | Goldman Sachs | 23 |
| Arwade Rutuja Nitin | B. Tech IT | Lowe's India | 19 |
| Jadhav Rohit Mhatardeo | B. Tech IT | Espressif | 17.5 |
| Dhondugade Yash Nandakishor | B. Tech IT | Espressif | 17.5 |
| Savani Shirish Kanhere | B. Tech IT | Cadence Design Systems | 17 |
| Deshmukh Pranil Sunilrao | B. Tech IT | Cadence Design Systems | 17 |
| Shrikant Devidasrao Khawale | B. Tech IT | Turtlemint | 16 |
| Aayush Hemant Shah | B. Tech IT | Druva Software INC | 14 |
| Tiwary Sourav Rammanohar | B. Tech IT | Druva Software INC | 14 |
| Sudhanshu Rajendra Dhage | B. Tech IT | Druva Software INC | 14 |
| Anup Sanjay Kolhe | B. Tech IT | Pubmatic | 14 |
| Vivek Subhash Dhumal | B. Tech IT | Pubmatic | 14 |
| Kale Vaibhav Sahebrao | B. Tech IT | Pubmatic | 14 |
| Raturaj Gajanan Patil | B. Tech IT | Pubmatic | 14 |
| Aniruddha Bajirao Patil | B. Tech IT | Pubmatic | 14 |
| Aadit Dinesh Patil | B. Tech IT | Pubmatic | 14 |
| Kale Suraj Shivaji | B. Tech IT | Pavilion | 13 |
| Dev Atharva Shriram | B. Tech IT | Veritas Technologies LLC | 11.75 |
| Vaishnavi Dhananjay Katgaonkar | B. Tech IT | Veritas Technologies LLC | 11.75 |
| Atharvi Dipak Mali | B. Tech IT | Thoughtworks | 11.1 |
| Shubham Sunil Pachpande | B. Tech IT | Thoughtworks | 11.1 |
| Akbani Amin Arif | B. Tech IT | Thoughtworks | 11.1 |
| Jamdade Kirtee Gitaram | B. Tech IT | Siemens DISW | 11 |
| Yadnesh Surendra Deshpande | B. Tech IT | Siemens DISW | 11 |
| Shubham Sundarrao Jadhav | B. Tech IT | Siemens DISW | 11 |
| Bhushan Onkar Bisen | B. Tech IT | Accolite Digital | 11 |
| Harshvardhan Rajaram Kadam | B. Tech IT | Siemens DISW | 11 |
| Dhak Dhawal Dadarao | B. Tech IT | Accolite Digital | 11 |
| Shirsath Vaishnavi Rajendra | B. Tech IT | Accolite Digital | 11 |
| Chaugule Piyush Kumar | B. Tech IT | S & P Global Public | 10.42 |
| Ghawas Shubham Rajendra | B. Tech IT | Publicis Sapient | 10 |
| Kolekar Vaibhav Sanjay | B. Tech IT | NCR Corporation | 10 |
| Amol Rajvinod Dongarwar | B. Tech IT | Rackware Technologies Pvt. Ltd. | 10 |
| Bhise Aniket Sunil | B. Tech IT | NCR Corporation | 10 |

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| Sadanande Ashupriya Anil | B. Tech IT | Publicis Sapient | 10 |
| Bhushan Namdeo Mahajan | B. Tech IT | T Systems | 9.75 |
| Shinde Pratik Balkrushna | B. Tech IT | T Systems | 9.75 |
| Mansi Sudhakar Kamble | B. Tech IT | Bakers and Hughes | 9.5 |
| Aishwarya Ratnakar Gutte | B. Tech IT | Signify Cooper Lighting Solutions | 8.7 |
| Rajhans Madhura Vaibhav | B. Tech IT | Signify Cooper Lighting Solutions | 8.7 |
| Shivansh Shashwat Jha | B. Tech IT | Mindbody INC | 8.5 |
| Harshad Ashok Lokare | B. Tech IT | Mindbody INC | 8.5 |
| Sneha Lahariya | B. Tech IT | Mindbody INC | 8.5 |
| Patil Renuka Rajaram | B. Tech IT | Mindbody INC | 8.5 |
| Jadhav Vaibhav Hanmant | B. Tech IT | Oracle Financial Software Services Ltd. | 8.3 |
| Parth Raina | B. Tech IT | Oracle Financial Software Services Ltd. | 8.3 |
| Meshram Abhishek Bhaskar | B. Tech IT | AFour Technologies | 8 |
| Shantanu Vijay Gaigawali | B. Tech IT | AFour Technologies | 8 |
| Patil Pooja Mahavir | B. Tech IT | AFour Technologies | 8 |
| Shinde Piyush Prashant | B. Tech IT | Deloitte Consulting India(Offices of the US) | 7.6 |
| Kapratwar Vaishnavi Shivkumar | B. Tech IT | Deloitte Consulting India(Offices of the US) | 7.6 |
| Shinde Nikhil Shivaji | B. Tech IT | Deloitte Consulting India(Offices of the US) | 7.6 |
| Kotti Yash Balu | B. Tech IT | Dassault Systems | 7.5 |
| Wadkar Sarita Gajanan | B. Tech IT | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Rohad Sanchay Karamchand | B. Tech IT | Dassault Systems | 7.5 |
| Kapre Avinash Uttam | B. Tech IT | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Yogesh Sanjay Hasabe | B. Tech IT | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Sandesh Satish Kurade | B. Tech IT | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Patil Nikita Pramod | B. Tech IT | TCS Digital | 7 |
| Parsewar Samiksha Shirish | B. Tech IT | Eaton Innovation & Technology Center | 7 |
| Rushikesh Balaji Pedge | B. Tech IT | Accenture | 4 |
| yash santosh pawar | B. Tech IT | Cognizant | 4 |
| Patil Avanti Shivaji | B. Tech IT | Accenture | 4 |
| Bansod Yogita Siddharth | B. Tech IT | Wipro | 3.6 |
| Shaikh Mujif Munirsab | B. Tech Electrical | Nvidia* | 14.5 |
| Sutar Maneesh Vidyadhar | B. Tech Electrical | Thoughtworks | 11.1 |

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|------------------------------|--------------------|--|-------|
| Deshmukh Swedaj Jagdish | B. Tech Electrical | S & P Global Public | 10.42 |
| Kumbhar Viraj Rajaram | B. Tech Electrical | S & P Global Public | 10.42 |
| Hulle Aniket Subhash | B. Tech Electrical | S & P Global Public | 10.42 |
| Jagtap Asmita Shivaji | B. Tech Electrical | Philips | 10 |
| Asutkar Greeshma Sudhakar | B. Tech Electrical | Schneider Electric | 10 |
| Patil Rajvardhan Nandkumar | B. Tech Electrical | Philips | 10 |
| Koshti Daneshwari Suresh | B. Tech Electrical | Schneider Electric | 10 |
| Mujawar Suhana Mahamadrafik | B. Tech Electrical | TCS Research & Innovation | 9.5 |
| Shinde Manisha Jayvant | B. Tech Electrical | Rackware Technologies | 9 |
| Gapat Sudarshan Dhananjay | B. Tech Electrical | HUL | 8.5 |
| Mahajan Aniruddha Anil | B. Tech Electrical | Oracle Financial Software Services Ltd. | 8.3 |
| Muttewar Omkar Rajurao | B. Tech Electrical | JSW | 8 |
| Rathod Dayasagar Vyankatesh | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Mali Sandesh Madhukar | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Bodke Jayant Dilip | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Desai Madhur Yashpal | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Md Gulfam Arzoo | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Deo Shritej Harshad | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Kolvekar Divya Deepak | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Shingne Sahil Shyamal | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Kuntewar Tushar Nivrutti | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Jangam Rushikesh Parling | B. Tech Electrical | Deloitte Consulting India(Offices of the US) | 7.6 |
| Phakade Apoorva Shirish | B. Tech Electrical | Dassault Systems | 7.5 |
| Sonawane Akash Vilas | B. Tech Electrical | NICE Interactive Solutions India Pvt. Ltd | 7.5 |
| Khot Rajashri Tukaram | B. Tech Electrical | Dassault Systems | 7.5 |
| Mali Vishal Gangappa | B. Tech Electrical | Dassault Systems | 7.5 |
| Kugne Nagesh Bapurao | B. Tech Electrical | Altimetrik | 7 |
| Patil Shivam Anandrao | B. Tech Electrical | Eaton Innovation & Technology Center | 7 |
| Shirsath Somesh Hemendra | B. Tech Electrical | Accenture | 6.6 |
| Choudhari Manjiri Nandkishor | B. Tech Electrical | Citus | 6.5 |
| Ubhate Yash Sharad | B. Tech Electrical | Citus | 6.5 |

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|---------------------------------|--------------------|--|------|
| Patmase Shreyash Devidasrao | B. Tech Electrical | Adani Group | 6 |
| Belsare Yogiraj Tukaram | B. Tech Electrical | Tata Power | 6 |
| Phadtare Ashutosh Jagannath | B. Tech Electrical | Adani Group | 6 |
| Patil Pooja Shankar | B. Tech Electrical | Adani Group | 6 |
| Khadke Shreyash Gajanan | B. Tech Electrical | Tata Power | 6 |
| Meshram Anmol Arun | B. Tech Electrical | Tata Power | 6 |
| Sambrekar Chaitanya Sanjay | B. Tech Electrical | L & T Engg & Construction | 6 |
| Potdar Shreyas Sharad | B. Tech Electrical | Tata Power | 6 |
| Mahale Akshay Rajaram | B. Tech Electrical | Adani Group | 6 |
| Koshti Swarupa Rajendra | B. Tech Electrical | Adani Group | 6 |
| Birajdar Shrikant Shivaji | B. Tech Electrical | Adani Group | 6 |
| Muley Narendra Dattatraya | B. Tech Electrical | Siemens Limited | 5.6 |
| Powar Siddhesh Anil | B. Tech Electrical | Siemens Limited | 5.6 |
| Bhosale Ashwini Shankar | B. Tech Electrical | Siemens Technology and Services Pvt Ltd. | 5.6 |
| Wagh Pratiksha Dnyaneshwar | B. Tech Electrical | HARMAN | 5.5 |
| Kavande Rutuja Balasaheb | B. Tech Electrical | Atlas Copco India Ltd | 5.5 |
| Gaikwad Sakshi Udhav | B. Tech Electrical | HARMAN | 5.5 |
| Khude Pratiksha Datta | B. Tech Electrical | Bosch Global | 5 |
| Raju Raina | B. Tech Electrical | Persistent | 4.71 |
| Mane Vaishnavi Laxman | B. Tech Electrical | TCE | 4.5 |
| Kohale Shraddha Vikram | B. Tech Electrical | Cognizant | 4 |
| Gujale Payal Vijay | B. Tech Electrical | Accenture | 4 |
| Dhage Akash Raju | B. Tech Electrical | Accenture | 4 |
| Powale Chaitanya Subhash | B. Tech Electrical | Cognizant | 4 |
| Gore Sangram Suryabhan | B. Tech Electrical | Cognizant | 4 |
| Bhumbar Shailesh Harishchandrao | B. Tech Electrical | Wipro | 3.6 |
| Miss.AKSHADA RAHUL KARADE | B. Tech Mechanical | Siemens DISW | 11 |
| Miss.JADHAV DHANSHRI MACHHINDRA | B. Tech Mechanical | Siemens DISW | 11 |
| Miss.VAISHNAVI VENKATRAO LANGAR | B. Tech Mechanical | Philips | 10 |
| Mr.PAWAN POPAT PATIL | B. Tech Mechanical | Philips | 10 |
| Mr.ABHISHEK GIRISH KARAJGAR | B. Tech Mechanical | Schneider Electric | 9 |
| Miss.JANHVI KISHOR HARNE | B. Tech Mechanical | Cooper lightning Solutions | 8.7 |
| Miss.PALLAVI ANAND DINGARE | B. Tech Mechanical | Cooper lightning Solutions | 8.7 |
| Miss.TANAYA SATISH PHADATARE | B. Tech Mechanical | Cooper lightning Solutions | 8.7 |
| Mr.SHREYAS NITIN DHISALE | B. Tech Mechanical | Cooper lighting solutions | 8.7 |
| Miss.KHOT AKSHATA AJIT | B. Tech Mechanical | HUL | 8.5 |
| Miss.APURVA KALIDAS SAWANT | B. Tech Mechanical | Oracle | 8 |

