



Established in 1947

Walchand College of Engineering

(Government Aided Autonomous Institute)

Our Strengths:

- 73 Years of Excellent Standing and Imparting Quality Education at PW, UG/PG and Doctoral Research
- Dynamic Curricula , Autonomous Since 2007
- Placement and Student Activities
- Visionary Leadership
- High Performance Ranking Under TEQIP over National Level
- Best Governance Practices
- Dedicated Faculty with Research Aptitude
- Highly Preferred Choice of Meritorious Students over Maharashtra
- State of Art Infrastructure
- Strong Liaison with the Outside World
- Network of Successful Alumni Spread over the World
- Accreditation by NAAC and NBA
- Industry Connect
- Alumni Occupying Higher Position in Industry



Industry Sponsored
Research Centres



ANNUAL REPORT 2019-20

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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, post graduate 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 Post graduate and Research infrastructure. WCE has received Rs. 15.00 Crore. Now the Institute is selected for TEQIP Phase –III from April 2017-March 2020. In TEQIP-III Walchand College of Engineering, Sangli will 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 Corporation Ltd, Highbar Technologies and Steiner AG in Switzerland.

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

SOCIAL AND ENVIRONMENTAL RESPONSIBILITY

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

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

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

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



Mr. Ajit Gulabchand

Chairman's Profile

GLOBAL ENGAGEMENTS

Mr. Gulabchand holds leadership positions in several key industry bodies. He is a member of the Governor's Steering Board of the Infrastructure and Urban Development Community at the World Economic Forum, Geneva and co-chaired the community in 2016. He is a former President of the International Federation of Asian and Western Pacific Contractors' Associations (IFAWPCA) – a body that promotes international fellowship and cooperation in developing beneficial relationships between governments and contractors. He is the Chairman of the Governing Council of the Construction Skills Development Council of India and President of the Construction Federation of India. He is also member of UK India Business Council (UKIBC) Advisory Council - a body for companies seeking to explore the Indian market. Mr. Gulabchand has also been a frequent invitee to ministerial business delegations from the Government of India to various countries aimed at attracting foreign investments into the Indian infrastructure sector. He is also member of the National Council of the Confederation of Indian Industry and member of committees on Skills, Infrastructure & Construction and Ease of doing business.

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

Mr. Gulabchand is a strong supporter and patron for several technical institutions in India. He is the Chairman of the Board of Trustees and Board of Governors of the National Institute of Construction Management and Research (NICMAR) and Chairman of the Administrative Council of the Walchand College of Engineering.

Mr. Gulabchand 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 not only satisfy the technical needs that help develop the country but also fulfill the needs of the world by being up to date and environmentally caring.

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

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

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

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

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



Dr. P. H. Sawant

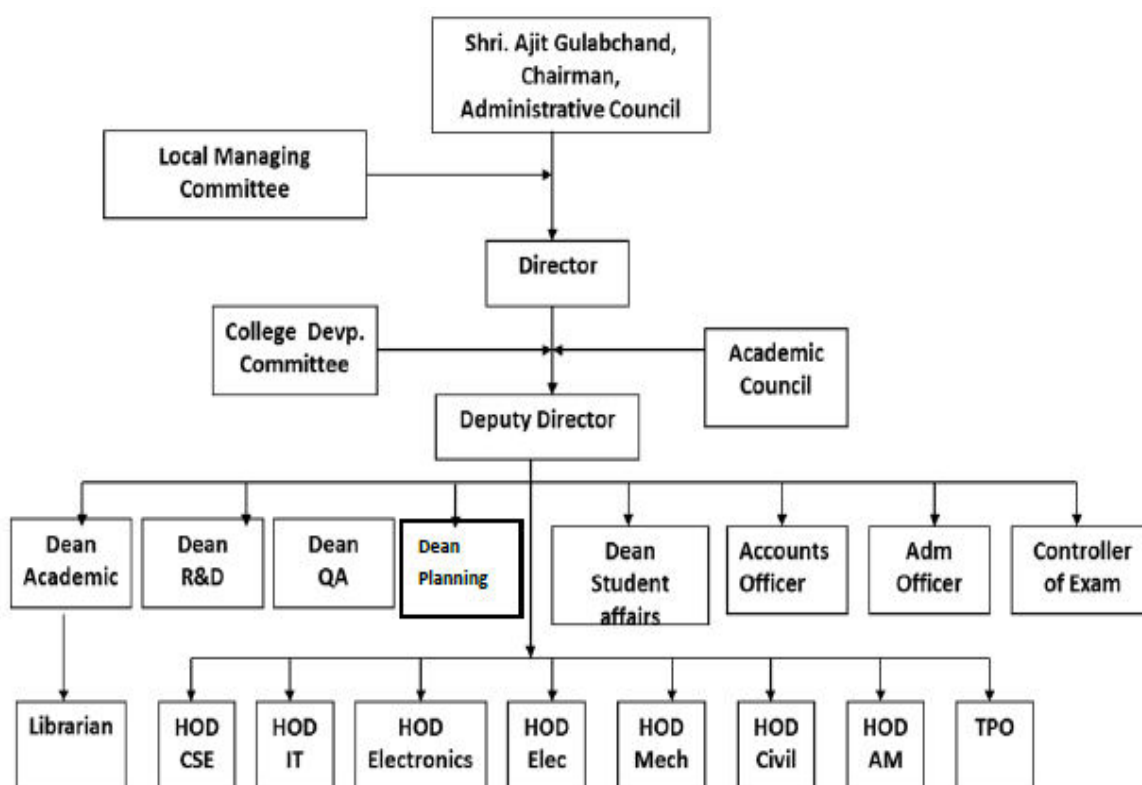
Principals at WCE Sangli Before Autonomy			
SN	Name	From	To
1	Prof. G.N. Gokhale	1947	1948
2	Prof. K.V. Kardile	1948	1949
3	Prof. C.G. Kale	1949	1951
4	Prof. G.R. Vartak	1951	1955
5	Prof. V.K. Kelkar	1955	1967
6	Prof. G.C. Kanitkar	1967	1975
7	Prof. S.D. Pathak	1975	1979
8	Prof. P.A. Kulkarni	1979	1997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

Directors at WCE Sangli After Autonomy			
SN	Name	From	To
1	Dr. N. V. Deshpande	01-Nov-2006	30-Sep-2007
2	Prof. A.R. Yardi (I/c)	01-Oct-2007	12-May-2009
3	Dr. Y. V. Joshi	13-May-2009	1-Jul-2013
4	Dr. P. J. Kulkarni (I/c)	02-Jul-2013	25-Feb-2014
5	Dr. G. V. Parishwad	26-Feb-2014	25-Feb-2029
6	Dr. P. G. Sonavane (I/c)	26-Feb-2019	12-Feb-2020
7	Dr. P. H. Sawant	13-Feb-2020	Till Date

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. Ajeet Singh, WRO, AICTE, Mumbai	AICTE Ex-Officio, Member
8	Dr. Rajendra Hiremath, Industrialist	AICTE Nominee
9	Director Technical Education, Mumbai	DTE, Ex-Officio, Member
10	Yet to be received	State Govt Nominee
11	Dr. Shivajirao Kadam, VC, BVU, Pune	UGC Nominee
12	Dr. A. T. Pise, Principal, COE, 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, I/c Registrar, 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 2019-20 on following dates:

SN	Meeting No.	Date	Location	Attendance
1	227	04/06/2019	Hotel Oberoi, Mumbai	8
2	228	28/08/2019	Hotel Oberoi, Mumbai	7
3	229	05/12/2019	Hotel Oberoi, Mumbai	7
4	230	27/02/2020	Hotel Oberoi, Mumbai	

The next Important Committee is **College Development Committee (CDC)** of the college under section 97 (1) of Maharashtra Universities Act, 2016: to support and guide the Institute locally. The names of present Local Management Committee are given below:

Constitution by post	Function
<p>Chairman: Shri Shriniwas Patil, President Alumni Association</p> <p>Management Representative: Shri Ravindra P. Purohit, Management Representative. Shri Suresh A. Patil, Chairman, Latthe Edu. Society Shri Sachin R. Menon, Industrialist</p> <p>Elected faculty & Staff Members: Shri S. G. Tamhankar, Associate Professor Smt. P. N. Savagave, Associate Professor Shri P. A. Mane, Assistant Professor Shri S.S. Kulkarni, Non-teaching staff</p> <p>Co-ordinator, Internal Quality Assurance Committee Dr. K. S. Gumaste, Associate Professor</p> <p>One Head of Department Dr. V. D. Salkar #, Head, Civil Dept.</p> <p>Student Representative Mr. Vijay R. Gole * Ms. Shivani R. Sapkal *</p> <p>Student Invitee Mr. Shubham N. Deshpande * Ms Ritu S. Patil *</p> <p>Dr. P. H. Sawant, Member Secretary</p> <p># Term will be valid till his date of retirement * Term will be valid till their date of passing out of the program</p>	<p>(a) prepare an overall comprehensive development plan of the college regarding academic, administrative and infrastructural growth, and enable college to foster excellence in curricular, co-curricular and extra-curricular activities ;</p> <p>(b) decide about the overall teaching programs or annual calendar of the college ;</p> <p>(c) recommend to the management about introducing new academic courses and the creation of additional teaching and administrative posts ;</p> <p>(d) make specific recommendations to the management to encourage and strengthen research culture, consultancy and extension activities in the college ;</p> <p>(f) make specific recommendations to the management to foster academic collaborations to strengthen teaching and research</p> <p>(g) make specific recommendations to the management to encourage the use of information and communication technology in teaching and learning process ;</p> <p>(h) make specific recommendations regarding the improvement in teaching and suitable training programs for the employees of the college ;</p> <p>(i) prepare the annual financial estimates (budget) and financial statements of the college or institution and recommend the same to the management for approval ;</p> <p>(j) formulate proposals of new expenditure not provided for in the annual financial estimates (budget) ;</p> <p>(k) make recommendations regarding the students' and employees' welfare activities in the college or institution ;</p> <p>(l) discuss the reports of the Internal Quality Assurance Committee and make suitable recommendations ;</p> <p>(m) frame suitable admissions procedure for different programs by following the statutory norms ;</p> <p>(n) plan major annual events in the college, such as annual day, sports events, cultural events, etc. ;</p> <p>(o) recommend the administration about appropriate steps to be taken regarding the discipline, safety and security issues of the college or institution ;</p> <p>(p) consider and make appropriate recommendations on inspection reports, local inquiry reports, audit report, report of National Assessment and Accreditation Council, etc. ;</p> <p>-To recommend to the higher authorities the schemes for better functioning and governance of the college</p>