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|-------------------------------------|--------------------|-------------------|-----|
| Miss.SAKSHI SUNIL KENDALE | B. Tech Mechanical | Oracle | 8 |
| Mr.VIKRANT BALWANT NIKUMBHE | B. Tech Mechanical | JSW | 8 |
| Mr.SHUBHAM SHARAD PATIL | B. Tech Mechanical | JSW | 8 |
| Mr.VINAYSINH MADHAVSINH THAKUR | B. Tech Mechanical | JSW | 8 |
| Mr.SURAJ VAIJANATH BIRADAR | B. Tech Mechanical | Mercedes Benz | 8 |
| Miss.SAMRUDDHI MAHESH LANGADE | B. Tech Mechanical | JSW | 8 |
| Mr.ROHAN KASHINATH PATIL | B. Tech Mechanical | Mercedes Benz | 8 |
| Mr.MUKUL DIWAKAR PAUNIKAR | B. Tech Mechanical | Mercedes Benz | 8 |
| Mr.MAYANK SHEKHAR DADGE | B. Tech Mechanical | Deloitte | 7.6 |
| Mr.MANDAR SANTOSHKUMAR NAKIL | B. Tech Mechanical | Deloitte | 7.6 |
| Mr.DANDGAVHAL ABHISHEK GOKUL | B. Tech Mechanical | Deloitte | 7.6 |
| Mr.SURWADE GAURAV SIDDHARTH | B. Tech Mechanical | Deloitte | 7.6 |
| Mr.MANTRI RUSHIKESH DEEPAK | B. Tech Mechanical | Deloitte | 7.6 |
| Mr.CHARWAK SUBHASH KOSHTI | B. Tech Mechanical | Dassault Systemes | 7.5 |
| Mr.PRATHAMESH PRASHANT KERKAR | B. Tech Mechanical | EIIC | 7 |
| Mr.SARTHAK VIPUL SHAHA | B. Tech Mechanical | EIIC | 7 |
| Mr.YUGAL SUBHASH ZOPE | B. Tech Mechanical | EIIC | 7 |
| Mr.SWAROOP DIPAK SAWANT | B. Tech Mechanical | EIIC | 7 |
| Miss.RAMAIYA YUGMI HIMANSHU | B. Tech Mechanical | EIIC | 7 |
| Mr.SARANG SANTOSH KHADSANG | B. Tech Mechanical | EIIC | 7 |
| Mr.ANAND DATTATRAY REVGADE | B. Tech Mechanical | EIIC | 6.8 |
| Mr.SOHAN ANNARAO OLAFWAR | B. Tech Mechanical | Aker Solutions | 6 |
| Mr.SIDDHANT PANDURANG WADKAR | B. Tech Mechanical | L and T | 6 |
| Miss.PADMASHREE ABHAY PATIL | B. Tech Mechanical | Worley Parson | 5.5 |
| Mr.BHAGWANT DNYANDEO SIRSAT | B. Tech Mechanical | Atlas Copco | 5.5 |
| Miss.AWANI RAVINDRA PATLE | B. Tech Mechanical | FIAT | 5.1 |
| Mr.HIMANSHU PRABHAKAR PINGE | B. Tech Mechanical | FIAT | 5.1 |
| Miss.AISHWARYA RUPESH SHINDE | B. Tech Mechanical | Siemes Core | 5 |
| Mr.KRUSHNKANT RAMESHWAR GILDA | B. Tech Mechanical | Siemens Core | 5 |
| Mr.ARHEET NITEEN KUMBHOJKAR | B. Tech Mechanical | Siemens Core | 5 |
| Mr.JOYAN SHARUKH BHATHENA | B. Tech Mechanical | LTI | 5 |
| Mr.DIPAK SHIVRAJ KALOJI | B. Tech Mechanical | Renishaw | 5 |
| Mr.AKSHAY DAYANAND BIRAJDAR | B. Tech Mechanical | Renishaw | 5 |
| Mr.VENKATESH ISHWARRAO KAHALEKAR | B. Tech Mechanical | Renishaw | 5 |
| Mr.PRASHANT AMBADAS GUNJAL | B. Tech Mechanical | Accenture | 4.5 |
| Mr.TEJAS BHALCHANDRA SATHAYE | B. Tech Mechanical | TCE | 4.5 |
| Miss.SNEHAL SAMPAT ADAKE | B. Tech Mechanical | TCE | 4.5 |

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|---------------------------------|--------------------|-----------|-----|
| Miss.MAHADEVI BAPU KADAM | B. Tech Mechanical | TCE | 4.5 |
| Mr.RANJEETSINH MAHENDRA MANE | B. Tech Mechanical | TCE | 4.5 |
| Mr.ANIKET RAMESH CHOUGULE | B. Tech Mechanical | TCE | 4.5 |
| Miss.PAWAR SONALI HANMANT | B. Tech Mechanical | TCE | 4.5 |
| Mr.SOURABH SADASHIV PATIL | B. Tech Mechanical | Accenture | 4.5 |
| Mr.ADITYA SHRIKANT VINCHURKAR | B. Tech Mechanical | LTTS | 4 |
| Mr.PRAJWAL YOGESH HONKALAS | B. Tech Mechanical | Cognizant | 4 |
| Mr.SARVASHRI SHASHI CHOUDHARI | B. Tech Mechanical | Cognizant | 4 |
| Miss.MANALI MAHESHKUMAR BONGALE | B. Tech Mechanical | Cognizant | 4 |
| Mr.ROHAN JALINDAR MHASKE | B. Tech Mechanical | Cognizant | 4 |
| Mr.SOURABH KUNDAN PATIL | B. Tech Mechanical | Wipro | 3.6 |
| Mr.ASHITOSH SHARAD KSHIRSAGAR | B. Tech Mechanical | Wipro | 3.6 |
| Mr.SURAJ BASGONDA KOLI | B. Tech Mechanical | Infosys | 3.5 |

DREAM COMPANIES



Our Recruiters

CORE COMPANIES



IT COMPANIES



3.4 Extra-Curricular Activities and other Achievements:

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 |

3.5 Student Activities

SOFTA

In this ever-expanding world of competition, in order to be successful, one needs to demonstrate his/her distinct abilities before others. For the effective performance of an engineering student in the corporate world, it is essential that he/she should not only excel in the technical domain but also focus on a range of abilities, which include work ethics, teamwork, self-discipline, self-confidence, communication skills, leadership skills, time management and much more.

■ Activities & Events

1. Weekly Club Services :
2. Club service is a platform where students from all years can participate to enhance their soft skills like eloquence, team work, time management, etc. The lead representative for this activities is Mr. Sarvashri Choudhary(Chief Club Service Designer).
3. Guest Webinars:. The main aim of planning any guest session is to acquaint the club members and other students about different domains, higher education, corporate career, startups & entrepreneurship, competitive exams, etc. .
4. Experience Sharing Sessions :This is the new series of sessions, started this year. The final year student members of the club arrange some Placement guidance & experience sharing sessions.. These sessions were conducted once in a month.
5. CALIBER Caliber is a 2-day mock campus event held by SOFTA exclusively for SOFTAites and board members of the club who organize Impulse.
6. IMPULSE 2022 :
Impulse is the very first mega event held in the college after welcoming the freshers every year. This event has got tremendous response not only from students of WCE but from other nearby colleges also.
7. Student Induction Programme were some of the highlights of Softa.
8. Platinum Jubilee Alumni Meet 2022

The image displays three promotional materials for SOFTA activities:

- Left Panel:** A poster for 'IMPULSE 22 EXCEL THE EXCELLENCE'. It features a brain icon and lists five rounds: 1. Ingenium, 2. Syndicatus, 3. Skillflare, 4. Colloquium, and 5. Investlia. It includes contact information for organizers like Prof. A. R. Surve and Mr. Prathamesh Kerkar.
- Center Panel:** A screenshot of a Zoom meeting titled 'e-SIP Inauguration Address by AICTE Chairman Dr. Anil Sahasrabudhe'. It shows a grid of participants and a list of addresses from various AICTE and NCC-IP members.
- Right Panel:** Two smaller posters. The top one is titled 'Theory' and 'Activity 1 - Presentation' with a 'GLIMPSES OF CS-3' theme. The bottom one is titled 'Reader' and 'Activity 2 - Reformation'.

Walchand Linux Users' Group

Various activities were conducted by the group in this academic year in Online mode.

1. CS – Linux & Open Source was conducted on 4 June, 2021
2. CS – POSIX Standards on 11 June 2021
3. CS - Hands On: Javascript 1 and Javascript I, CS - Basics of Android Development, CS - Networking in Linux, CS - Edge Computing, CS - Booting Process were the activities conducted.
4. Expert Talk on Cybersecurity by – Suhas Desai [Senior Vice President, Aujas Cybersecurity]
5. Metamorphosis 2k22 was conducted on 19 and 20 March 2022 in online mode
6. CS - Data Science was conducted on 2 April 2022

Topics covered- Open Source Technologies: Git, Shell & Torrent, Blockchain & Docker, Linux introduction, its commands, file system. Beneficiaries were the students of Engineering. All activities were conducted in online mode.

YIN-PACE Report

Walchand Young Inspirators Network visited the Snehaband Centre for Elderly care .They elderly people were pleased to meet the youngsters who communicated with them lovingly.The elderly people forgot about their problems and worries and participated in sports, sang songs and danced with the students. The students of YIN along interacted and brought joy in the lives of those old people who were living in the Snehaband Home for elderly people.

अन्... अभियंत्यांच्या भेटीने आजो-आजोबा गेले भारावून

सकाळ वृत्तसेवा

सांगली, ता. २ : येथील वालचंद कॉलेज ऑफ इंजिनिअरिंगमधील विद्यार्थ्यांनी विश्रामबागच्या वृद्धाश्रमासह स्नेहबंध केअर सेंटरला भेट देऊन आजो-आजोबांशी संवाद साधला. आपुलकीने विचारपूस करून कौटुंबिक सुखापासून वंचित राहिलेल्या आजो-आजोबांच्या चेहऱ्यावर हास्य फुललेच; शिवाय डोळ्यात आनंदाश्रूही तरळले. त्याचबरोबर धरपासून सेवा



संगली : सकाळ माध्यम समूहाच्या 'विन' आयोजित वृद्धाश्रम व स्नेहबंध केअर सेंटरला भेट देऊन ज्येष्ठोपेक्षी संवाद साधताना वालचंद कॉलेज ऑफ इंजिनिअरिंगची तरुणाई.

सुश्रुतिमिक्त लांब असलेल्या आणि उदारवयात नातवांच्या सुख-संवादाला पारखे झालेले स्नेहबंध सेवा

चौकशी महत्वाची असते. प्रेमाचे दोन शब्द खंगलेल्या शरीराला उर्जा देऊन जातात. हौच बाब लक्षात घेऊन विद्यार्थ्यांना त्यांचे दुःख समजावे, यासाठी 'पेस'च्या विद्यार्थ्यांनी वृद्धाश्रमाला भेट देण्याचे ठरवले. मुलांनी दिलेल्या भेटिने ज्येष्ठ नागरिक सुखावले. काहीना आपल्या नातवंडाना भेटल्याचे समाधान चेहऱ्यावर दिसत होते. सकाळ माध्यम समूहाच्या

'यंग इन्स्पिरॅटर्स नेटवर्क' (यिन) च्या सहविद्यमाने हा योग साधण्यात आला. यिन प्रतिनिधी व पीएसईईचे अध्यक्ष हेमंग पंड्या, आशिता गुप्ता यांनी समन्वय साधला. ईसीएसईचे चेअरपर्सन ए. आर. सर्वे, सल्लागार ए. बी. पाटील यांनी मार्गदर्शन केले. द्वितीय व तृतीय वर्ष अभियांत्रिकी विद्यार्थ्यांनी संयोजन केले. विद्यार्थ्यांनी आजो-आजोबांसाठी कसमपूक कार्यक्रम घेतला. आजो-आजोबांही वय विसरून यात सहभागी झाले. नृत्य, गाणी, खेळांमधून त्यांनी आनंद लुटला. ज्येष्ठ नागरिकांना विद्यार्थ्यांनी

भेटवसू दिल्या. आजो-आजोबांना भेटल्यानंतर त्यांना सतत आ आणि संवादाची गरज असलेल्या विद्यार्थ्यांनी अनुभवातून सांगितले. स्नेहबंध सेवा केंद्र हे एक कुटुंब आहे. येथे येऊन आजोबा आल्यासारखे वाटले. नातेसंबंध टिकवून ठेवण्यासह आपुलकीची भावना जोपासणे किती महत्वाचे आहे, याची शिकवण मिळाल्याचे विद्यार्थ्यांनी सांगितले. वृद्धांच्या ओठांवर फुललेले हसू तरुणांला समाधान देणारे असल्याची भावना व्यक्त झाली.

MESA-MESC

MESA-MESC (Mechanical Engineering Students' Association - Mechanical Engineering Students' Chapter) is one of the leading departmental associations in Walchand College of Engineering, Sangli. Established back in 1976, the club has been consistent in setting out an example of excellence every year. Its prime Moto is to develop and improve various skills including technical knowledge, aptitude, management, communication skills, presentation skills, team management, general awareness etc. inorder to make the students ready for the professional world..

The event VERTEX was held in online from 14 and 15 April 2022 under guidance of Prof. P A Mane (staff advisor MESA MESC) and Dr. K.H.Inamdar (HOD, Mechanical Engineering Department). Coordinated by Ms.Sejal Bali president MESA MESC Mr. Siddhant Gujar Vice-President MESA MESC. Participants eligible for this event where engineering students from all branches currently studying in UG or Diploma courses,convincing ability. The events were also designed to uphold and develop better levels of technical as well as non-technical skills.

- 1.Sub-event name: STARTUPRENEUR speaker for the event Mr. Nitin Banait Founder and CEO TESLA EV Academy India Pvt. Ltd., Founder and CEO ESakhi EV fleets India Pvt. Ltd., Founder and CEO EV sunbeam Powverindia Pvt. Ltd.
2. Sub-event name: ENTREVISTA Ms. Devashree Masker (senior Business Analyst at Kearney) was interviewer for this event.
3. Sub-event name: PRESENTATIO-All this judges were from Walchand College of engineering, Sangli.

Total number of participants= 274 .Participants other than students of Walchand college of Engineering=117

Walchand College of Engineering, Sangli
(Government-Aided Autonomous Institute)
Mechanical Engineering Students' Association Mechanical Engineering Students' Chapter

VERTEX'22
DISCOVERING TALENT EXPLORING INTELLIGENCE
A State Level Technical Symposium

Scan this code

INIZIO
Max participation - 1
Samruddhi - 8007759812 (40/-)

AUTOVERSE
Max participation - 1
Shubhangi - 8080041788 (40/-)

STARTUPRENEUR
Max participation - 2
Omkar - 9373053064 (50/-)

PRESENTATIO
Max participation - 1
Sejal-7083432715 (40/-)

CADVENGERS
Max participation - 1
Prathamesh-9322550054 (35/-)

ENTREVISTA
Max participation - 1
Siddhant - 9172423303 (40/-)

Kedar Kulkarni- 8459100404

Sponsored by- **PRASADITI** **FinIQ** **ONE BITE**

14th & 15th April 2022
9 am onwards

PRIZES UPTO
RS. 15000/-

Director: Dr. P.H Sawant
Chairperson(Extra curricular activities): Prof. A.R Surve
HOD Mech. Dept.: Dr. K.H. Inamdar
Staff Coordinator: Prof. P.A. Mane
President: Ms. Sejal Bali

Rotaract Club

About Rotaract On February 23, 1975, the Rotaract Club of WCE Sangli was instituted for the undergraduate students of Walchand College of Engineering, Sangli. Student members not just from Maharashtra but hailing from all over India constituted the club. Highly enthused student-Rotaractors involved in curricular, co-curricular, and extra-curricular activities produced outstanding results in academics and some other fields. These objectives are achieved by the four AVENUES of club that are: Club Service Avenue Professional Development Service Avenue Community Service Avenue International Service Avenue.

List of events with brief discussion:

1. CLUB SERVICE AVENUE: FE ORIENTATION MEET An event which is organized under Club Service Avenue every odd semester for the newly admitted freshers, where they are acquainted with the functioning of the club, its activities, what the club is and how it helps each Rotaractor to gain a positive outcome from it.

2. PROFESSIONAL DEVELOPMENT SERVICE AVENUE: GET - IT (Graduate Engineers' Test and Interview Techniques): GET-IT was conducted for the Second year and Third year Rotaractors to get the experience of the placement process by creating a Virtual Company for recruiting Rotaractors.

3. COMMUNITY SERVICE AVENUE: नवोदय The Event 'Dirghayu - The greatest wealth is health.' under the mega event of 'नवोदय - Let's rise by lifting others.' of Community Service Avenue was held from 26th September 2021 to 2nd October 2021.

4. INTERNATIONAL SERVICE AVENUE: Global Mandate - Global Quest for Noble Cause Global Mandate - Global Quest for Noble Cause, an event under International Service Avenue was successfully conducted on the 30th of April and 1st of May 2022 on Zoom Platform.

Rotaract
Club Of WCE Sangli

WALCHAND COLLEGE OF ENGINEERING, SANGLI
Rotaract Club Of WCE Sangli

FE ORIENTATION

Date : 11th January, 2022
Time : 5.45 pm
Platform : MS Teams

@wcerotaract
@www.wcerotaract.org
@rotaractclubofwcesangli
@rotaractclubofwcesangli

| | | | | |
|-------------------------------------|---|--|---------------------------------------|--|
| DR. P. H. SAWANT Director | PROF. ANIL SURVE Chairman Students' Welfare | PROF. C. H. WAGH Staff Advisor | RTR. NIKITA PATIL President | RTR. SIDDHI LOKHANDE Secretary |
|-------------------------------------|---|--|---------------------------------------|--|

Learning is our precept.

Students' Association of Information Technology

1. Tech-Talks - A Series of Alumni Interaction Sessions (Online) Chief speakers were Mr. Saurav Gaikwad, (SDE Sharechat), Mr. Saurabh Pande (SDE Phonepay), Mr. Aniket Lahamge (SDE Veritas) Miss. Shraddha Devkar (ENO Credit Suisse)
2. Sanwad – Celebrating Teachers (Online) was conducted On 9 September 2022
3. TECHFUSION 2022 (Online) was conducted on 26 and 27 March 2022. Guest of honour was Guest of Honor was Mr. Vitthal Kavitate, alumni of WCE (IT batch 2008), SDE II at AWS, Houston, USA.
4. Workshop on Networking conducted on 7 and 8 April 2022



ACM

1. SYNANTO'22 GIM Meet 2022 -IN ONLINE MODE ON 7 January 2022
2. Webinar on placement preparation and competitive programming, Session by Sakshi Sharma SE at Microsoft
3. Roadmap for Web development
4. 6th Research Symposium On computing RSC 2022 Held in Hybrid (Offline + Online) 21 -23 April 2022.

Keynote Speakers for RSC 2022:

1. Dr. Xavier Chelladurai Director, Human Resource Development Centre Christ University, India
2. Dr.P.H.Anantha Desik Managing Consultant Analytics & Algorithm, Tools & Technology Group, Tata Consultancy services, India
3. Dr. Chai Ching Tan Rajamangala University of Technology Rattanakosin, Thailand
4. Prof.A.Senthil Rajan Professor and Director, Department of Computational logistics, Alagappa University, Tamil Nadu.

5. Webinar on Mindbody Campus Connect, Women in Tech. Session by : Neela Kaushal, Senior Product Manager, Mindbody Software. The session was especially for women students.
6. WCE Hackathon 22 was conducted in online mode. Novice Track: First year students Expert Track: Second Year Students Third Year Students Fourth Year Students

Personality Advancement Circle of Engineers

Every year Personality Advancement Circle of Engineers, conducts STAND-OUT, which is an event exclusively for the first years, who start their journey as an Walchandite. This event is generally conducted to induce a sense of bonding and add an essence of corporate requirements via a Healthy competition.

The event is based on a theme and is collectively conducted by Assistant and Chief Board, and is led by respective PDEs. The event was conducted on 19 and 20 of February.

This year the Theme was of “Legislature Working and Passing of Bill”, The Participants were directed as Politicians and were checked for various qualities like Writing Skills, confidence, team-work, enthusiasm, problem-solving and analytical skills, decision making, etc. They were passed through three rounds, with appropriate shortlisting.

2. 'Regimen' was a club service conducted to make the audience aware of fitness. The club service started with News Session making the students aware of the latest news. It was further followed by an Informative session where different Fitness Mantras were given. A writing session was conducted on email writing thereby teaching the audience about the mailing skill. Pace Talk was conducted on the topic of 'Sky isn't the limit' thereby giving some amazing information about the Indian Air force. GBA session was conducted on Photo talks.

**PERSONALITY ADVANCEMENT
CIRCLE OF ENGINEERS**

PRESENTS

REGIMEN

News Session
Info Session - The Fitness Mantra
Writing Session - Get Mailed
Pace Talk - Sky isn't the limit
GBA - Photo Talks

10th Oct, 2021 4:00 p.m. Google meet

Connect with us: @wcepace

7 WAYS TO OVERCOME FAILURE!!

- Emotionally Motivating Environment
- Plan Your Next Actions
- Turn Mistakes into Lessons
- Don't Pity Mistakes
- Find Inspiration
- Re-Evaluate
- Expect Best Results

Electrical Engineering Students' Association (EESA)

EESA is a students' organization pioneered in technical activities, founded by Dr. U Gudar. It is the first technical club established 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.

Activities conducted in AY 2021-2022:**1. EESA TALK**

The main objective of the EESA talk is to have an interaction with the alumni who are now great leaders in their field and to gain knowledge from them.

- 1) Talk 1 by Nachiketa Deshmukh: 24 October, 2021 No. of Attendees: 85
- 2) Talk 2 by Aditya Mande : 13 November, 2021 No. Of Attendees: 91
- 3) Talk 3 by Mr. Akshay Satpaise:: 09 January, 2022 No. Of Attendees:
- 4) Talk 4 by Mr. Tushar Khobragade
- 5) Talk 5 by Mr. Aditya Joshi : 13 February, 2022 No. of Attendees- 75
- 6) Talk 6 by Gulfam Arzoo (AIR 194 GATE 2022)
- 7) Technocrat 2K22 (Online)

TECHNOCRAT K22 was conducted in Online mode On 16 and 17 April 2022**ACES**

ACES(Association of Computer Science and Engineering Students)is the Departmental club of Walchand College of Engineering, Sangli and was established in 1995. It aims at grooming the students technically, professionally and logically along with inculcating social values and principles of personal excellence in friendly environment. It is a platform of the students, by the students and for the students and strongly believes in growing together.

ACTIVITY DETAILS:

Main Board Review was held on 4August 2021.CodeFusion 21.9, Guest Session on DSA, by Mr.Sumit Danekar was held in the month of September.

Other activiyies include Transcend Initiative Session 1, Transcend Initiative Session 2, Newton School's Decoding Contest, Transcend Initiative Session 3, CodeFusion 22.02, TECHUMEN'22,Newton School Grand Coding Contest, Platinum Jubilee Meet.

Students from SY and TY participated in the events. Students from all branches participated in Newton School Grand Coding Contest.

The Guest speakers include Mr.Sumit Danekar, Mr. Kanhaiyalal Yadav, Mr. Shubham Patil and Mrs. Amruta Barawade.

OBJECTIVE:

1. To enhance the performance of the club members both technically and non-technically., provide a competitive environment for developing and showcasing skillset, encourage students to participate in competitions to test and develop their skills,to provide a platform for developing a network with industry-level experts and to encourage school students to take part in technical activities.