	-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: four times in a year
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College Development Committee (CDC) meetings are held four times in a year. The details of meetings held during 2019-20 are as follows:

SN	Meeting No.	Date	Location	Attendance
1	CDC-02	10/05/2019	WCE, Sangli	13
2	CDC-03	14/11/2019	WCE, Sangli	12

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 and Equipment 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. Ajeet 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. Ajeet 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. Ajeet Singh
4. HOD of concerned Dept.	Civil/Mech/Elec/Eln/CSE/IT

5. Member	Shri R. P. Purohit
6. Member Secretary	Director
4. HR Development Committee	
1. Chairman of the Council or his nominee	Shri Ajit Gulabchand / Dr. V. N. Gupchup
2. DTE or his nominee	Dr. Abhay E. Wagh
3. RO- AICTE or his nominee	Dr. Ajeet Singh
4. HR Expert	Dr. U. N. Gaitonde
5. Member	Shri R. P. Purohit
6. Member	Dr. A. T. Pise
7. Member Secretary	Director

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. K.S. Gumaste	Dean-Quality Assurance
Dr. D. S. More	Dean-Research & Development
Dr. V.D. Salkar	Dean-Planning
Dr. B.G. Patil	Dean-Students Welfare
Mr. S.B. Dhaigude	TPO & I/c Dean-Industry & Alumni Interactions
Prof. Dr. S. N. Tande	HOD-Civil Engineering & Applied Mechanics
Prof. Dr. K. H. Inamdar	HOD-Mechanical Engineering
Dr. R. P. Hasabe	HOD-Electrical Engineering
Smt. Dr. A. A. Agashe	HOD-Electronics Engineering
Smt. Dr. M. A. Shah	HOD-Computer Science Engineering
Dr. A. J. Umbarkar	HOD-Information Technology
Dr. S.B. Joshi	HOD-Science & Humanities
Prof. Dr. D.B. Kulkarni	I/c Registrar
-----	I/c Librarian
Dr. P. K. Kharat	Controller of Examinations
Dr. S. U. Sapkal	Chief Rector
Mr. S. G. Tamhankar	OSD-Legal
Mr. R.G. Bhosale	I/c Vice Principal Polytechnic Wing

Organization and Governance:

- Budget gets approved in AC meeting held in February.
- Yearly Financial audit and statements of accounts are approved in the AC meeting of May every year.
- Graduation Ceremony 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.

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 2019-20

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

NBA for CSE IS applied

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 2019-20:

Admissions to the four-year B.Tech. for the academic year 2016-17 were made along with the other autonomous institutions in the state based on IIT-JEE. Admissions to two-year M.Tech. Programs were based on the GATE and CET score followed by personal interview. Department wise and category wise admission details are as under:

F.Y.B.Tech 2019-20, Admissions Regulating Authority, Admission DATA											
Branch	Shift 1	Shift 2	Establishment Year	Sanctioned Intake	CAP Quota	Surrendered Quota	Institutional / Management Quota	NRI/PIO/OCI /CIWGC	TFWS/EWS/Sc hemes/PMSSS	J&K and GOI	Total
Civil Engineering	Y	N	1947	60	58	0	2	0	11	1	72
Computer Science and Engineering	Y	N	1986	90	88	0	2	2	17	1	110
Information Technology	Y	N	2001	60	59	0	1	0	10	1	71
Electrical Engineering	Y	N	1955	60	60	0	0	0	10	0	70
Mechanical Engineering	Y	N	1955	60	58	0	2	0	10	1	71
Electronics Engineering	Y	N	1986	60	60	0	0	0	10	0	70
Total				390	383	0	7	2	68	4	464

F.Y.B.Tech 2019-20, CET %tile Score: JKSSS, GULF & NETU without CET2019											
Branch	>95.00	>90.00 & <= 95.00	>85.00 & <= 90.00	>80.00 & <= 85.00	>70.00 & <= 75.00	<= 70.00	Total	JKSSS	JK Migrant	NETU	TOTAL
Civil Engineering	41	19	3	0	1	5	69	1	0	2	72
Computer Science and Engineering	90	6	2	3	2	2	105	3	1	1	110
Information Technology	59	5	0	1	0	3	68	2	1	0	71
Electrical Engineering	51	9	2	1	1	3	67	1	0	2	70
Mechanical Engineering	51	8	3	1	3	3	69	1	0	1	71
Electronics Engineering	55	6	2	3	0	3	69	0	0	1	70
Total							447				464

F.Y.B.Tech 2019-20, Admitted DATA												
Branch	Sanctioned	CAP Seats	WHMT, Trust	DD Trust	EWS	TFWS	J&K1	J&K2	NRI/PIO /OCI/CI	PMSSS/J KSSS	NETU/ GOI	Total
Civil Engineering	60	58	2	0	5	3	0	1	0	1	2	72
Computer Science and Engineering	90	88	1	1	8	5	1	0	2	3	1	110
Information Technology	60	59	1	0	6	2	1	0	0	2	0	71
Electrical Engineering	60	60	0	0	5	2	0	0	0	1	2	70
Mechanical Engineering	60	58	1	1	6	2	0	1	0	1	1	71
Electronics Engineering	60	60	0	0	6	3	0	0	0	0	1	70
Total	390	383	5	2	36	17	2	2	2	8	7	464

F.Y.B.Tech 2019-20 Highest Lowest CET%		
Branch	Highest	Lowest
Civil Engineering	99.732	48.4082
Computer Science and Engineering	99.8844	63.4723
Information Technology	99.2953	25.6168
Electrical Engineering	98.6162	50.2864
Mechanical Engineering	99.3467	24.8415
Electronics Engineering	99.1045	35.755

F.Y.B.Tech 2019-20 No. of Male, Femal admitted			
Branch	Male	Female	Total
Civil Engineering	51	21	72
Computer Science and Engineering	79	31	110
Information Technology	51	20	71
Electrical Engineering	47	23	70
Mechanical Engineering	53	18	71
Electronics Engineering	44	26	70
Total	325	139	464

F.Y.M.Tech 2019-20, Admissions Regulating Authority, Admission DATA											
Branch	Shift 1	Shift 2	Establishment Year	Sanctioned Intake	CAP Quota	Admitted seats	Institutional / Management Quota	NRI/PIO/OCI /CIWGC	TFWS/EWS	J&K and GOI	Total
Computer Science and Engineering	Y	N	1998	30	30	18	0	0	1	0	19
Computer Science and Information Technology	Y	N	2012	18	18	4	0	0	0	0	4
Electronics Engineering	Y	N	1986	30	30	17	0	0	0	0	17
Civil - Structural Engineering	Y	N	1971	30	30	29	0	0	3	0	32
Civil - Environmental Engineering	Y	N	1982	18	18	17	0	0	0	0	17
Electrical - Power System Engineering	Y	N	1971	18	18	13	0	0	0	0	13
Electrical - Control System Engineering	Y	N	1971	18	18	11	0	0	0	0	11
Mechanical - Heat Power Engineering	Y	N	1971	18	18	11	0	0	0	0	11
Mechanical - Production Engineering	Y	N	1995	30	30	20	0	0	0	0	20
Mechanical - Design Engineering	Y	N	1971	30	30	30	0	0	0	0	30
Total				240	240	170	0	0	4	0	174

F.Y.M.Tech GATE/GPAT Discipline Wise Report	
GATE/GPAT Discipline	Total
Civil Engineering (CE)	49
Computer Science and Information Technology (CS)	23
Electronics and Communication Engineering (EC)	17
Electrical Engineering (EE)	24
Mechanical Engineering (ME)	61
Total	174

F.Y. M.Tech Gender Wise Report	
Gender	Total
Female	60
Male	114
Total	174

Organization and Governance

Academic Practices

- Department level academic
 - Academic policies by respective Board of Studies, (BOS)
 - Academic monitoring by Department Advisory Board, (DAB), HOD/ program coordinator, Department Academic Coordinator, (DAC), class coordinator, course teacher under the guidance of Dean Academics
 - Course assessment/evaluation by respective faculty coordinated by Department Examination Coordinator, (DEC) under the guidance of HOD/Dean Academics/COE
- Conduct of MSE and ESE, result processing, result analysis by Examination cell under the guidance of Controller of Examination, (COE).
- Internal and external Academic quality audits coordinated by Dean QA and IQAC cell
 - E-course book
 - Question paper audit
 - Course delivery
- Biometric attendance system for faculty, staff and students
- Close monitoring of academic activities as per Academic Calendar
- Various Deans with HODs 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 2019-20:

	Sanctioned	Regular	Ad-hoc	Total
Degree Faculty				
Professor	8	7	0	7
Associate Prof.	19	9	0	9
Assistant Prof.	62	49	32	81
Total Faculty	89	65	32	97
Diploma Faculty				
Vice Principal	1	0	0	0
HOD	4	2	0	2
Lecturer	34	22	38 (CHB)	60
TPO	1	0	0	0
System Analyst	1	0	0	0
Total Faculty	41	24	38	62
Non-Teaching Staff			Daily Wages	
Technical	65	42	0	42
Class IV	91	38	24	62
Administrative	46	26	21	47
Total Staff	202	106	45	151

Faculty (Cadre) Faculty position: 2019-20

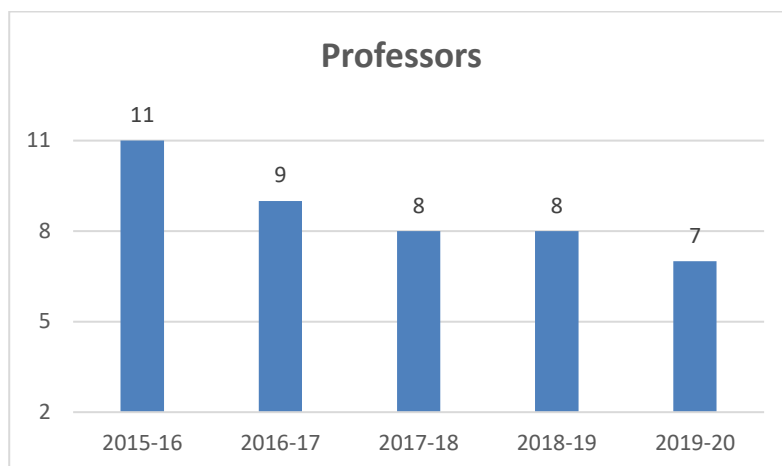
Positions	Teaching Faculty						Non-teaching Staff		Technical	
	Professor		Associate Professor		Assistant Professor					
	M	F	M	F	M	F	M	F	M	F
Sanctioned posts	8		19		62		138		64	
Recruited (Regular + Contractual)	6	1	8	1	59	22	103	6	42	0
Total	7		9		81		109		42	

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 and experience:

Faculty Cadre: Professor

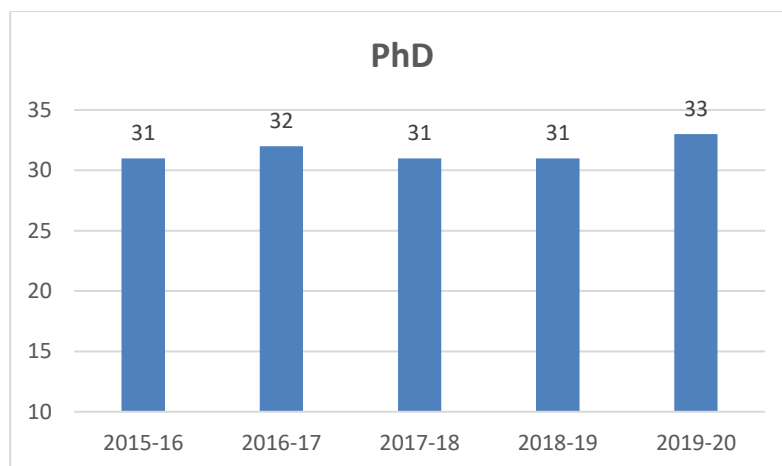


Faculty Qualification Regular Faculty position: 2019-20

	PhD			PG+UG			Total			Total
	P	AsP	AP	P	AsP	AP	P	AsP	AP	
Civil	2	2	3	-	-	11	2	2	14	18
Mech	2	2	2	-	-	10	2	2	12	16
Elec	1	1	3	-	1	10	1	2	13	16
Eln	1	2	2	-	-	7	1	2	9	12
CSE	-	-	3	-	-	11	-	-	14	14
IT	1	1	3	-	-	7	1	1	10	12
PCM	-	-	2	-	-	6	-	-	8	8
Total	7	8	18	-	1	62	7	9	80	96
Total	33			63			96			

Registered for Ph.D.: 18

Faculty Qualification Faculty Qualification: Ph.D



Number of PhD Faculty Members is increasing in last four years

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

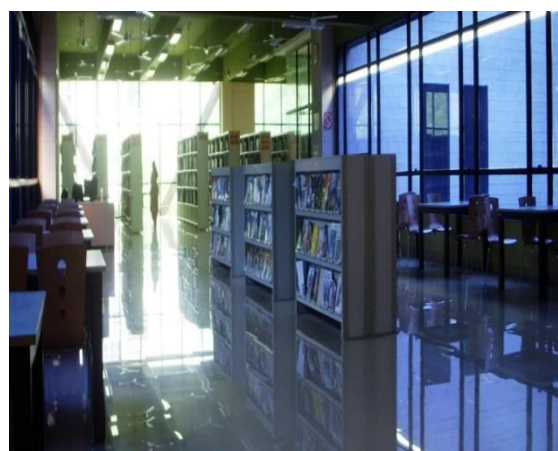
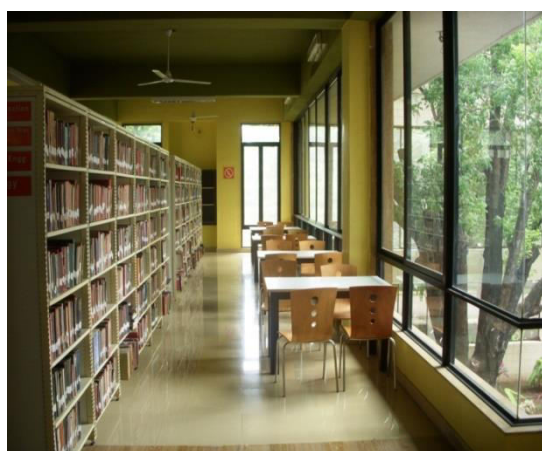
S.N.	Title	Quantity
1.	Books	Total Books=108068 (HI-56592+BB-38412+Bv-13064)
2.	Print journals and Magazines	128
3.	E- Journals and E-books	E-Journals-839, & E-Book-2325 (Springer 1890, GIST Book-435)
4.	Total No. of PG Dissertations	2723
5.	Educational Video Cassettes	77
6.	Microfiche	1700
7.	Total No. of A.V. Cassette	19 sets
8.	Total No. of CD's /DVD's	Total= 3990 CD-3412 & DVD-578



Ajit Gulabchand Central Library



Reading Room



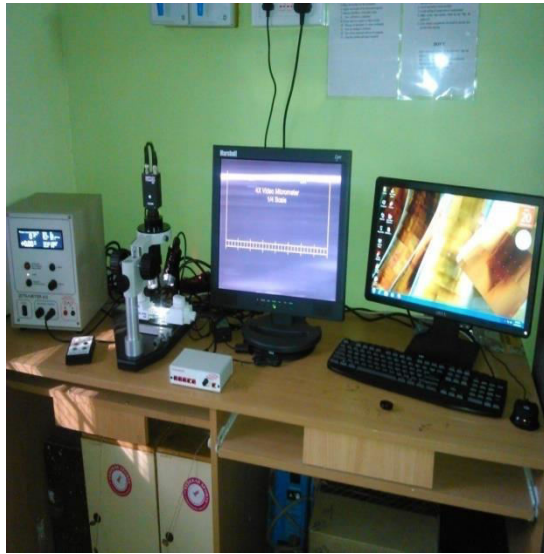
Library Internal view

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: Vector Controlled Induction

Rs. 32.36 L



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

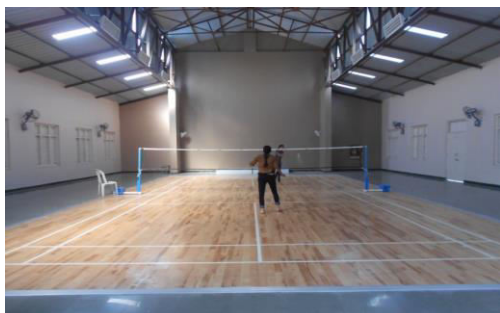


Microprocessor Lab

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



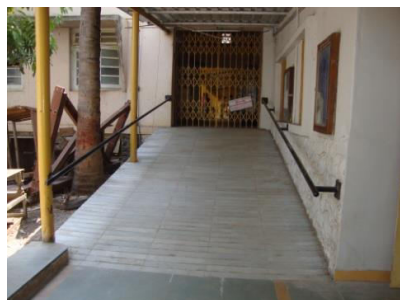
Basket Ball, Kho-Kho facility



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.