4. OUTREACH AND INCLUSIVITY

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

Activity Conducted:

| Name of Event | Details of Event | Name of Event Coordinator | Date of Event |
|---|---|-------------------------------------|--|
| Civil Engineering Department | | | |
| Use of AI in Construction Industry | A two Days workshop by Mr. Ajinkya Bawase , Founder Feynman Innovations Pvt.Ltd. | Dr. S. N. Tande | 29 and 30 November 2021 |
| Indian society for Structural engineering | Student chapter | Dr. V.S. Patil | 15 September 2020 to 15 September 2021 |
| Concrete Mix Proportioning - A Codal Provisions of IS 10262: 2019 | Workshop | Dr. A.K. Mali | 26 May 2021 |
| Concrete Technology | Guest lecture by Mukund Joshi | Dr. A.K. Mali | 17 November 2021 |
| Parent's Meet | Parent's Meet | Dr. A.K. Mali | 24 November 2021 |
| World Environment Day | Guest Lecture by Dr. S. S. Shaha, KIT | Mr. B.R. Kavathekar | 5 June 2021 |
| माझी वसुंधरा अभियान | PowerPoint Presentation Competition organized by WCE, Sangli and SMK Corporation | Mr. B.R. Kavathekar | 25 June 2021 |
| Mechanical Engineering Department | | | |
| Internship meet for B Tech and M Tech. students | One day meet by MESA MESC at ISRO Speaker: Shri Prerak Chitanis Scientist/Engineer Class-1 ISRO Ahmadabad | Prof. P. A. Mane, Dr. K. H. Inamdar | 20 September 2021 |
| State level event VERTEX | 2 day Technical event | Mr. P.A. Mane | 14 to 15 April 2022 |
| Open House event | One day event for outside persons | Mechanical Department | 21 April 2022 |
| Project Exhibition | One day event for outside persons | Mechanical Department | 21 April 2022 |
| Webinar on Noise, Vibration & Harshness and Industrial Applications | Webinar for students | Mr. P.A. Mane | 25 June 2022 |
| Electronics Engineering Department | | | |
| Training on spreadsheets | WCE -WIC arranged training on spreadsheets for nonteaching staff | Dr. V. B. Dharmadhikari | September 2021 |
| Role of creativity and design thinking in modern world | An expert talk by alumni Dr. Ravi Mahamuni | Dr. V. B. Dharmadhikari | September 2021 |
| Artificial intelligence and Machine Learning | Workshop | Dr. Mrs. A.A. Agashe | September 2021 |
| Let's Simulate | An expert talk by alumni Mr. Sukrut Tamhankar | Dr. Mrs. A.A. Agashe | October 2021 |

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|---|---|---|-----------------------------|
| Object Oriented Programming in Gaming Engines and for developing high end games | Mr. Akshay Dharmadhikari | Dr. Mrs. A.A. Agashe | October 2021 |
| Meeting on Student Projects | Mr. Sagar Mehendale Technology Manager at Morrison , England, UK | Dr. Mrs. A.A. Agashe | October 2021 |
| Use of OOP in VLSI | An expert talk by alumni Ms. Deepali Kanoje | Dr. Mrs. A.A. Agashe | October 2021 |
| Industry 4.0 | AICTE - ISTE sponsored FDP | Dr. Mrs. A.A. Agashe | 28 February to 5 March 2022 |
| Computer Science and Engineering Department | | | |
| 2-day workshop arranged on Parallel Programming using accelerators | Workshop | Dr. Mrs. M.A. Shah Ms. A.S. Pawar | 8 to 9 November 2021 |
| Intellectual Property Rights, Start-up & Innovations | Workshop | Dr. Mrs. M.A. Shah, Ms. S. S. Rokade | 10 December 2021 |
| Menstrual hygiene session by Global Hunt Foundation for Girl students | Webinar | Dr. Mrs. M.A. Shah, Ms. S. S. Rokade | 21 October 2021 |
| Research Symposium on Computing 2022 | Conference | Dr. Mrs. M.A. Shah | 21 to 23 April 2022 |
| WCE Hackathon 2022 | Hackathon | Dr. Mrs. M.A. Shah | June 2022 |
| Information and Technology Department | | | |
| Network and security | Alumni Interactive Expert talk by Swapnil Patanekar, CEO, Shreshta IT & Network Security Engineer, Belagavi | Dr. D.B .Kulkarni | 20 November 2021 |
| RIT- OBE | RIT- OBE Workshop. Baramati College- Lecture.SIT- Academic Auditor. | Dr. S. P. Sonavane | 2021 |
| Docker: Free and Open-Source Visualization Tool | A one-day workshop on “Docker: Free and Open-Source Visualization Tool” Speaker Mr. Gaurav Ashtikar, Applied AI Consulting Pune. | Dr. A.J. Umbarkar, A.M. Khot | 16 October 2021 |
| IPR in Industry | Expert lecture under IPR by Mr. G. Trikukar, President, Skillmet Tech , Pune | Dr. R.R. Rathod | 12 June 2021 |
| AIML in software Industry | Expert lecture by Mr. Vijendra Naik, Project Manager AT & T, Pune | Dr. R.R. Rathod | 2021 |
| Data mining in software industry | Expert lecture by Dr. S. Rathore, Asst Prof, IT dept, ABVIIT& M, Gwalior | Dr. R.R. Rathod | 2021 |

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| NAAC | Online Workshop On NAAC | Dr. R.R. Rathod | 13 to 18 December 2021 |
| GPS Technology | Dr. Shravan Ram Cofounder, Ishra Pvt. Ltd. & Assistant Professor, Madanapalle institute of Technology & Science, Andhra Pradesh | Dr. R.R. Rathod | 12th March 2022 |
| GIS Application/Technology for IT Engineers | Dr. Veerendra Yadav Research Assistant, IIT Roorkee Topic- Expert Lecture | Dr. R. R. Rathod | 26 March 2022 |
| Image Analysis | Dr. Abhishek Bhatt Associate Professor, GCOE, Pune Topic- Expert Lecture | Dr. R. R. Rathod | 19 March 2022 |
| Hands-On session on LATEX | Dr. Renuka Patil Assistant Professor, GITAM University, Bengaluru, Karnataka Topic- Two days' workshop | Dr. R. R. Rathod, B. S. Shetty | 11 to 12 February 2022 |
| Visual Computing | Expert session by the eminent speaker Dr. M. V. Kulkarni, VIT, Pune via online mode | Dr. U.B. Chavan | 24 September 2021 |
| Open GL | Expert lecture by Dr. M. V. Kulkarni , VIT Pune | Dr. U.B. Chavan | 2021 |
| Java for Beginners | Mr. Aatul Palandurkar International Coach and Author Topic- One day workshop | Dr. U. B. Chavan T. A. Mulla | 26 February 2022 |
| Data Protection software industry | Expert lecture by Mr. Nilesh Dhakras, Veritas Pune | B.S. Shetty | 2022 |
| 8085 Microprocessor | Expert lecture by Dr. A.P. Vaidya, | Dr. P. K. Kharat | 2021 |
| HTML and CSS for Beginners | Mr. Aatul Palandurkar International Coach and Author Topic- One day workshop | M. B. Narnaware | 20 February 2022 |
| Advanced Python | Fortune line Pvt Ltd | M.B. Narnaware | 2021 |
| AWS Cloud | Mr. Vikas Upadhyay Operisoft, Ahmedabad Topic- AWS Cloud | M. G. Rathi | 21 February 2022 |
| NAAC | Online Workshop | M. G. Rathi | 13 to 18 December 2021 |
| College Life & Professional Life | Mr. Devendra Pallakhe JP Morgan, Plano, Texas Mr. Mihir Vora Capital One, Richmond, Virginia Topic- Alumni Talk | A. M. Khot , T. A. Mulla | 22 February 2022 |
| HTML | Mr. Aniket Lahamge - Veritas, Topic- One day | A. M. Khot | 5 February 2022 |

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| | workshop | | |
| Competitive Exam | Mr. Swagat Patil ACP, Delhi Police | A. M. Khot | 29 January, 2022 |
| Scheduling Algorithm | Expert lecture on Scheduling Algorithm by Mrs. Rashmi Bhat, SJEM, Palghar for third year students | A. M. Khot | 4 September, 2021 |
| Humanities and Science Department | | | |
| Student Induction Program | Conducted as a committee member for Student Induction Program (SIP) at Walchand College of Engineering, Sangli. | Prof. A.A. Powar | 20 to 28 January 2021 |

Guest Lectures Organized by Faculty:

| Name of Faculty | Place | Subject | Date of Lecture |
|---|------------|--|-----------------|
| Mechanical Engineering Department | | | |
| Prof. M. M. Khot, Prof. V. V. Dhende | WCE Sangli | Geometrical dimensioning & Tolerancing by Mr. D. B. Kulkarni (Technical guest lecture series from Walchand Alumni) | 2 July 2021 |
| Prof. P. A. Mane, Dr. K. H. Inamdar | WCE Sangli | GURU VANDANA by Dr. N. S. Dharmadhikari | 4 Sept. 2021 |
| Prof. P. A. Mane, Dr. K. H. Inamdar, Prof. A. S. Patil, Prof. Dr. D. A. Patil | WCE Sangli | Advanced laser- based diagnostics of atomization and sprays by Dr. Aniket P. Kulkarni | 18 Sept. 2021 |
| Prof. P. A. Mane, Dr. K. H. Inamdar | WCE Sangli | Internship meet for B Tech and M Tech students at ISRO by MESA MESG by Shri Prerak Chitanis, Scientist/Engineer Class-1 ISRO Ahmadabad | 20 Sept. 2021 |
| Dr. S. U. Sapkal, Dr. K. H. Inamdar | WCE Sangli | Aircraft performance and airline planning by Mr. Mandar Velankar | 5 Oct. 2021 |
| Prof. P. A. Mane, Dr. K. H. Inamdar, Prof. J. M. Dabir | WCE Sangli | Study and job opportunities in US | 23 Oct. 2021 |
| Prof. P. A. Mane | WCE Sangli | Hybrid Electric Vehicle | 22 Nov. 2021 |
| Prof. A S Patil, Prof. P A Mane | WCE Sangli | Guest session on Recent Trends in Air-conditioning | 30 Dec. 2021 |
| Dr. K H Inamdar | WCE Sangli | Guest session on Toyota learning and Development India Division | 22 Nov. 2021 |
| Dr. S U Sapkal, Dr. K H Inamdar | WCE Sangli | Guest session on Aircraft performance & Airline planning | 20 Oct. 2021 |
| Prof. J M Dabir, Dr. K H Inamdar | WCE Sangli | Guest session on Introduction of machine learning | 18 Feb. 2022 |
| Prof. J M Dabir, Dr. K H Inamdar | WCE Sangli | Guest session on Fundamentals of Neural Network | 18 Feb. 2022 |
| Prof. J M Dabir, Dr. K H Inamdar | WCE Sangli | Guest session on Cyber security | 18 Feb. 2022 |
| Prof. J M Dabir, Dr. K H Inamdar | WCE Sangli | Guest session on Basics of Networking | 18 Feb. 2022 |

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| Prof. J M Dabir, Dr. K H Inamdar | WCE Sangli | Guest session on cloud computing | 19 Feb. 2022 |
| Prof. J M Dabir, Dr. K H Inamdar | WCE Sangli | Guest session on cloud manufacturing | 19 Feb. 2022 |
| Prof. J M Dabir, Dr. K H Inamdar | WCE Sangli | Guest session on Virtual and Augmented Reality | 11 March 2022 |
| Dr. M M Khot, Dr. K H Inamdar | WCE Sangli | Guest session on Structural optimization using CAE tools | 16 March 2022 |
| Prof. J M Dabir, Dr. K H Inamdar | WCE Sangli | Guest session on Big Data Analytics | 25 March 2022 |
| Mr. P.A. Mane | WCE Sangli | Webinar on Noise, Vibration & Harshness and Industrial Applications by Dr. Mohan Godase, PhD (University of Iowa, USA) | 25 June 2022 |
| Electrical Engineering Department | | | |
| Mr. M. S. Mahagaonkar | Online | Alumni Interactive Session on Solar PV System and Battery Technology | 29 Sept. 2021 |
| Mr. S. S. Karvekar | Online | Expert Lecture on Use of PSIM in Engineering Applications | 18 Oct. 2021 |
| Mrs. S. P. Diwan | Online | Guest Lecture on DSTATCOM Control | 9 Nov. 2021 |
| Mr. S. S. Karvekar | Online | Expert Lecture on Control System using MATLAB & Simulink | 11 Nov. 2021 |
| Mrs. M. M. Tamhankar | Online | Guest lecture on Project Based Learning | 15 Dec. 2021 |
| Mrs. A. A. Dhamangaonkar | Online | Guest lecture on Research Opportunities for Electrical Engineers: Intra-disciplinary and Inter-disciplinary | 28 Dec. 2021 |
| Mr. S. S. Medhekar | Online | Guest Lecture on Digital Signal Processing Fundamentals & Filter Design | 4 Jan. 2022 |
| Mr. A. K. Koshti | Online | Guest lecture on Writing Research Article and Paper Publications | 11 Feb. 2022 |
| Mr. A. N. Inamdar | Online | Guest lecture on Public Policy 101: Getting Started" | 4 March 2022 |
| Dr.M.M.Waware | WCE, Sangli | Guest Lecture on "Recent Trends in Electrical Engineering" | 27 May 2022 |
| Ms P.R.Khade | Online | Guest Lecture on "Power Quality Monitoring and Analysis of Indian Low Voltage Networks" | 7 June 2022 |
| Computer Science and Engineering Department | | | |
| Mr. S. D. Pujari | WCE, Sangli | Software Testing | 28 April 2022 |
| Mr. S. D. Pujari | WCE, Sangli | Github | 14 Feb. 2022 |
| Mrs. M. A. Shah | WCE, Sangli | Cloud Computing | 30 April 2022 |
| Information and Technology Department | | | |
| Dr. U. B. Chavan | WCE Sangli | 3d Graphics using OpenGL | 24 Sept. 2021 |
| Dr. R. R. Rathod | WCE Sangli | IPR in Industry | 12 June 2021 |
| A. M. Khot | WCE Sangli | Multidimensional OLAP | 12 June 2021 |
| A. M. Khot | WCE Sangli | Process Scheduling | 04 Sept. 2021 |
| Humanities and Science Department | | | |
| Dr S V Sabnis , IIT bombay | WCE | Statistics and its application | 12 Nov. 2022 |

Events Attended by Faculty:

| Name of Event | Details of Event | Name of Faculty | Date of Event |
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| Civil Engineering Department | | | |
| Techno– Economic Solution for Sustainable Municipal Solid Waste Management for Development of Smart Cities in India | Short Term Training Program organized by Department of Chemical Engineering IPS Academy Indore Institute of Engg. & Science, Bhopal | Dr. P.G. Sonavane | 15 Sept. 2021 |
| Integrated waste management for a smart city | Workshop | Dr. G.R. Munvalli | July-Oct 2021 |
| Outcome based education and NBA Tier I preparation | One day workshop | Dr. G.R. Munvalli | 26 Sept., 2021 |
| Quality of Distributed Water in Urban Water Networks and its Modelling | AICTE Training And Learning (ATAL) Academy Sponsored Online Faculty Development Program | Dr. G.R. Munvalli | 4 August 2021 |
| Supply and Treat water treatment systems | AICTE Training And Learning (ATAL) Academy Sponsored Online Faculty Development Program | Dr. G.R. Munvalli | 28 Nov. 2021 |
| Application of Nanotechnology in Water and Wastewater Treatment | Two day Faculty Development Workshop | Dr. G.R. Munvalli | 13 and 14 January 2022 |
| An Overview of Recent Advances in Water and Wastewater Treatment Technologies | Two day Faculty Development Workshop | Dr. G.R. Munvalli | 10 and 11 January, 2022 |
| Green Technology and Sustainable Engineering | Resource Person for One week Online AICTE Training and Learning (ATAL) Academic One week FDP organized by Dept. of Civil and Environmental Engg., Kolhapur Institute of Technology Kolhapur. | Dr. K.S. Ghumaste | 26 Nov. 2021 |
| Seismic Damage Mitigation of Structures (SDMS-2021) | A advanced course by Conducted by CSIR-SERC, Chennai | Mr. B. B. Sawant | 1 to 3 Dec. 2021 |
| Repair Rehabilitation and Retrofitting of RCC structures | One Week AICTE-ISTE refresher course | Mr. B. B. Sawant | 20 to 27 Jan 2022 |
| Recent Trends in Concrete Technology | STTP | Dr. A. K. Mali | 5 to 09 July 2021 |
| Repair, rehabilitation and retrofitting of RCC Structures | Refresher program | Dr. A. K. Mali | 20 to 27 Jan 2022 |
| FICCI Summit | Summit | Dr. P.G. Sonavane | 2021 |
| The Environment – Mental and Physical Space | An online session by Christoph Schiebold International Montessori School, Brussels, Belgium | Dr. P.G. Sonavane | 23 July 2021 |
| Municipal Solid Waste Management in Developing Countries | Workshop | Dr. P.G. Sonavane | July-Oct 2021 |

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| Aspects of Sustainable Construction Practices | AICTE Training And Learning (ATAL) Academy Online Elementary FDP | Dr. K. S. Gumaste | 3 to 7 Jan 2022 |
| Constructed wetland- A low cost waste management system | AICTE Training And Learning (ATAL) Academy Sponsored Online Faculty Development Program | Dr. G.R. Munavalli | 29 Nov. 2021 |
| Supply and Treat water treatment Systems | AICTE Training And Learning (ATAL) Academy Sponsored Online Faculty Development Program | Dr. G.R. Munavalli | 28 Nov. 2021 |
| Decentralized wastewater treatment- A case study of Engineering College campus | Case study | Dr. G.R. Munavalli | 18 June 2021 |
| Mechanical Engineering Department | | | |
| Manufacturing : Hindsight to Foresight | FDP | Dr. S. V. Gaikwad | 16-20 July 2021 |
| Advanced Research Methodology | FDP | Mr. J. M. Dabir | 26- 30 July 2021 |
| Use of Advanced Computational Tools in Optimization for Engineering Researchers | FDP | N. S. Nagmoti | 12- 17 July 2021 |
| IEEE Authorship and OA Symposium | Symposium | Dr. K. H. Inamdar, Mr. J.M. Dabir | 26 Aug. 2021 |
| Recent Trends in Mech Engg. | STTP | Prof. J.M. Dabir | 27 Sept. to 2 Oct. 2021 |
| Restructuring of PhD (Mechanical Engineering) course work syllabus | Workshop | Dr. M. M. Khot | 1 Oct. 2021 |
| Training on Google Spreadsheet | Training | Mr. B.K. Sanadi, Mr. S.B. Dabade | 12-13 Oct. 2021 |
| Relevance of IEEE standards in an Engineer's career growth | IEEE Webinar | Prof. J.M. Dabir | 14 Oct. 2021 |
| Hybrid Electric vehicle | Webinar | Mr. P. A. Mane, Prof. J.M. Dabir | 22 Nov. 2021 |
| AI For ALL | FDP | Prof. J.M. Dabir | 22-26 Nov. 2021 |
| Third International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2021) | Conference | Dr. S. U. Sapkal | 25-26 Nov. 2021 |
| Online workshop on NAAC | Training Program | Dr. U. A. Dabade, Dr. M. M. Khot | 13-18 Dec. 2021 |
| Inculcating Universal Human Values in Technical Education | FDP | Prof. J.M. Dabir | 13-17 Dec. 2021 |
| Nanotechnology: Synthesis, Characterization and Applications of Nano-Materials in Engineering and Science | FDP | Prof. R. M. Chanmanwar | 17-22 Jan. 2022 |
| Expression of Excellence Event to celebrate La Foundation Dassault Systemes India's 5 Year Celebrations | Event | Dr. S. U.Sapkal, Prof. R.M. Chanmanwar | 27 Jan. 2022 |
| Emerging Trends in Electro Hydraulic and Pneumatic System | STTP | Dr. K.H. Inamdar and Prof. J.M. Dabir | 21-25 Feb. 2022 |

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| Latex Software | FDP | Prof. A.S. Patil | 2 March 2022 |
| Groundwater: Making the Invisible Visible. | Webinar | Dr. M.M. Khot | 22 March 2022 |
| Smart India Hackathon (SIH) 2022 National level competition | Event | Dr. S.S. Sutar | 25 March 2022 |
| National Conference on Advances in Science, Engineering and Technology for Sustainable Development (NCASETSD-2022) | Reviewer for National Conference | Dr. K.H. Inamdar | 20-21 May 2022 |
| National Conference on Advances in Science, Engineering and Technology for Sustainable Development (NCASETSD-2022) | Reviewer for National Conference | Dr. U.A. Dabade | 20-21 May 2022 |
| German – I | Online NPTEL Course | Mr. J.M. Dabir | January-April 2022 |
| Electrical Engineering Department | | | |
| Introduction to Smart Grid | FDP | Dr. D. S. More | July-Sept. 2021 |
| Excellence in Higher education- Perspective of NEP | FDP | Dr. D. S. More | 18-22 Dec. 2021 |
| Design of Photovoltaic system | Online FDP | Dr. D. S. More | July-October 2021 |
| Embedded system Design | Training | Mr. A.B. Patil | 17-31 July 2021 |
| Type 1 and Type 2 Fuzzy system | ATAL FDP | Mr. A.B. Patil | 6-10 Dec. 2021 |
| Fuzzy Logic systems and Applications | FDP | Mr. A.B. Patil | Dec-July 22 |
| Design of Photovoltaic system | Online FDP | Mr. N.V. Patel | July-OCT 2021 |
| Trends & Challenges in Electric Vehicles Engineering | FDP | Mrs. S.P. Diwan | 20-24 Sept. 2021 |
| Fundamentals of Electric Vehicles | FDP | Mrs. S.P. Diwan | 25-29 Oct. 2021 |
| Electric Vehicle Engineering | FDP | Dr. R. P. Hasabe | 25-29 Oct. 2021 |
| Electric Vehicle Engineering | FDP | Mr. S.S. Karvekar | 25-29 Oct. 2021 |
| Power Electronic Systems and its Real Time Control Implementation in DSP | FDP | Mr. S.S. Karvekar | 8 -12 Nov. 2021 |
| Research Methodology and Optimization Techniques | FDP | Mr. S.S. Karvekar | 13-17 Dec. 2021 |
| Industrial Automation with PLC HMI and SCADA | STTP | Ms. P. R. Khade | 14-18 Sept. 2021. |
| Introduction to Electric Vehicles Challenges & Opportunities in Future | FDP | Ms P. R. Khade | 20-24 Sept. 2021 |
| Advances in Control Systems & Sensor Technologies | FDP | Ms P. R. Khade | 27 Nov. to 1 Dec. 2021 |
| Power Electronics for Power systems | FDP | Ms P. R. Khade | 6-10 Dec. 2021 |
| Challenges in Evolving Power System | FDP | Mr. M.S. Mahagaonkar | 22-27 Nov. 2021 |
| Smart Grid & Electric Vehicles | FDP | Mrs. A.A. Dhamangaonkar | 4-8 Oct. 2021 |

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| Smart Grid and Electric Vehicle | FDP | Mrs. M.M. Tamhankar | 4-8 Oct. 2021 |
| Control Design Onramp with Simulink by Mathworks: Training services | STTP | Mrs. M.M. Tamhankar | 19 Nov. 2021 |
| Power Electronics for Power System | Online FDP | Mrs. M.M. Tamhankar | 6-10 Dec. 2021 |
| Control Design Onramp with Simulink by Mathworks: Training services | STTP | Mrs. M.M. Tamhankar | 17 March 2022 |
| LaTeX for students, Engineers and Scientists | STTP | Mrs.M.M.Tamhankar | 14 Feb-31 May 2022 |
| Advances in FEA using ANSYS 2021 R2 | Online FDP | Mr. A. N. Inamdar | 17 to 27 August 2021 |
| Recent Advances and Application of IOT in Renewable Energy Technologies | Online FDP | Mr. A. N. Inamdar | 23-27 August 2021 |
| Industrial Robots for Future Factories | Online FDP | Mr. A. N. Inamdar | 13-17 September 2021 |
| Emerging Technologies of Opto-VLSI and its Applications | | Mr. A. N. Inamdar | 31 August-4th September 2021 |
| Industrial Automation with PLC, HMI and SCADA | STTP | Mr. A. N. Inamdar | 14-18 Sept. 2021 |
| Magnetic Levitation | Online FDP | Mr. A. N. Inamdar | 20-24 Sept. 2021 |
| Industrial Robots for Future Factories | Online FDP | Mr. A. N. Inamdar | 13-17 Sept. 2021 |
| Artificial Intelligence for Electrical Engineering | Online FDP | Mr. A. N. Inamdar | 4-8 Oct. 2021 |
| Artificial Intelligence in the Renewable Power Generation | Online FDP | Mr. A. N. Inamdar | 18-22 Oct. 2021 |
| Design and Recent Development in Renewable Energy Based Micro Grid System | Online FDP | Mr. A. N. Inamdar | 25-29 Oct. 2021 |
| Artificial Intelligence in the Renewable Power Generation | Online FDP | Mr. A. N. Inamdar | 18-22 Oct. 2021 |
| Application of MATLAB, Control System, Image Processing and Fuzzy Logic Toolbox | STTP | Mr. A. N. Inamdar | 8-12 Nov. 2021 |
| NBA Accreditation and Teaching-Learning Process in Engineering | Online FDP | Mr. A. N. Inamdar | 15-19 Nov. 2021 |
| Data-Driven Strategies in Smart Power System and Control | Online FDP | Mr. A. N. Inamdar | 22-26 Nov. 2021 |
| Challenges in Evolving Power Systems | Online FDP | Mr. A. N. Inamdar | 22-26 Nov. 2021 |
| Recent Advancements & Research Opportunities in Energy Sector | Online FDP | Mr. A. N. Inamdar | 29 Nov. to 3 Dec. 2021 |
| Type-1 and Type-2 Fuzzy Logic and Its Applications | Online FDP | Mr. A. N. Inamdar | 6-10 December 2021 |
| Power Electronic Converters And Control For Renewable Power And | Online FDP | Mr. A. N. Inamdar | 14-18 December |