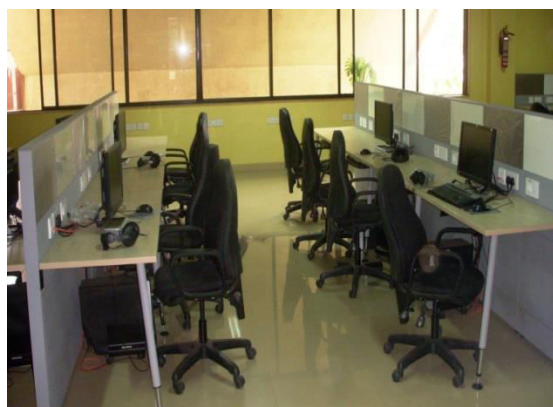
Renovated **Girls Mess** with capacity of 250 and **Canteen** with at time capacity of 60 students and 25 faculty provides subsidized food



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	Patents
Civil	31	--	--
Mechanical	74	--	--
Electrical	13	01	--
Electronics	29	03	--
Comp. Science	17	--	02
Info. Technology	15	--	01
General Science	02	--	--
Total	181	04	03

Details of Research Papers:

Electronics Engineering Department

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1.	International Journal	Wideband Circularly Polarized Planer Inverted-Antenna using Reactive Impedance Surface	Ms. Tejaswi Jadhav, Dr. Mrs. S. S. Deshpande,	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-1	Nov 2019
2.	International Conference	Custom Instruction Based Paradigm Acceleration of security algorithm in WSN applications ”,	Mrs. Vibha Patil, Dr. Mrs. S. S. Deshpande	3rd International Conference on Intelligent Computing and Control Systems (ICICCS-2019) organized by Vaigai College of Engineering, Madurai	15-17 May 2019.
3.	International Conference	FPGA Based Acceleration of security algorithm using Co-design approach for WSN Application”, 3.	Mrs. Vibha Patil, Dr. Mrs. S. S. Deshpande	International Conference on Intelligent Computing and Control Systems (ICICCS-2019) organized by Malla Reddy College of Engineering, Secunderabad	27-28 June 2019.
4.	International Conference	Nonlinear Model Predictive Controller for the Real-Time control of Fast Dynamic System	Mrs. Supriya Diwan , Dr. Mrs. S. S. Deshpande	4th International conference on Communication and Electronics Systems (ICES 2019) Coimbatore.	17-19 July 2019
5.	International Journal	Real-Time Silkworm Egg Counting Using Raspberry Pi and Image Processing – A Review	Ms. Aditi A. Dharangaonkar, Dr. V. B. Dharmadhikari	International Journal of Research and Analytical Reviews Volume 6, Issue 2 Pages 560-562 Publisher IJRAR	June 2019
6.	International Journal	Car Ambient lighting As Driver Information System- A Review	Ms. Aditi A Dharangaonkar Dr. V. B. Dharmadhikari	International Journal of Research and Analytical Reviews Volume 6, Issue 2, Pages 81-84 Publisher (IJRAR)	Jan 2020
7.	International Journal	Review on Design and Development of Vehicle Body Controller.	Ms. Rutuja U. Biraj , Dr. Mrs. A. A. Agashe	International journal for science and Advance Research in technology Volume 6, issue	Jan 2020
8.	International Journal	Wireless Connectivity to Vehicle Body Control Module	Ms. Rutuja U. Biraj, Dr. Mrs. A. A. Agashe	International Journal of Innovative Science and Research Technology, Volume/Issue : Volume 5 - Issue 6	June 2020
9.	International Journal	Vehicle interior Lighting System: A Review	Ms. Amita Mali, Dr. Mrs. A. A. Agashe	International Journal of Engineering and Techniques Volume 5 Issue 6,	Dec 2019
10.	International Journal	Performance Improvement of Phase Locked Loop using GDI Technique	Ms. Snehal S. Koshti , Mr. S. K. Parchandekar	International Journal of Advance and Innovative Research, Volume 7, Issue 1 (VIII): ISSN 2394 –7780	Jan – Mar 2020
11.	International Conference	MIMO antenna with defected ground structure	Mr. Shrenik S. Saradea, Dr. S.D.	International Conference on “Advanced Communication	6-7 Dec 2019

			Ruikar	Computational” at NIT, Kurukshetra	
12.	International Conference	Development Of Multiband MIMO Antenna With Defective Ground Structure: Review “,	Mr. Shrenik S. Saradea, Dr. S.D. Ruikar	International Conference on Computing and Network Communications CoCoNet’19). at Trivendrum, Kerala	18-21 Dec,2019
13.	International Conference	Video Super Resolution by Neural Network: A Theoretical Aspect	Mrunmayee V. Daithankar, Dr. S.D. Ruikar	International Conference on Recent Innovative Trends in Computer Science and application at Ramaiah Institiue of Technology, Bengaluru	25 - 26 Oct 2020
14.	Lecture Notes	Character Segmentation and Recognition of Indian Devanagari Script.	Khanderao M.S., Dr. S. D. Ruikar	Fong S., Dey N., Joshi A. (eds) ICT Analysis and Applications. Lecture Notes in Networks and Systems, volume 93. Springer, Singapore. https://doi.org/10.1007/978-981-15-0630-7_53	2020
15.	Lecture Notes	Real-Time Lane Detection for Autonomous Vehicle Using Video Processing.	Hasabnis C., Mr. S. B. Dhaygude, Dr. S. D. Ruikar	Fong S., Dey N., Joshi A. (eds) ICT Analysis and Applications. Lecture Notes in Networks and Systems, volume 93. Springer, Singapore.	2020
16.	Lecture Notes	Human Identification System Using Finger Vein Image Using Minutia and Local Binary Pattern	Mr. Shrenik S. Saradea, Dr. S.D. Ruikar	. In: Tuba M., Akashe S., Joshi A. (eds) ICT Systems and Sustainability. Advances in Intelligent Systems and Computing, volume 1077. Springer, Singapore	2020
17.	International Journal	POPPY HUMANOID ROBOT	Priyanka K Patil, Dr. S. D. Ruikar	International Journal of Advance and Innovative Research, Volume 7, Issue 1 (VIII): January - pp.219-224.	Mar 2020,
18.	International Journal	Primitive Detection using Deep Learning and Performing using Soft Hand	Abdulrashid Kamal Alaskar, Dr. S. D. Ruikar	International Journal of Advance and Innovative Research, Volume 7, Issue 1 (VIII): January pp.433-437	Mar 2020,.
19.	Book Chapter	Smart sensing of medical disorder detection for physically impaired person	Mr. S. G. Tamhankar	Science Direct ,Journals and Books, 2020, Pages 179-200	2020
20.	Book Chapter	A comprehensive dialogue for U-body sensor network (UBSN) with experimental case study	Mr. S. G. Tamhankar	Science Direct Journal and Books Sensors for Health Monitoring Volume 5 in Advances in ubiquitous sensing applications for healthcare 2019, Pages 47-68	2019
21.	International Journal	Detecting Defects in Power Connector using Machine Learning Via Convolution Neural Networks	Mr. S. G. Tamhankar	International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 6, June 2020 https://irjet.net/volume7-issue S.No: 1236.	2020
22.	International Journal	IOT based Smart Agriculture using Thing speak	Ms. Bhagyashri Tapkire, Dr. Mrs. M. M. Patil	International Journal Engineering Research & Technology (IJERT), ISSN: 2278-0181 Vol. 8 Issue 12	Dec.2019

23.	International Journal	"Smart Agriculture System using Thingspeak"	Ms. Bhagyashri Tapkire, Dr. Mrs. M. M. Patil	International Journal for Science and Advanced Research in Technology (IJSART) Vol.6 Issue 7,	July 2020
24.	International Journal	Study of Web socket Protocol for Real-Time Data Transfer"	Mr. Aniket A. Naik, Mrs. M. R. Khare	International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 6	June 2020
25.	International Journal	Design and Implementation of Object Detection Algorithm for Autonomous Vehicle"	Ms. Shalaka Kamble, Ms. S. U. Patil	International Journal for Science and Advance Research in Technology, Vol.6, Issue 1	Jan 2020
26.	International Journal	IOT based Environment Monitoring and Disease Prediction using Geometric Progression"	Mr. Aditya Javalkar, Ms. S.U. Patil	International Journal of Science and Research, Vol.9, Issue 1	Jan 2020.
27.	International Journal	Design and Implementation of Object Detection Algorithm	Ms. Shalaka Kamble, Ms. S. U. Patil	International Journal for Research and Development in Technology, Vol.14, Issue 1,ISSN 2349-3585	July 2020
28.	International Journal	A Review Paper on Automatic Number Plate Recognition System using Machine Learning Algorithms	Mr. S. R. Khedkar	International Journal of Engineering Research & Technology (IJERT) Vol. 8 Issue 12,	Dec-2019
29.	International Journal	Internet of Things (IOT) based Warehouse Monitoring and Control Interface Implementation	Mr. S. R. Khedkar	International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 06 Issue: 06	June 2019

Information Technology Department

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
01	International Journal	Application of Linguistic Knowledge in Factored Language Modeling for Hindi Language	A.R.Babhulgaonkar, Dr. S. P. Sonavane	Computing in Engineering and Technology, Chapter Jan 2020 DOI: 10.1007/978-981-32-9515-5_50 ISBN: 978-981-32-9514-8	17-10-2019
2	International Journal	Hybrid Deep Learning Approach for Classifying Alzheimer Disease Based on Multimodal Data	A. Shikalgar , Dr.S. P.Sonavane	Computing in Engineering and Technology, Chapter Jan 2020 DOI: 10.1007/978-981-32-9515-5_49 ISBN: 978-981-32-9514-8	17-10-2019
3	International Journal	Minority–Majority Mix mean Oversampling Technique: An Efficient Technique to Improve Classification of Imbalanced Data Sets	S.Patil, Dr.S. P.Sonavane	Computing in Engineering and Technology, Chapter Jan 2020 DOI: 10.1007/978-981-32-9515-5_48 ISBN: 978-981-32-9514-8	17-10-2019

4	International Journal	Automatic Feature Extraction for CBIR and Image Annotation Applications	S.B. Nemade, Dr.S.P.Sonavane	Computing in Engineering and Technology, Chapter Jan 2020 DOI: 10.1007/978-981-32-9515-5_53 ISBN: 978-981-32-9514-8	17-10-2019
5	International Journal	Performance Analysis of Jaya Algorithm Using CEC'2013 Benchmark Functions	Dr.A.J.Umbarkar, Dr.A.C.Adamuthe, S.B.Darade	Soft Computing: Theories and Applications, Chapter Jan 2020 DOI: 10.1007/978-981-15-0751-9_56 ISBN: 978-981-15-0750-2	11-02-2020
6	International Journal	Improved Ant Colony Optimization in K-Means for Data Clustering	S.S. Bamane, Dr. A.J. Umbarkar, M .R. Gaikwad	ICT Analysis and Applications, Chapter Feb 2020 DOI: 10.1007/978-981-15-0630-7_52 ISBN: 978-981-15-0629-1	18-19 July 2017
7	International Journal	Smartphone and IoT Based System for Integrated Farm Monitoring	M.A.Patil, Dr.A.C. Adamuthe, Dr.A.J.Umbarkar	Techno-Societal 2018, Chapter Jan 2020 DOI: 10.1007/978-3-030-16848-3_43 ISBN: 978-3-030-16847-6,	11-7-2019
8	International Journal	Optimizing Deep Convolutional Neural Network for Facial Expression Recognition	U.B.Chavan, Dr.D. B. Kulkarni	European Journal of Engineering Research and Science, Chapter Jan 2019 DOI: 10.1007/978-981-13-1402-5_14 ISBN: 978-981-13-1401-8,	25-02-2020
9	International Journal	Rising Star Evaluation using Statistical Analysis in Cricket	A.M. Khot, A.D. Shinde	Springer Lecture Notes in Networks and Systems (LNNS) Book series	12 June 2020
10	International Journal	QoS Evaluation of VANET Routing Protocol	B.S.Yelure, Dr.S.P.Sonavane	International Conference on Communication and Electronics Systems, Conference Paper Jul 2019 DOI: 10.1109/ICCES45898.2019.9002115	17-19 July 2019
11	International Journal	Image Segmentation using Convolutional Neural Network for Image Annotation	S.B.Nemade, Dr.S.P.Sonavane	International Conference on Communication and Electronics Systems	17-19 July 2019
12	International Journal	F-WSS + + : incremental wrapper subset selection algorithm for fuzzy extreme learning machine	A. Kale, Dr.S. P.Sonavane.	International Journal of Machine Learning and Cybernetics Article Aug 2018DOI: 10.1007/s13042-018-0859-9ISBN: 1868-8071,	8/6/2018
13	International Journal	Pressure sensor behavioral search: Simulation research for aerospace application	V. Wagh, Dr.S. P.Sonavane., C. Kapoor.	International Journal of Recent Technology and Engineering	July 2019
14	International Journal	Smart Sensing of Medical Disorder Detection for Physically Impaired Person	S. G. Tamhankar, Dr.S. P.Sonavane, M. G. Rath	Book Chapter, Elsevier Publication, Volume 5 Chapter Jan 2020 DOI: 10.1016/B978-0-	2019/1/1

				12-820781-9.00010-3 ISBN: 9780128207819,	
15	International Journal	Performance Analysis of Parallel and Scalable GPU Based Convolutional Neural Network	U. B.Chavan, Dr. D. B. Kulkarni	Computing in Engineering and Technology Chapter Jan 2020 DOI: 10.1007/978-981-32-9515-5_45 ISBN: 978-981-32-9514-8	17 October 2019

CSE Department

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
1	International Proceedings	Multi-GPU Approach for Development of Parallel and Scalable Pub-Sub System	Dr Medha A. Shah, Dr Dinesh Kulkarni	ICCASP 2018, Vol 1	Jan-19
2	IEEE International Conference	Recognition of face photos on the basis of sketch using deep CNN and transfer learning	Mayuri B. Bahadure Dr Medha A. Shah	ICICCS 2019	16 /04/2020
3	IEEE International Conference	Human Activity Recognition using RGB-D Sensors	Asmita Bagate, Dr Medha Shah	ICICCS 2019	16 /04/2020
4	International Conference	Local Binary Pattern with Hyperparameter Tuned Support Vector Machine for Fingerprint Classification	Abhijeet Chougule Dr Medha Shah	ICICCS 2019	16/04/2020
5	International Conference	Use of Convolutional Neural Network for Fingerprint Liveness Detection	Abhijeet Chougule Dr Medha Shah	IJCSE Vol.-7, Issue-5	May- 2019
6	International Journal	Continuous Integration and end-to-end Automation Framework Deployment using Docker	Sanskriti Shrawane, Dr Medha Shah	Vol.-7, Issue-5,	May -2019
7	International Journal	A Review: Parameter Reduction Methods in Soft Set Theory	Priyanka D Lanjewar, Dr B F Momin	IEEE : International Conference on Communication and Electronics Systems (ICCES)	Jul-20
8	International Conference	EQLRI : Enhance the Quality of Low Resolution Image using Neural Network	Priyanka Birajdar , Dr B. F. Momin		
9	International Conference	Profile based Energy Management System for Smart Buildings: IoT and ML approach	Dhanashree Berge, Mr Anil Surve		May-20
10	International Journal	<u>A Review on Energy Conservation System with IoT Oriented Technique</u>	Dhanshree Barge, Mr A. R. Surve	International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 7	Jul-20
11	International Proceedings	Lane Detection and Lane Departure Warning System using Color	Rajat Y. Dhawale, Dr Nitin L. Gavankar	In 2019 2nd International Conference on Intelligent	Jul-19

		Detection Sensor		Computing, Instrumentation and Control Technologies (ICICT) 2019, Vol 1	
12	International Proceedings	Optimizing Root cause Analysis Time using Smart Logging Framework for UNIX and GNU/Linux based Operating System	Vyanktesh S. Bharkad, Mr Manik K. Chavan	ICT4SD 2019, Vol 1	Jul-19
13	International Journal	Improved Extended Progressive Visual Cryptography Scheme using Pixel Harmonization	Suhas Bhagate, Dr P J Kulkarni	IGI Global Journal	Publication details awaited
14	International Proceedings	Extracting Aspect Terms using CRF and Bi-LSTM Models	Hetal Gandhi, Vahida Attar	Procedia Computer Science (ICCIDS 2019), Vol 167	Apr-20
13	International Conference	Extracting Aspect Terms using CRF and Bi-LSTM Models	Hetal Gandhi, Vahida Attar	Procedia Computer Science 167	Apr-20
14	International Conference	Fall Alert: A Novel Approach to Detect Fall Using Base as a YOLO Object Detection	Kiran P Kamble, Swapnil S Sontakke, Himanshu Donadkar, Ritik Poshattiwar, Abhinavram Ananth	Springer Nature Singapore Volume. 1141	2/13/2020
15	International Journal	GPGPU based Multi-hive ABC Algorithm for Constrained Global Optimization Problems	Sandeep U. Mane, Amol C. Adamuthe, Aprupa S. Pawar	European Union Digital Library, 2020	Feb. 2020
16	International Journal	Review on prediction of Autism using machine learning algorithm	Siddharaj D Pujari, Dr. K. Anusha	International Journal of Advanced Science and Technology Vol. 29, No. 6, (2020)	May-20
17	International Proceedings	Computing in Engineering and Technology	Ashwini Ashok Kale, Anis Fatima Najeem Mulla	ICCET 2019, Vol 1025	Jan-20

Mechanical Engineering Department

S N	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
1	International Journal	Experimental Investigation of Magnetorheological Finishing on Copper Alloy	Akash More and Rahul Chanmanwar	Materials Today: Proceedings, Elsevier Journals, Vol.19, Issue 02	Aug.2019
2	International Journal	Kinematic Analysis of Circuit Breaker Mechanism	Prathamesh Jagtap	International Journal of Modern Engineering and Research Technology, Volume 6, Issue 2, April 2019, ISSN:2348-8565	April 2019
3	International Journal	Modelling and Simulation of Canopy Control System for Aircraft	Amol Gosavi, S. K. Dwivedi, Shridhar Limaye	International Journal of Engineering & Science Research IJESR, May 2019, Volume 9, Issue5, pp. 36-45	May 2019

4	International Journal	Performance of Shell and Tube Heat Exchanger Using Flow Divider Dimpled Type Baffles	Sagar Nagade, Narayan Sane , Suhas Jagtap	International Journal for Scientific Research & Development (IJSRD), Volume 7, Issue 3, 2019, pp. 1702-1704	May 2019
5	International Journal	Numerical and Experimental Analysis of Leakage Rate of O-Ring Elastomeric Sealing Materials	Ravi Gupta, Dr. R. G. Todkar, Dr. S. G. Joshi	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue 6, pp. 524-528.	June 2019
6	International Journal	The Experimental Analysis of a Vibration Based 2DOF Piezoelectric Energy Harvester	Amol Khade, Vishal Dhende, Shridhar Joshi	Proceeding of IRAJ International Conference	June 2019
7	International Journal	Design and Development of Energy Harvesting Mechanical Motion Rectifier	Kiran Kshirsagar, P. D. Maskar	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue6, pp. 469-473	June 2019
8	International Journal	The Study of Solar Collector Using Closed Loop Pulsating Heat Pipe With Alumina as Working Fluid	Vinay Nikam, Maruti Khot, Mayur Mane	International Journal of Science Research, Volume 7, Issue6, pp. 269-273	June 2019
9	International Journal	Structural Integrity Assessment of Genset Structure for Earthquake Loads	Avinash Vibhute, Vaibhav Shinde, Amar Paranjape	CSE International Journal of Computer Science and Engineering Volume 7, Issue6, June 2019, E-ISSN: 2347-2693	June 2019
10	International Journal	Modelling Simulation of Command and Control System to Execute the Fuel Sequencing for Fighter Aircraft using AMESimSoftware	Pratik Patil	International Journal of Computer Science and Engineering, Volume 7, Issue6, June 2019, E-ISSN: 2347-2693	June 2019
11	International Journal	Design and Development of Test Setup for Impact Endurance Test on Chain Tensioner	Gaurav Mehare, S. H. Limaye	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 831-833	June 2019
12	International Journal	Analysis of Motion Transmissibility of Damper by Using Magneto-Rheological Fluid	Hemanshu Dagade, A. U. Paranjape, M. M. Khade.	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 220-223.	June 2019
13	International Journal	Design and Simulation of Kinematic Linkages of a Launcher for Weapon Carriage and Release from Fighter Aircraft	Sagar Malwade, Maruti Khot, S. S. Dwivedi, M. Kuhikar	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 82-90	June 2019