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| Microgrid Systems | | | 2021 |
| Intellectual Property Rights | Online FDP | Mr. A. N. Inamdar | 18-22 January 2022 |
| Progression to Smart Buildings in Indian Context | Online FDP | Mr. A. N. Inamdar | 10-14 January 2022 |
| Simulation Tools for Research | Online FDP | Mr. A. N. Inamdar | 8-14 February 2022 |
| Python Beyond and Hands-On | STTP | Mr. A. N. Inamdar | 28 Jan to 3 Feb 2022 |
| AICTE Incorporating Universal Human Values in Education | Workshop | Mr. A. N. Inamdar | 15-19 Nov. 2021 |
| Design Thinking for Excellence in Outcome Based Education & Digital Learning | FDP | Mr. A. K. Koshti | 29 Nov. to 3 Dec. 2021. |
| Recent Advancement in Energy Sector | FDP | Mr. S. S. Medhekar | 29 Nov. to 3 Dec. 2021. |
| Industrial Automation & Networking | FDP | Mr. S. S. Medhekar | 4-9 Dec. 2021 |
| Challenges in Evolving Power Systems | FDP | Mr. S. S. Medhekar | 22-27 Nov. 2021 |
| NAAC- Assessment & Accreditation | FDP | Mr. A. K. Koshti | 13-18 Dec. 2021 |
| NAAC- Assessment & Accreditat | FDP | Mrs. S.P. Diwan | 13-18 Dec. 2021 |
| Cyber Security | FDP | Mr. A. K. Koshti | 3-7 Jan. 2022 |
| Environmental Pollution: Laboratory And Esting(ICTSPL05) | STTP | Mr. A. N. Inamdar | 17-28 Jan. 2022 |
| Industry 4.0: Preparedness of Academia to meet the challenges | ISTE | Mr. S.S. Karvekar | 28 February to 5 March 2022 |
| Industry 4.0: Preparedness of Academia to meet the challenges | ISTE | Mr. A. N. Inamdar | 28 February to 5 March 2022 |
| Industry 4.0: Preparedness of Academia to meet the challenges | ISTE | Mr. V. S. Sathe | 28 February to 5 March 2022 |
| Power Electronics for Power System | FDP | Mr. V. S. Sathe | 6-10 Dec. 2021 |
| Electronics Engineering Department | | | |
| Meeting arranged by La Foundation | Indo-French University collaborations | Dr. Mrs. A. A. Agashe | 28 October 2021 |
| Excellence in Higher Education: Perspective of NEP organized by Sardar Patel College of Engineering | FDP | Mrs. M. R. Khare | 18-22 Dec 2021 |
| Industry 4.0 | AICTE - ISTE FDP | Mr. N.V. Marathe | 28 Feb to 5 Mar 2022 |
| Industry 4.0 | AICTE - ISTE FDP | Mr. S. R. Khedkar | 28 Feb to 5 Mar 2022 |
| Industry 4.0 | AICTE - ISTE FDP | Dr. A. A. Agashe | 28 Feb to 5 Mar 2022 |
| Industry 4.0 | AICTE - ISTE FDP | Ms. S. U. Patil | 28 Feb to 5 Mar 2022 |
| Industry 4.0 | AICTE - ISTE FDP | Dr. S. D. Ruikar | 28 Feb to 5 Mar 2022 |
| Industry 4.0 | AICTE - ISTE FDP | Dr. B. G. Patil | 28 Feb to 5 Mar 2022 |

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| Industry 4.0 | AICTE - ISTE FDP | Mr. R. G. Mevekari | 28 Feb to 5 Mar 2022 |
| Industry 4.0 | AICTE - ISTE FDP | Mr. S. K. Parchandekar | 28 Feb to 5 Mar 2022 |
| Industry 4.0 | AICTE - ISTE FDP | Mrs. M. R. Khare | 28 Feb to 5 Mar 2022 |
| NAAC | Jharkhand Gov Tool Room Ranchi | Mr. N.V. Marathe | 13-18 Dec. 2021 |
| NAAC | Jharkhand Gov Tool Room Ranchi | Dr. Mrs. M.M. Patil | 13-18 Dec. 2021 |
| Computer Science and Engineering Department | | | |
| Webina Organized by NSRIT Visakhapatnam | Webinar | Mr. A. R. Surve | June 2021 |
| Python for Data Science | FDP | Mr. S. D. Pujari | Jul- Aug 2021 |
| Demystifying Networking | FDP | Ms. A.S. Pawar | Aug Sept 2021 |
| MULTILINGUAL and Code-Switching ASR Challenges for Low Resource Indian Languages (MUCS) 2021 | Workshop | Mrs. H. V. Gandhi | Aug. 2021 |
| AI for All | FDP | Ms. P. D. Mundada | Nov. 2021 |
| Internet of things and Human Computer Interaction | FDP | Mrs. A. M. Chimanna | Oct 2021 |
| AICTE UHV Course | FDP | Ms. A. M. Chimanna | Nov 2021 |
| Artificial Intelligence and Machine Learning for Healthcare | FDP | Ms. P. D. Lanjewar | 13 Dec. 2021 |
| NAAC- Assessment & Accreditation | Workshop | Dr. Mrs. M. A. Shah | Dec. 2021 |
| NAAC- Assessment & Accreditation | Workshop | Mrs. H. V. Gandhi | Dec. 2021 |
| Python for Data Science | FDP | Mrs. S. A. Aitwade | Jan. 2022 |
| Data science using python | FDP | Mrs. S. A. Aitwade | 15-19 Nov 2021 |
| Fundamentals of Accelerated Computing with CUDA C/C++. | Training Program | Ms. A. S. Pawar | 11 June 2022 |
| IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (IEEE SPICES 2022) | Conference | Mr. A. A. Urunkar | 12 March 2022 |
| IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (IEEE SPICES 2022) | Conference | Ms. N. L. Mudogol | 12 March 2022 |
| 2021 International Conference on Advances in Computing, Communication, and Control (ICAC3) | Conference | Ms. N. L. Mudogol | 4 Dec. 2021 |
| 2021 International Conference on Advances in Computing, Communication, and Control (ICAC3) | Conference | Mr. A. A. Urunkar | 4 Dec. 2021 |
| 2022 3rd International Conference for Emerging Technology (INCET) | Conference | Ms. N. L. Mudogol | May 2022 |
| Innovative Data Communication Technologies and Application: Proceedings of ICIDCA 2021 | Conference | Ms. N. L. Mudogol | May 2022 |
| Research Symposium on Computing 2022 | Conference | Ms. P. D. Mundada | April 2022 |
| Esri India -ArcGIS Training Workshop | Workshop | Ms. P. D. Mundada | May 2022 |
| Deep Learning For Computer Vision | FDP | Ms. N. L. Mudogol | 23-27 Aug. 2021 |

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| 40 th World Conference on Applied Science, Engineering & Technology | Conference | Ms. S. S. Rokade | 30-31 Dec. 2021 |
| Introduction To Geospatial Tools And Technology | FDP | Dr. N. L. Gavankar | 26-30 June 2021 |
| ArcGIS Pro: Essential Workflows | FDP | Dr. N. L. Gavankar | 3-6 May 2022 |
| ATAL FDP on Data Science | FDP | Mr. S D Pujari | 1-6 Dec 2021 |
| Information Technology Department | | | |
| Patent law for engineer and scientist | NPTEL Certification | Dr. A. J. Umbarkar | 2021-22 |
| Patent drafting for beginners | NPTEL Certification | Dr. A. J. Umbarkar | 2021-22 |
| Roadmap to patent creation | NPTEL Certification | Dr. A. J. Umbarkar | 2021-22 |
| Innovation by design | NPTEL Certification | Dr. A. J. Umbarkar | 2021-22 |
| Entrepreneurship | Awareness Program | Dr. A. J. Umbarkar A. M. Khot | 2021-22 |
| Experiences & Learning's | Open Discussion | Dr. A. J. Umbarkar A. M. Khot | 2021-22 |
| Process Synchronization and Management | Technical Talk | Dr. A. J. Umbarkar A. M. Khot | 2021-22 |
| Free and open Source Virtualization | One Day Workshop Dockers: | Dr. A. J. Umbarkar A. M. Khot | 2021-22 |
| Product Management | Motivational Session | Dr. A. J. Umbarkar A. M. Khot | 2021-22 |
| Network & Security | One Day Workshop | Dr. D. B. Kulkarni Dr. A. J. Umbarkar Dr. D.B.Kulkarni | 2021-22 |
| Competitive Exam | Awareness Program | Dr. A. J. Umbarkar A. M. Khot | 2021-22 |
| HTML AND CSS3 | One Day Workshop | Dr. A. J. Umbarkar A. M. Khot | 2021-22 |
| Hands on Session on Latex | Two Day Workshop | Dr. A. J. Umbarkar, Dr. R. R. Rathod, B.S. Shetty | 2021-22 |
| Balancing Work Load & Mental Health Disturbances Especially in Women | Women Day Special Awareness Program | Dr. S. P. Sonavane Dr. A. J. Umbarkar, A. M. Khot | 2021-22 |
| HTML & CSS For Beginners | One Day Workshop | Dr. A. J. Umbarkar, M. B. Narnaware | 2021-22 |
| Financial Literacy | Women Day Special Awareness Program | Dr. S. P. Sonavane, Dr. A. J. Umbarkar, A. M. Khot | 2021-22 |
| AWS CLOUD | Training Session | Dr. A. J. Umbarkar, M. G. Rathi | 2021-22 |
| College Life & Professional Life | Alumni Talk | Dr. A. J. Umbarkar, A.M. Khot, T. A. Mulla | 2021-22 |
| JAVA For Beginners | One Day Workshop | Dr. A. J. Umbarkar, Dr. U.B.Chavan, T. A. Mulla | 2021-22 |
| GPS Technology | Expert Lecture on: | Dr. A. J. Umbarkar, Dr. R. R. Rathod | 2021-22 |
| Image Analysis | Expert Lecture | Dr. A. J. Umbarkar, Dr. R. R. Rathod | 2021-22 |

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| GIS Application / Technology For IT Engineers | Expert Lecture | Dr. A. J. Umbarkar, Dr. R. R. Rathod. | 2021-22 |
| Humanities and Science Department | | | |
| Functional Materials for Engineering Applications | FDP by CEAMR BMSCOE, Bengaluru | K.V. Madhale | 15-19 Feb. 2021 |
| Advanced Tips & Tricks for Research Paper Publication in suitable journals – Research Graduate | Workshop | K.V. Madhale | 24 Feb.2021 |
| Materials for Emerging Technologies – 2021 | Conference PAH Solapur University | K.V. Madhale | 22 March 2021 |
| International Conference on Nanomaterials & Nanotechnology | Conference by Dept. of Physics, University of Mumbai | K.V. Madhale | 25-27 March 2021 |
| Innovations in Physics & Chemistry | STTP – ADCET, Ashta | K.V. Madhale | 18-23 May 2021 |
| Nanotechnology: Synthesis, Characterization & Applications of Nanomaterials in Engg. & Science – Batteries & Fuel Cells | FDP | K.V. Madhale | 17-22 Jan 2022 |
| | Conference at KBP College, Vashi (Mumbai) | K.V. Madhale | 11 Feb.2022 |
| Nano-scale Characterization & Analysis | Workshop at NITTTR Chandigarh | K.V. Madhale | 10-11 March 2022 |
| Characterization Technique of Material & Devices | Training Program | K.V. Madhale | 14-15 March 2022 |
| Research Methodology – | Workshop | K.V. Madhale | 15 March 2022 |
| One Day International Conference on NHNER – 2022 – SM Joshi College, Hadapsar | Conference (Poster Presented) | K.V. Madhale | 26 March 2022 |
| Research Methodology – Kamla Nehru Mahavidyalay, Nagpur | FDP | K.V. Madhale | 2-7 May 2022 |
| DrillBit : Plagiarism Detection Software for Academic Integrity | Training | K.V. Madhale | 18 June 2022 |
| How to Conduct the Student Induction Program (SIP) | One-day online workshop | Dr. B.N. Jamadar | 20 Sept. 2021 |
| Nanotechnology: Synthesis, Characterization and Applications of Nanomaterials in Engineering & Science | One week online FDP & STTP | Dr. B.N. Jamadar | 17-22 January 2022 |
| Industry 4.0: Preparedness of Academia to meet the challenges | AICTE-ISTE Sponsored One week online FDP | Dr. B.N. Jamadar | 28 February to 5 March 2022 |
| Paper Presented in “IEEE Third International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT-2022) | International Conference hosted at Vimal Jyothi College of Engineering, Kannur, Kerala | Dr. B.N. Jamadar | 11-12 August 2022 |
| Two week online STTP organized by department of CSE in association with center for continuing Education, NIT Warangal | STTP | Mrs. R.S. Janagond | 1-14 Dec. 2021 |
| Algorithms for Competitive Exams (ACE 2021) | FDP | Mrs. R.S. Janagond | 6-12 May 2021 |
| AICTE-ISTE approved orientation/Refresher program | FDP | Mrs. R.S. Janagond | 29 March to 7 April 2022 |
| Innovative Teaching Learning Methods | FDP | Mrs. Anushri Kulkarni | 13-18 Dec. 2021 |