14	International Journal	Design, Development and Testing of a Vibration Based Electromagnetic and Piezoelectric Dual Mode Energy Harvester	Dhanraj Chavan, R. G. Todkar, S. G. Joshi	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 381-386	June 2019
15	International Journal	Modification of Suspension System of Existing Compressor Using Finite Element Analysis	Arjun Melgiri, Vishal Dhende, Sudhir Arali	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 565-569	June 2019
16	International Journal	Numerical Analysis and Experimental Validation of Stiffened Composite Plate for Structural Health Monitoring	Jayesh Amrutkar, Sajal Roy, Shridhar Joshi, A. B. Admuthe	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 619-623	June 2019
17	International Journal	Development of Lab Scale Model for Dehydration of Grapes Using Hybrid Drying Methodology.	Vijay G. Gaikwad, R. K. Kulkarni	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 862-865.	June 2019
18	International Journal	CFD Analysis of Wind Flow Behaviour Around Tall Stacks: A Review	D. R. Adwani, M. S. Joshi, S. M. Ranade, A. M. Patil	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 319-322.	June 2019
19	International Journal	Performance Analysis of Evacuated Tube Solar Dryer With Desiccant Dehumidifier and PCM as Thermal Storage Material	Akshay Chopade, S. M. Ranade	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 497-500	June 2019
20	International Journal	Analysis of Effect of Coating Materials on Dynamic Properties of Structure	Pramesh Shendage, P. D. Maskar, M. M. Khade	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 614-618.	June 2019
21	International Journal	An Experimental Study on Single Axis Solar Tracking System	Prathmesh Dhikale, Prasanna Chougule, Uday Dabade	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 478-482.	June 2019
22	International Journal	Experimental Investigation of Combined Welding on Mild Steel	Aarati Londhe, K. H. Inamdar	International Journal of Science and Research(IJSR), Volume 8, Issue 6, June 2019, pp. 211-214	June 2019
23	International Journal	Optimization of Process Parameters for Cold Metal Transfer(CMT) Welding of Dissimilar Materials	Yogesh Magdum, Dr .K. H. Inamdar	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 630-636	June 2019
u24	International Journal	Experimental Investigation of Various Process Parameters of Micro WEDM on INCONEL601	Utkarsh Shinghade, Bipin R. Shevade	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 958-962	June 2019

25	International Journal	Modelling And Simulation of Air Brake Hydraulic System of Fighter Aircraft Using ASESIM Software	M. S. Ingawale, Dr. M. M. Khot, S.D. Vispute, Omkar Akhilesham	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 316-323.	June 2019
26	International Journal	Modelling and Simulation of Pneumatic System of a Launcher for Carriage And Release of Weapon From Fighter Aircraft	S. S. Pawar, S. H. Limaye, S. K. Dwivedi, S. K. Thakur, Ravindra Kumar Jadon	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019	June 2019
27	International Journal	Methodology for Zero Defect Station By Advanced Product Quality Planning	Shridhar Paramane, B. R. Shevade	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 819-822.	June 2019
28	International Journal	Modeling and Simulation of Twin Engine Fighter Aircraft Fuel Supply System to Optimize Sequencing During Flight	Onkar Waghmare, Amit Kumar Soni, V. V. Dhende	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 934-939.	June 2019
29	International Journal	CFD Analysis of Wind Flow Behaviour Around Tall Stacks: A Review	Adwani Dinesh, Mr. S. M. Ranade	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019	June 2019
30	International Journal	Modelling and Simulation of Twin Engine Fighter Aircraft Refuelling System and sequence Optimisation	Sushant Shingare, Vishal Dhende	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 683-689	June 2019
31	International Journal	Design and Development of Throttle Valve Endurance Test Machine	Priyanka Kamble, Prof. Shridhar Limaye	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 206-210	June 2019
32	International Journal	Performance Analysis of Air Cooled Steam Condenser for Various Tube Heat Exchanger Configuration	Gaurav Mulik, S. M. Ranade, M. V. Kulkarni	International Journal for Scientific Research & Development (IJSRD), Volume 7, Issue3, pp. 1674-1677	June 2019
33	International Journal	Sand Casting Simulation: A Review	Vishwajeet Patil, Dr. K. H. Inamdar	Journal of Emerging Technologies and Innovative Research (JETIR) January-2019, Volume6 Issue 1, pp. 46-49	June 2019
34	International Journal	Methodology for Salvaging by FDM Technology	Pankaj Gavade, Dr. K. H. Inamdar	Journal of Emerging Technologies and Innovative Research (JETIR) ISSN:2349-5162, Volume 6, Issue 1, pp. 42-45, January-2019	June 2019
35	International Journal	Modelling and Simulation of Command and Control System to Execute the	Dhiraj Patil, P. D. Maskar, Amit Kumar	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June	June 2019

		Fuel Sequencing For Fighter Aircraft Using AMESim Software	Soni	2019	
36	International Journal	An Investigation of Failure and Damage In Unidirectional Composite Under Static Loading	Mahesh Korhale, Dr. Maruti Khot	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 436-443	June 2019
37	International Journal	Design and Development of Experimental Setup for Ball Bearing Noise Testing	Gaurav H. Mehare, Shridhar H. Limaye	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 831	June 2019
38	International Journal	Modeling and Simulation of Fighter Aircraft Refuelling Probe Hydraulic System using AMESim Software	Pratik Patil, Prabhakar Maskar, Sanjay Vispute, Ohmkar Akhilesham	International Journal of Computer Science and Engineering, Volume 7, Issue 6, June 2019	June 2019
39	International Journal	Experimental Investigation of Magnetorheological Finishing on Copper Alloy	Akash More, Rahul Chanmanwar	Materials Today: Proceedings, Volume 19, Part 2, 2019, pp. 312-316	August 2019
40	International Journal	Effect of Tool Profile on a Single Point Incremental Forming Process	Hanumant Deshmukh, J. M. Dabir	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019	August 2019
41	International Journal	Experimental Investigation on a Shield and Magnetic Assisted EDM of EN24 Steel	Nitin S. Chityal, Amar Bhandare, U. A. Dabade	Materials Today Proceeding, Volume 19, Part 2, 2019, pp. 594-598	August 2019
42	International Journal	Methods and Practices to Investigate the Factors Affecting failures in Turbocharger Turbine: A Review	Mayur Lokhande, Dr. S. G. Joshi	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume 6, Issue 6, June 2019, pp. 481-484	August 2019
43	International Journal	Numerical Analysis of Cracked Beam with Various Position of Point Mass	Rohit Kalpavruksha, Mr. A. B. Admuthe	Journal of Emerging Technologies and Innovative Research (JETIR) 2019, Volume6, Issue 6, June 2019, pp. 1023-1026	August 2019
44	International Journal	Symmetric and Asymmetric Coalescence of Droplets on a Solid Surface in the Inertia Dominated Regime	Nilesh D. Pawar, Suprit Singh Bahaga, Sunil R. Kale, Sasidhar Kondaraju	Physics of Fluids 31, 092106 (2019); https://doi.org/10.1063/1.5119014	September 2019
45	International Journal	Effect on an Aluminium Plate with V-fins under Natural Convection heat Transfer Conditions	Mr. P. A. Mane	International Journal of Recent Technology and Engineering (IJRTE)', ISSN: 2277-3878 (Online), Volume-8 Issue-6, March 2020. Page No.: 2219-	March 2020

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46	International Journal	Waste Heat Recovery from Exhaust Gas of an Engine by using a Phase Change Material	Mr Prateek Malwe, Mr. Ganesh S. Wahile, Dr. Ajay V. Kolhe	Materials Today: Proceedings, Publisher: 2020 Elsevier Ltd., DOI: 10.1016/j.matpr.2020.03.247, Available online: 15 th April 2020 (Accepted as Article in Press, Corrected Proof)	April 2020
47	National Conference	Selection of Optimum Working Fluids for Low Power Output Organic Rankine Cycle	Rustum Dhalait, Prof. Suhas Jagtap	43rd National Systems Conference on Innovative and Emerging Trends in Engineering Systems	December 2019
48	International Conference	CFD Modelling of Combustion and Calcination Reaction In Cement Calciner	Shital Mone, Dr. Bajirao.S. Gawali, M.S. Joshi, Vivek Vitankar	Proceedings of the International Conference on Applied Mechanical Engineering Research, NIT Warangal, 2 nd – 4 th May 2019	May 2019
49	International Conference	Parametric Optimization of Magnetorheological Finishing by Using Response Surface Methodology	Akash More, Rahul Chanmanwar	International Conference on Precision, Meso, Micro and Nano Engineering, I.I.T. Indore	June 2019
50	International Conference	Design and Development of Test Set up for Impact Endurance Test on Chain Tensioner	Prasad Thakare, S. H. Limaye	International Conference on Manufacturing, Material Science and Engineering (ICMMSE), 305	June 2019
51	International Conference	Effect of Various Ansys Setting on Load-Deflection Curve In Cohesive Zone Modelling	Rohit Aute, C. Ramdas, R. Waghmare, R. Harshe, S. Joshi	Indian Conference on Applied Mechanics 2019 Conference (INCAM 2019), IISc Bangalore, 3 rd – 5 th July 2019	July 2019
52	International Conference	Some Experimental Study on 2DOF Electromagnetic Harvester	Siddhant Ambilpure, R. G. Todkar, S. G. Joshi	International Conference on Recent Innovation in Mechanical Engineering, Pondicherry, 15 th September 2019	July 2019
53	International Conference	Exergetic Investigations of a Multistage Multi Evaporator Vapour Compression Refrigeration System	Mr. Prateek D. Malwe, Dr. Bajirao.S. Gawali, Mr. Mahmadrafik Choudhari	11 th International Exergy, Energy and Environment Symposium (IEEES - 11), SRM Institute of Science & Technology, Kattankulathur, Tamil Nadu, India, 14 th -18 th July 2019	July 2019
54	International Conference	Performance Analysis of Powder Assisted Reverse Micro Electric Discharge Machining (μ -EDM)	Baburao Koli, Dr. U. A. Dabade	International Conference on Manufacturing, Material Science and Engineering (ICMMSE 2019) at CMR Institute of Technology Hyderabad, 16 th – 17 th August 2019	August 2019
55	International	Selection of Bearing	Priyanka Patil,	International Conference on	August 2019

	Conference	Material to Comply Rohs Regulations as Per EU Directive: A Review	Dr.U. A.Dabade	Manufacturing, Material Science and Engineering (ICMMSE 2019) at CMR Institute of Technology Hyderabad, 16 th – 17 th August 2019	
56	International Conference	Quality Evaluation of Precision Micro Holes Drilled using Pulsed Nd: YAG Laser on Aerospace Nickel-Based Super Alloy	Mangesh Gurav, Dr.U. A.Dabade	International Conference on Manufacturing, Material Science and Engineering (ICMMSE 2019) at CMR Institute of Technology Hyderabad, 16 th – 17 th August 2019	August 2019
57	International Conference	Optimization of Process Parameters During Turning of Inconel 625	Shankar Waghmode, Dr.U. A.Dabade	International Conference on Manufacturing, Material Science and Engineering (ICMMSE 2019) at CMR Institute of Technology Hyderabad, 16 th – 17 th August 2019	August 2019
58	International Conference	Lean Manufacturing Implementation using Value Stream Mapping at Excavator Manufacturing Company	Pratham Masuti, Dr.U. A. Dabade	International Conference on Manufacturing, Material Science and Engineering (ICMMSE 2019) at CMR Institute of Technology Hyderabad, 16 th – 17 th August 2019	August 2019
59	International Conference	Experimental Investigation on a Shield and Magnetic Assisted EDM of EN24 Steel	Nitin S Chityal, Amar Bhandare, Dr.U. A.Dabade	International Conference on Manufacturing, Material Science and Engineering (ICMMSE 2019) at CMR Institute of Technology Hyderabad, 16 th – 17 th August 2019	August 2019
60	International Conference	Experimental Investigation of Magnetorheological Finishing on Copper Alloy	Akash K. More, Mr. Rahul Chanmanwar	International Conference on Manufacturing, Material Science and Engineering (ICMMSE 2019) at CMR Institute of Technology Hyderabad, 16 th – 17 th August 2019	August 2019
61	International Conference	Dimensional Variation and Wear Analysis of 3D Printed Pattern for Sand Casting	Dr. S. U Sapkal, C. Patil, Ms.Darekar Supriya	International Conference on Mechanical and Energy Technology (ICMET)2019, Noida,, UP, 7 th – 8 th November 2019	November 2019
62	International Conference	Analysis and Optimization of Housing of Pillow Block Bearing Casting using Simulation	Pranesh Salagarkar, Dr. Kedar Inamdar	International Conference on Instrumentation and Control Engineering (ICECON 2019) at NIT Tiruchirappalli, 19 th – 21 st December 2019	December 2019
63	International Conference	Analysis of 3D Printed Pattern and Conventional Pattern by Experiment Simulation	Pradip Navale, Dr. Kedar Inamdar	International Conference on Instrumentation and Control Engineering (ICECON 2019) at NIT Tiruchirappalli, 19 th – 21 st	December 2019

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64	International Conference	Optimization of Compound Casting through Simulation Software: A Review	Pranesh Salagarkar, Dr. Kedar Inamdar	International Conference on Engineering ,Mathematical and Computational Intelligence(ICEMCI 2019) at Jabalpur Engineering College, Jabalpur, pp. 32, 21 st – 23 rd December 2019	December 2019
65	International Conference	A Review Identifying Effects of Minimum Quantity Lubrication (MQL) in Turning Process Using Conventional Fluids and Nano Fluids	Vijay Teli, Dr. Kedar Inamdar	International Conference on Engineering ,Mathematical and Computational Intelligence(ICEMCI 2019) at Jabalpur Engineering College, Jabalpur, pp. 42, 21 st – 23 rd December 2019	December 2019
66	International Conference	Experimental Analysis of 3D Printed Patterns and Conventional Pattern: A Review	Pradip Navale, Dr. Kedar Inamdar	International Conference on Engineering ,Mathematical and Computational Intelligence(ICEMCI 2019) at Jabalpur Engineering College, Jabalpur, pp. 49, 21 st – 23 rd December 2019	December 2019
67	International Conference	Applications of Additive Manufacturing in Orthodontics	Akash Joshi, Dr. Kedar Inamdar	International Conference on Engineering, Mathematical and Computational Intelligence(ICEMCI 2019) at Jabalpur Engineering College, Jabalpur, pp. 57, 21 st – 23 rd December 2019	December 2019
68	International Conference	The Effect of Design Parameters on Fused Deposition Snap Fit Components	Sumeet Kadam, Dr. Kedar Inamdar	International Conference on Engineering, Mathematical and Computational Intelligence(ICEMCI 2019) at Jabalpur Engineering College, Jabalpur, pp. 59, 21 st – 23 rd December 2019	December 2019
69	International Conference	Solar Drying of Leafy Vegetables	Prof. S. M. Ranade Asst. Professor	25 th National & 3 rd International ISHMT – ASTFE Heat and Mass Transfer Conference(IHMTTC - 2019) at I.I.T., Roorkee, 28 th – 31 st December 2019	December 2019
70	International Conference	Exergetic Assessment of an Organic Rankine Cycle Integrated with Vapour Compression Refrigeration System	Mr. PrateekD. Malwe, Dr. Bajirao.S. Gawali, Mr. Mahmadrifik Choudhari	25 th National & 3 rd International ISHMT – ASTFE Heat and Mass Transfer Conference(IHMTTC - 2019) at I.I.T., Roorkee, 28 th – 31 st December 2019	December 2019
71	International	A Review on Exergetic	Mr. Prateek D.	25 th National & 3 rd International	December 2019

	Conference	Assessment of an Organic Rankine Cycle Integrated with Vapour Compression Refrigeration System	Malwe, Dr. Bajirao S. Gawali, Mr. Mahmadrafik Choudhari	ISHMT – ASTFE Heat and Mass Transfer Conference(IHMTC - 2019) at I.I.T., Roorkee, 28 th – 31 st December 2019	19
72	International Conference	Analysis of Oscillating Flow Heat Exchanger used in Pulse Tube Refrigerator.	Mahmadrafik Choudhari Dr. Bajirao S. Gawali, Prateek Malwe	25 th National & 3 rd International ISHMT – ASTFE Heat and Mass Transfer Conference (IHMTC - 2019) at I.I.T., Roorkee, 28 th – 31 st December 2019	December 2019
73	International Conference	Waste Heat Recovery from Exhaust Gas of an Engine by using aPhase Change Material(Accepted as Article in Press, Corrected Proof)	.Prateek Malwe , Ganesh S. Wahile, Dr. Ajay V. Kolhe	2 nd International Conference on Advances in Mechanical Engineering and Nanotechnology (ICAMEN - 2020), 28 th – 29 th February 2020, organized by Department of Mechanical Engineering, Manipal University Jaipur, India, Available online / Date ofPublication:15 th April 2020	February &April2020
74	International Conference	Multi objective optimization of dry EDM with Inconel 718 Using Grey Relational Analysis	A S. Bhandare and U. A. Dabade	International conference on Intelligent Manufacturing and Automation	March 2020

Civil Engineering Department

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
01	International Journal	“Effect of Feeding with Aeration System on COD removal in Vertical Flow Constructed Wetland”	Thorat Ankita Prashant, Dr. S. N. Tande and Dr. H. R. Magar Patil	Journal of Emerging Technologies and Innovative Research (JETIR)	May 2019, Volume 6, Issue 5, ISSN-2349-5162, pp 7-15
02	International Journal	Comparative Analysis of Horizontally Curved Prestressed Concrete Multi-Cell Box Girders”,	Parag Tatya Jagtap and Dr. S. N. Tande	Journal of Emerging Technologies and Innovative Research (JETIR),	May 2019, Volume 6, Issue 5, ISSN-2349-5162, pp 40-50.
03	International Journal	“Seismic Performance Assessment of Concrete Diagrid Structures”,	Amruta S. Desai and Dr. S. N. Tande	Journal of Emerging Technologies and Innovative Research (JETIR),	May 2019, Volume 6, Issue 5, ISSN-2349-5162, pp 68-74.
4	International Journal	“Steel Truss Bridge Using Mesh Insensitive Method”	ChhayaDhanrajChavan and Dr. S. N. Tande	Journal of Emerging Technologies and Innovative Research (JETIR),	May 2019, Volume 6, Issue 5, ISSN-2349-5162, pp 567-