4.2 Interaction with outside world

Guest Lectures Delivered by faculty:

| Name of Faculty | Place | Subject | Date of Lecture |
|--|--|---|-------------------------|
| Civil Engineering Department | | | |
| Dr. K. S. Gumaste | ATS's Sanjay Bhokare Group of Institutes, Miraj. | 'Research Methodology' and delivered a lecture on Research Process and Documentation | 26 March 2022 |
| Mr. P. K. Deshpande | Group of Civil Engineers, Pune | Delivered a lecture in Spandan Group (Group of Civil Engineers), Pune | 5 August 2021 |
| Mechanical Engineering Department | | | |
| Dr. S. U. Sapkal | Department of Mechanical Engineering, D. Y. Patil College of Engineering and Technology, Kasaba Bawada, Kolhapur | Manufacturing Scheduling | 20-24 April 2021 |
| Dr. U. A. Dabade | MGM University, Aurangabad | Invitation as External expert for the research advisory committee RAC online meeting for Ph.D program | 26 July 2021 |
| S. M. Ranade | Jilha Prashikshan Kendra Sangli | Training of the facility oxygen system handling teams at district level | 2-3 Aug. 2021 |
| Dr. B. S. Gawali | "Sanjay Bhokare Group of Institutes, Miraj | Latest research in Thermal Engineering | 28 Sept. 2021 |
| Dr. U. A. Dabade | MGM University, Aurangabad | Invitation as External expert for the research advisory committee RAC online meeting for Ph.D program | 29 Sept. 2021 |
| Dr. U. A. Dabade | K. J. Somaiya College of Engineering, Mumbai | Delivered expert talk on EDM | 31 Jan. and 1 Feb. 2022 |
| Dr. B. S. Gawali | Government College of Engineering, Karad | Invited Speaker for National Conference National Conference on "Advances in Science, Engineering and Technology for Sustainable Development (NCASETSD-2022) | 20-21 May 2022 |
| Electrical Engineering Department | | | |
| Dr. D.S. More | SIT, Yadrav | PWM rectifiers for better quality | 1 Sept. 2021 |
| Dr. D.S. More | R.C. Patel Institute of Technology, Shirpur, Dhule | Fuzzy Logic based wind Power generation | 31 Dec. 2021 |
| Dr. M.M. Waware | SGU, Atigre | Emerging Trends in Electrical & Electronics Engineering Trends | 24 March 2021 |
| Electronics Engineering Department | | | |
| Dr. V. B. Dharmadhikari | WCE Sangli | Training on spreadsheets | September 2021 |
| Computer Science and Engineering Department | | | |
| Ms. N. L. Mudgol | J J Magdum College of Engineering, Jaysingpur | Computer Network | June 2022 |
| Ms. N. L. Mudgol | WCE, Sangli (Mechanical Department) | Big Data & Analytics | March 2022 |
| Information Technology Department | | | |

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|--|---|-------------------------------|-----------------|
| Dr. S. P. Sonavane | AICTE Training And Learning (ATAL) Academy, Sharad Institute of Technology College of Engineering | Cyber Security & Applications | 12-16 July 2021 |
| M.B. Narnaware | J.J. Magdum College on Jaysingpur | Neural Network | 9 June 2022 |
| Humanities and Science Department | | | |
| Dr. B.N. Jamadar | Dadoji Kondev Sainiki School, Tasgaon Dist- Sangli | Semiconductor | 1 March 2021 |

Industrial Visits:

| Place of Industrial Visit | Coordinator of Industrial Visit | Total Participants | Date of Visit |
|---------------------------|---------------------------------|--------------------|---------------|
| NIL | NIL | NIL | NIL |

4.3 MoU's Signed with Industries and Institutes in Last Five Years:

| Sr. No. | MoU signed with | Year | Purpose |
|-------------------------------------|--|-------------|--|
| Civil Engineering Department | | | |
| 1 | MPCB | 2008 - 2021 | Air Quality Monitoring for Sangli City under National Air Monitoring program |
| 2 | MPCB | 2011-17 | Fellowship for PG Students of Env. Engineering |
| 3 | MPCB | 2021 | Institute of Repute (IoR) to serve under the National Clean Air Mission |
| 4 | Ramkumar Rathi Tech services Pvt. Ltd., Pune | 06/10/2018 | Developing Research Centre for Structural Health Monitoring |
| 5 | Struct-wel Designers and Consultants Pvt. Ltd., Mumbai | 13/12/2018 | Training, Research & Development, Consultancy |
| 6 | National Highway Authority of India (NHAI) | 03/08/2020 | Training, Research & Development, Consultancy |
| 7 | Laxmi Engineers Services Pvt. Ltd | 07/10/2016 | Training, Research & Development, Consultancy |
| 8 | Parikh Engineers and Associates | 08/12/2016 | Training, Research & Development, Consultancy |
| 9 | Shanti Prestressed Products Pvt. Ltd Miraj | 08/12/2016 | Training, Research & Development, Consultancy |
| 10 | Jabalpur College of engineering Jabalpur | 13/05/2019 | Twinning Activity |
| 11 | Jawahar Shetakari Sahakari Karkhana Ltd. Hupari | 15/03/2018 | Training, Research & Development, Consultancy |
| 12 | SCON Infrastructure, Mumbai (Pioneer in Prestressing and Rehabilitations of Bridges. | June 2021 | Training, Research & Development, Consultancy |
| 13 | Ultratech Cement -Solapur | June 2022 | Training, Research & Development, Consultancy |

| | | | |
|----|-------------|-----------|---|
| 14 | Sonai Infra | June 2022 | Training, Research & Development, Consultancy |
|----|-------------|-----------|---|

| Sr. No. | Organization | Area of cooperation | Activities |
|---------|--|---|---|
| 1 | Veritas Pvt. Ltd. 2020-21 | Course offering, IPR, Collaborative research & Training/Workshops | Professional Elective-1 offered: Data Management, Protection & Governance, Expert Lectures for TY.IT (Odd Semester) |
| 2 | CSE & IT Department, JEC, Jabalpur (Sept. 2019 - 20) (Under Twinning Activity) | Academic & research collaboration | Established JLUG at JEC, Jabalpur, Guest Lectures, Curriculum Revamping |
| 3 | Agile Developer (2014-17) | Training & Workshop | Collaborative FDP on Advanced Data Structures |

Academic (Mechanical)

1. Jabalpur college of Engg., Jabalpur. (2019)

Industry (Mechanical)

1. M/s Perfect Consultants, Kolhapur (2016)
2. Geometric LTD, Vikhroli (2017)

Industry (Electronics)

1. Veritas Software Technologies India Pvt. Ltd.
2. Eon Free trade zone, Kharadi, Pune

Academic (CSE)

1. Government Engineering College, Jabalpur (21.07.2017)

Industry (CSE)

1. Veritas 2020-21 (1st Dec 2020 to 30th Nov 2021)
2. ZiMetrics 2020-21 (7th April 2021 to 6th April 2023)
3. Fresh Express Pvt. Ltd 21-22

Academic (Electrical)

1. Adani Electricity Mumbai Limited, ADTPS, Tal: Dahanu, Dist: Palghar. (02.03.2020)
2. Bharati Vidyapeeth Deemed Uni., Medical College & Hospital, Sangli (01.01.2016)
3. Government Engineering College, Jabalpur (21.07.2017)

Industry (Electrical)

1. Reliance Infrastructure Ltd., Dahanu (24.06.2016)
2. MSETCL/Mahatransco-Hatkanagale-(6.10.2016)

5. DIPLOMA WING REPORT

5.1 Admission Details

| Course/ Year | Civil | Mechanical | Electrical | Ind. Eln. | Total |
|--------------|-------|------------|------------|-----------|-------|
| F.Y. | 46 | 68 | 69 | 46 | 229 |
| S.Y. | 50 | 74 | 78 | 50 | 252 |
| T.Y. | 50 | 70 | 82 | 49 | 251 |
| Total | 146 | 212 | 229 | 145 | 732 |

5.2 Faculty Details:

- 1) Shri. R.G. Bhosale I/C Vice-Principal retired on 31 May 2021 after 37 years of his service
- 2) Shri. S. N. Kulkarni Lect. In Civil Department retired on 31.01.2022
- 3) Shri. A.V. Kamble took change of Vice-Principal from 07 June 2021.
- 4) In Poly. wing 21 regular staffs are working while CHB staffs are appointed as per requirements.
- 5) All staff members were participated in school connect program in Jat & Miraj Taluka & collected data over 5000 students.

5.3 Faculty Activity Details:

Consultancy works

| Sr. | Name of work & Client | Types of work | Consultancy Fees in Rs. | Consultants | Remark |
|-----|---|---------------------|-------------------------|-----------------------------------|-----------|
| 1 | Third Party Audit, Vaduj Nagarpanchayat | Various Civil Works | 20078.00 | HP Kulkarni and NN Kamble | Completed |
| 2 | Third Party Audit | Testing | 81440.00 | All Faculty from Electrical Dept. | Completed |
| 3 | Third Party Audit | Consultancy | 453304.00 | All Faculty from Electrical Dept. | Completed |

Faculty pursuing Ph.D.

| Sr. No. | Name of Faculty | Name of Guide/ Branch | Date of Registration/Univ. | Title of the Thesis |
|---------|-------------------|-----------------------|-------------------------------------|---|
| 1 | N.N. Kamble | Dr. P.S. Patil | Aug. 2018 Shivaji Univ. Kolhapur | Investigation On Stone Dust Stabilized Block Masonry Using Manufactured |
| 2 | Kamble Sushant S. | Dr. A.M. Mulla | July 2017 Shivaji Univ. Kolhapur | Power Quality Enhancement In Grid Connected EV Charging System |

5.4 Result Analysis of MSBTE Examinations:

| Civil Engg. | Exam | Total | Dist. | First | Second | ATKT | Fail | % Pass |
|-------------|--------|-------|-------|-------|--------|------|------|--------|
| First Year | S-2022 | 46 | 06 | 18 | 06 | 15 | 01 | 97.83 |
| | W-2021 | 46 | 31 | 15 | 00 | 00 | 00 | 100 |
| Second Year | S-2022 | 51 | 02 | 14 | 02 | 33 | 00 | 100 |
| | W-2021 | 50 | 40 | 09 | 01 | 00 | 00 | 100 |
| Third Year | S-2022 | 49 | 41 | 05 | 00 | 00 | 03 | 93.88 |
| | W-2021 | 49 | 43 | 06 | 00 | 00 | 00 | 100 |

| Mech. Engg. | Exam | Total | Dist. | First | Second | ATKT | Fail | % Pass |
|-------------|--------|-------|-------|-------|--------|------|------|--------|
| First Year | S-2022 | 68 | 07 | 15 | 03 | 10 | 33 | 52 |
| | W-2021 | 68 | 53 | 11 | 00 | 02 | 02 | 95 |
| Second Year | S-2022 | 73 | 12 | 30 | 03 | 18 | 10 | 87 |
| | W-2021 | 73 | 46 | 23 | 01 | 02 | 01 | 96 |
| Third Year | S-2022 | 74 | 64 | 01 | 00 | 00 | 09 | 97 |
| | W-2021 | 76 | 71 | 04 | 00 | 00 | 01 | 99 |

| Electrical Engg. | Exam | Total | Dist. | First | Second | ATKT | Fail | % Pass |
|------------------|--------|-------|-------|-------|--------|------|------|--------|
| First Year | S-2022 | 68 | 20 | 18 | 04 | 23 | 03 | 62 |
| | W-2021 | 69 | 49 | 20 | 00 | 00 | 00 | 100 |
| Second Year | S-2022 | 75 | 23 | 27 | 00 | 17 | 08 | 67 |
| | W-2021 | 75 | 56 | 19 | 00 | 00 | 00 | 100 |
| Third Year | S-2022 | 82 | 56 | 05 | 10 | 00 | 11 | 68 |
| | W-2021 | 82 | 67 | 15 | 00 | 00 | 00 | 100 |

| Ind Eln | Exam | Total | Dist. | First | Second | ATKT | Fail | % Pass |
|-------------|--------|-------|-------|-------|--------|------|------|--------|
| First Year | S-2022 | 43 | 06 | 29 | 00 | 08 | 00 | 81.39 |
| | W-2021 | 45 | 30 | 12 | 00 | 03 | 00 | 93.33 |
| Second Year | S-2022 | 49 | 15 | 25 | 01 | 08 | 00 | 83.67 |
| | W-2021 | 49 | 38 | 02 | 00 | 00 | 00 | 100 |
| Third Year | S-2022 | 48 | 41 | 07 | 00 | 00 | 00 | 100 |
| | W-2021 | 48 | 45 | 00 | 00 | 03 | 00 | 90 |

List of Toppers

| Rank | FY S-2021 | | SY – S-2021 | | TY – S-2021 | |
|-------------------------------|----------------------|--------|----------------------|--------|----------------------|-------|
| | Name | %Marks | Name | %Marks | Name | %Mark |
| Civil | | | | | | |
| 1 | Satpute Sahil T. | 84.63 | Sutar Megha S. | 79.75 | Dixit Ashish V. | 92.11 |
| 2 | Mane Gayatri V. | 82.63 | Kothali Moin D. | 78.00 | Shendge Gouri S. | 91.89 |
| 3 | Bandgar Shreya B. | 79.58 | Jadhav Ankita J. | 73.25 | Pawar Atharva A. | 91.37 |
| Mechanical | | | | | | |
| 1 | Patil Aaditi P. | 81.33 | Tagali Athrav D. | 85.38 | Metkari Akash R. | 93.49 |
| 2 | Rohit D. Kulkarni | 80.40 | Khatib Mahak A. | 84.63 | More Aditya S. | 92.10 |
| 3 | Kulkarni Shreyas S. | 79.73 | Suhas Nitin Patil | 83.25 | Aldar Archana B. | 92.05 |
| Electrical | | | | | | |
| 1 | Bhosale Samruddhi S. | 92.00 | Masal Monika P. | 87.87 | Patil Aboli A. | 93.17 |
| 2 | Nandanikar Tejas R. | 91.75 | Morvkar Mangesh G. | 87.20 | Pawar Abhishek S. | 93.06 |
| 3 | Ranade Gauri Pradeep | 91.38 | Kamble Vaibhav V. | 86.27 | Tahsildar Siddika S. | 92.94 |
| Industrial Electronics | | | | | | |
| 1 | Mahajan Sarthak | 87.47 | Dhaske Aniruddha S. | 86.27 | Bawadekar Sarvesh S. | 92.91 |
| 2 | Jay Ajitkumar Patil | 85.60 | Rahate Shreya S. | 86.00 | Chougule Pranav S. | 91.60 |
| 3 | Patil Seema Popat | 84.13 | Bawadekar Sarvesh S. | 97.50 | Kamate Soham D. | 91.20 |

Student Co-Curricular Activities**Civil Department**

No. of students participated in co-curricular activities – 21

No. of Winners in co-curricular activities -- 02

Mechanical Department

No. of students participated in co-curricular activities – 00

No. of Winners in co-curricular activities -- 00

Electrical Department

No. of students participated in co-curricular activities – 00

No. of Winners in co-curricular activities -- 00

Industrial Eln Department

No. of students participated in co-curricular activities – 17

No. of Winners in co-curricular activities -- 00

5.5 Other Activities:

Guest Lectures Delivered by the Faculty:

| SN | Name of Faculty | Place | Subject | Date |
|----|---|---|--|------------------|
| 1 | H P Kulkarni | Govt. Polytechnic, Awasari | Green Building | 18 December 2021 |
| 2 | All staff members of Poly wing participated inschool connect program in 50 high schools, conducted by MSBTE | Various High Schools in Sangli, Vishrmbag, Miraj, Kavalapur | Admission process and Various opportunities for Diploma in Engineering | February 2022 |

Guest Lectures Organized:

| SN | Name of Speaker | Subject | Coordinator | Date |
|----|---|---|-----------------------------|------------|
| 1 | Mr. Prasanna Kulkarni | Eco Friendly Building Materials | H. P. Kulkarni | 14/12/2021 |
| 2 | Dr. V. V. Varade | Energy Conservation | H. P. Kulkarni | 02/12/2021 |
| 3 | Ar. Arundhati Wategave | Architectural Planning of Buildings | H. P. Kulkarni | 27/05/2022 |
| 4 | Dr. Ravindra Tate, Medical Health Officer, SMKC, Sangli | SWM - Past, Present and Future of SMKC | S V Chikurde | 28/05/2021 |
| 5 | Mr. Arun Sawant, MD SJMA Engineering Solutions Pvt Ltd. | Industrial Training & Recycling of Construction Waste | S V Chikurde | 14/09/2021 |
| 6 | Dr Suhas Khambe, Director Nikhil Laboratories, Sangli | Composting - A Practical Approach | S V Chikurde | 30/03/2022 |
| 7 | Prof. (Dr.) Chandrakant Pol | R.C.C. Design | S.M. Pophare | 12/10/2021 |
| 8 | Mrs. Kanchan Patil, Space Architect, Sangli | Interior Design | N N Kamble | 16/04/2022 |
| 9 | Mr.Sanay M. Ranade | Solar Applications | H N Tikekar | 17/11/2021 |
| 10 | Mr. Mahesh Wagh | Energy Conservation | H N Tikekar | 09/12/2021 |
| 11 | Mr. Shrikant G. Mane | Refrigeration Systems in Dairy Plant | H N Tikekar | 27/04/2022 |
| 12 | Mr. Pramod Talwekar | Modern Vehicles | B A Anuse | 10/05/2022 |
| 13 | Dr. Namdeo Kasture | Personality Development | B A Anuse | 05/05/2022 |
| 14 | Shri Mantesh Awati, Jaigad | Thermal Power Plant | J.Y. Mane | 30/10/2021 |
| 15 | Shri Rahul Kachare ,BPCL | Industrial Opportunities and challenges for engineers | A.S. More | 13/11/2021 |
| 16 | Shri Sanjay Ranade, Sangli | Solar applications | N.G. Apte | 17/11/2021 |
| 17 | Dr Tushar Jadhav NICMAR pune | Career opportunities in CRIP sector | All Faculty | 12/11/2021 |
| 18 | Shri M.M. Wagh | Energy conservation | A.R. Bhosale S.S. Kamble | 09/12/2021 |

Technical Paper Presentation Guided by the Faculty: Nil

Number of papers Published: Dr. B. B. Vhankhande had published 1 paper

Training Programs Attended by Faculty: 1

Civil Department

| SN | Topic | Venue | Faculty | Duration |
|----|---|---|----------------|----------|
| 1 | Industry 4.0: Preparedness of Academia to meet the Challenges | AICTE-ISTE FDP at WCE Sangli | H. P. Kulkarni | One Week |
| 2 | Management of E Resources in Libraries | Knimbus Digital Library | H. P. Kulkarni | One Day |
| 3 | Mazi Vasundhara Mitra | Environment & Climate Change Dept. GoM. | H. P. Kulkarni | One Day |
| 4 | Teaching with Technology | Shri Shivaji Education society, Amaravati | N N Kamble | One Week |
| 5 | Water Harvesting Systems | Ministry of Education, Govt. of India | N N Kamble | One Week |
| 6 | Solar P.V. system and Business opportunity | The National Small Industries Corporation Ltd. (Govt. of India Enterprises) | S.M. Pophare | One Week |
| 7 | Excellence in Higher Education- Perspective of NEP | FELA, SAE INDIA, IIIE | S.M. Pophare | One Week |
| 8 | Eco-Friendly Engineering: Concepts and Trends | ISTE - FDP | S.M. Pophare | One Week |
| 9 | Industry 4.0: Preparedness of Academia to meet the Challenges | AICTE-ISTE FDP | S.M. Pophare | One Week |
| 10 | Intellectual Property Right (IPR) & Patenting: An overview and and Implication in Engineering Field | Daulatrao Aher COE, Karad | S.M. Pophare | One Day |
| 11 | STTP- Personality Development with Yog Sadhana | Yog Vidya Dham Gurukul, Nasik | S V Chikurde | One Week |
| 12 | FDP- Water Supply Engineering | NPTEL-AICTE | S V Chikurde | 12 Weeks |
| 13 | One Week STTP - Disaster Management & Risk Reduction- A Geospatial Approach | Shivaji University Lead College Scheme | S V Chikurde | One Week |
| 14 | STTP - Advances in Civil Engineering | MSBTE Mumbai | S V Chikurde | Two Day |
| 15 | One Week FDP - Teaching with Technology | Dr. Panjabrao Deshmukh Poly, Amaravati | S V Chikurde | One Week |

Electrical Department:

| SR | Topic | Venue | Faculty | Duration |
|----|--|---------------------|--------------|----------------------------|
| 1 | Orientation Towards Technical Education and Curriculum Aspects | NITTT-Swayam portal | S.S. Kamble | 01 Oct 2022 to 30 Nov 2022 |
| 2 | Professional Ethics & Sustainability | NITTT-Swayam portal | S.S. Kamble | 01 Oct 2022 to 30 Nov 2022 |
| 3 | Orientation Towards Technical Education and Curriculum Aspects | NITTT-Swayam portal | A.R. Bhosale | 01 Oct 2022 to 30 Nov 2022 |
| 4 | Professional Ethics & Sustainability | NITTT-Swayam portal | A.R. Bhosale | 01 Oct 2022 to 30 Nov 2022 |

Mechanical Department:

| SR | Topic | Venue | Faculty | Duration |
|----|---|---|----------------|----------|
| 1 | ISTE STTP on Future perspective of Non-conventional, Renewable and Clean Energy Resources | Saneevan Engineering and Technology, Kolhapur | D.B. Urunkar | 1 week |
| 2 | FDP on Amazon Web Services | Dept. of Technology, Shivaji University, Kolhapur and AICTE | D.B. Urunkar | 1 week |
| 3 | FDP on Product Design and Manufacturing | NPTEL-AICTE on Swayam Portal | A. V. Walvekar | 12 weeks |
| 4 | FDP on Innovation by Design | NPTEL-AICTE on Swayam Portal | A. V. Walvekar | 4 weeks |
| 5 | FDP on Manufacturing Guidelines for Product Design | NPTEL-AICTE on Swayam Portal | A. V. Walvekar | 8 weeks |
| 6 | Product Design and Development | NPTEL online certification | A. V. Walvekar | 4 weeks |

Industrial Electronics department:

| SR | Topic | Venue | Faculty | Duration |
|----|---|----------------------------------|---|-----------------|
| 1 | Industrial Training on Internet of Things | NIELIT, Aurangabad | N. S. Narayankar & S. U. Chavan | Feb to Mar 2021 |
| 2 | Online FDP on Advances in IOT | Government Polytechnic, Kolhapur | N. S. Narayankar & S. U. Chavan | Dec 2021 |
| 3 | Online FDP on Advances in Robotics | Vivekanand Polytechnic, Mumbai | S. U. Chavan | June 2022 |
| 4 | Significance of Biomedical | Government Polytechnic, Miraj | S. U. Chavan | Sept 2021 |
| 5 | AICTE FDP on Industry 4.0 | Walchand College of Engg. Sangli | Dr. A. A. Agashe, Mr. P. B. Patil, Dr. V. V. Sulakhe and Mr. N. S. Narayankar | Feb.-Mar 2022 |

Number of Industrial visits organized:

| SN | Subject | Location | Coordinator | Date |
|----|---------------------------------------|--|--------------|------------|
| 1 | Public Health Engineering | Water Treatment Plant at Miraj | S V Chikurde | 27/11/2021 |
| 2 | Public Health Engineering | Sewage Treatment Plant at Ichalkaranji | S V Chikurde | 17/12/2021 |
| 3 | Capstan Project Execution | Arun Paint Industry | N N Kamble | 05/03/2022 |
| 4 | Railway and Bridge Engineering | New Bridge Visit | A B Khochage | 01/04/2022 |
| 5 | Maintenance and Repairs of Structures | Irwin and New Bridge, Sangli | N N Kamble | 01/04/2022 |
| 6 | Automobile Engg. | S. T. Workshop Sangli | B A Anuse | 30/04/2022 |
| 7 | Automobile Engg. | Awati Motors Pvt. Ltd. | B A Anuse | 03/05/2022 |
| 8 | Automobile Engg. | Chougule Industries Ltd. | B A Anuse | 04/05/2022 |

| | | | | |
|----|--------------------------------|---|---|---------------|
| 9 | Wind & Solar Power Electronics | Suzlon Wind Power Station at Sada-Waghapur, ViDa Food Industries, Wai | Dr. A. A. Agashe, Mr. P. B. Patil and Dr. V. V. Sulakhe | 11-12/11/2022 |
| 10 | Industrial Electronics | KPT, Shirol & Datta Sugar Factory at Shirol | Mr. N. S. Narayankar and Mr. S. U. Chavan | 18/11/2022 |