					572.
5	International Journal	"Wind Induced Response of Tall Building with Tapered Opening"	Pranav N. Joshi and Dr. S. N. Tande,	Journal of Emerging Technologies and Innovative Research (JETIR)	June 2019, Volume 6, Issue 6, ISSN-2349-5162, pp 582-590.
6	International Journal	"Blast Load Mitigation of Concrete Bridge Circular Piers by External Strengthening of Pier"	Pallavi N Khude and Dr. S. N. Tande,	International Journal for Research in Applied Science & Engineering Technology (IJRASET),	Volume 7 Issue VI, June 2019, ISSN: 2321-9653, pp 2648-2654.
7	International Journal	"Performance Evaluation of Water Distribution System for Residual Pressure- A Case study."	P P Surana, V D Salkar, B R Kavathekar	Journal of Indian Water Works Association	July-September 2019, Proceeding.
8	International Conference	"Performance Evaluation of Integrated Decentralized Waste water Treatment System for an Engineering College"	Guru Munavalli, Pratap Sonavane, SagarWandare, Nikhil Aswale and Kusum Biradar	International Conference on Engineering, Mathematical and Computational Intelligence (ICEMCI2019)	October 2019.
9	Journal	"Wind-Induced Fatigue Analysis of Diagrid Structural System for High Rise Steel Buildings".	Kartik Choudhari Sachin Kadam and Vijay Khose	Journal of Structural Engineering (JOSE), SERC. (In Press)	
10	International conference	"Effect of Feeding with Aeration System on COD removal in Vertical Flow Constructed Wetland"	Piyush Jadhav Guru Munavalli	International Conference on Engineering, Mathematical and Computational Intelligence (ICEMCI2019), Jabalpur Engineering College, Jabalpur	October 2019.
11	International conference	"Study on alternate modes of plantation in bio-rack constructed wetland",	Tulsiram Jangid Guru Munavalli	4th International conference on Materials, Mechanics and Management, College of engineering Trivandrum(IMMM2020) [To be published in conference proceedings]	
12	International conference	"Study on Hybrid Biorack Constructed Wetland",	G. R. Munavalli, P. G. Sonavane, S. M. Wandare, K. S.Biradar'	6th International Conference on "Energy and City of the Future" EVF'19, MIT Pune	To be published in E3S December 2019.

13	International journal	"Seismic Fragility Reduction of a Unreinforced Masonry School Building through Retrofit"	Kadam, S.B., Singh, Y., & Li, B. (2019).	Earthquake Engineering and Engineering vibration	19, 397–412 (2020). https://doi.org/10.1007/s11803-020-0569 .
14	International Conference	Development of field-scale composite biorack constructed wetland–start-up phase"	Mitil Koli Guru Munavalli	6th International Conference on "Energy and City of the Future" EVF'19, MIT Pune	(To be published in E3Sweb of conferences)
15	International Conference	"Study on vertical flow constructed wetland with intermittent loading under saturated and unsaturated conditions"	Bhargavi Dhamangaonkar, Guru Munavalli,	International Conference on Sustainable Technologies for Desalination & National Water Mission (InDACon2020), Indus University, Ahmedabad,	[To be published in Springer nature] May 2020.
16	International journal	"Seismic Fragility Reduction of a Unreinforced Masonry School Building through Retrofit"	Kadam, S.B., Singh, Y., & Li, B. (2019)	Earthquake Engineering and Engineering Vibration, 19	397–412 (2020). https://doi.org/10.1007/s11803-020-0569 .
17	International Conference	"Behaviour of Transmission Line Tower using Hot-Rolled Sections "	Estalkar Nikita and Kadam Sachin (2019)	International Conference on Emerging Trends in Engineering (ICETE) 22-23 at University College of Engineering Osmania University, Hyderabad https://www.icete2019.com	March 2019
18	International Journal	"Speedy Construction of RCC Work in High-rise Buildings by Optimizing Shoring/Reshoring Levels using Genetic Algorithm".	Prachi Sohoni, Bhavya Mittal, Vasant A. Matsagar and K. N. Jha (2019).	Practice Periodical on Structural Design and Construction, DOI: 10.1061/(ASCE)SC.1943-5576.0000483.	2019
19	International Journal	"Evaluating the factors for shore selection in multistory building construction"	Prachi Sohoni and K. N. Jha (2020)	International Journal of Construction Management, DOI:10.1080/15623599.2020.1762034.	2020
20	International Journal	"Modal Pushover Based Seismic Fragility Analysis for Torsionally	Dr. V. S. Patil	Asian journal of civil Engineering, Springer publication	24 April 2020

		Stiff High Rise RC Building”,			
21	International Journal	“Experimental Investigations on Masonry Buildings Strengthened using Ferro-Cement under Dynamic Loading”.	Kadam, S.B. and Singh, Y. (2020)	ISCT Journal of Earthquake Technology (Under Review)	
22	International Journal	Study on Domestic Wastewater Treatment by Moving Bed Sequencing Batch Reactor	Shaha Sunil S., Munavalli G. R., Joshi S. G.	VTU Journal of Engineering Sciences and Management	August 2019
23	International Conference	Performance Evaluation of Baffled and Floating Hybrid Constructed Wetland Operated Under Field Conditions	Shrutee Dasare Guru Munavalli	6th International Conference on "Energy and City of the Future" EVF'19, MIT Pune (To be published in E3S web of conferences)	December 2019
24	International conference	A systematic assessment for the determination of Sugarcane Bagasse Ash variation potential throughout the harvesting season	A. K. Mali Prakash Nanthagopalan	Materials Today: Proceedings	May 2020
25	International Journal	Rising Star Evaluation using Statistical Analysis in Cricket.	Amruta Khot and Anmol Magdum	First International Conference on Advances in Distributed Computing and Machine Learning (I CADCM 2020), Vellore Institute of Technology, Vellore.	June 2020
26	International conference	Package Treatment System for Domestic Wastewater: A Review	Vivek Patil and Guru Munavalli	4th International conference on Materials, Mechanics and Management, College of engineering Trivandrum (IMMM2020) [To be published in 2020 International conference proceedings]	2020
27	International conference	Study on depth and characteristics of sludge in field -scale Anaerobic Baffled Reactor	Satyam Shinde and Guru Munavalli	4th International conference on Materials, Mechanics and Management, College of engineering Trivandrum (IMMM2020) [To be published in 2020	2020

				International conference proceedings]	
28	International conference	Estimation of Oxygen Transfer Parameter in Feeding System of Vertical Flow Constructed Wetland	Piyush Jadhav and Guru Munavalli	4th International conference on Materials, Mechanics and Management, College of engineering Trivandrum (IMMM2020) [To be published in 2020 International conference proceedings]	2020
29	International conference	Water Audit for Engineering College Campus	Shradha Phalle, Prasad Gaikwad, Kaustubh Mujumdar, Samruddhi Patil, Shweta Gurav, Buddhabhushan Kamble and Guru Munavalli	4th International conference on Materials, Mechanics and Management, College of engineering Trivandrum (IMMM2020) [To be published in conference proceedings]	2020
30	International conference	Application of first order kinetic models for simulation of effluent COD in field - scale baffled and biorack hybrid constructed wetland	Mitil Koli and Guru Munavalli	International Conference on Sustainable Technologies for Desalination & National Water Mission, Indus University, Ahmedabad, (InDACON2020) [To be published in Springer nature]	2020
31	International conference	Simulation and Parameter Estimation in Vertical Flow Constructed Wetland for COD Removal	Guru Munavalli	International Conference on Sustainable Technologies for Desalination & National Water Mission, Indus University, Ahmedabad, (InDACON2020) [To be published in Springer nature]	2020

Electrical Engineering Department

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
1	International Journal	Switch Open-circuit Fault Diagnosis and Fault-Tolerant Control for Boost DC-DC Converter	Satyan Jagtap and D. S, More	Science Direct	Jan 20
2	International Journal	Real-Time Switch Fault Diagnosis and Fault-Tolerant	Satyan Jagtap and D. S, More	International Journal of Future Generation	May 20

		Control Method for Boost DC-DC Converter		Communication and Networking	
3	International Conference	Analysis and control of hybrid boost converter with simultaneous AC and DC output “	Akshay Laxman Pujari and D. S. More	Fourth International Conference on Communication and Electronics Systems (ICCES 2019)	July 2019
4	International Conference	Comparison of Cuk converter with proportional integral control and proportional resonant controller	Tejal D. Patil and D. S. More,	Fourth International Conference on Communication and Electronics Systems (ICCES 2019)	July 2019
5	International Conference	Mixed multilevel inverter for high power medium voltage applications,	Moneshwar S. Sutar, D. S. More and Arbind Kumar	International conference on Computing, power and communication technologies (GUCON 2019)	September 2019
6	International Conference	An extension of interleaved hybrid converter for concurrently AC and DC outputs	Pankaj Bhupal kore and D. S. More,	International conference on Computing, power and communication technologies (GUCON 2019)	September 2019
7	International Journal	Stabilization of Cart Inverted pendulum using type 2 fuzzy PID Controller	Shraddha D. Tale, N. V. Patel	2019 Journal of Emerging Technologies and Innovative Research (JETIR)Volume6, issue 5, pages.30-33	May 2019
8	International Conference	PID Tuning Methods for FOPD system	A.B. Patil, Vrushali Mahajan	International Conference on Intelligent Computing & Control	July, 2019
9	International Conference	Durenberger observer based sensor less speed control of induction motor with Fuzzy tuned PID controller	V. S. Virkar and S. S. Karvekar	2019 International Conference on Communication and Electronics Systems (ICCES)	July 2019
10	International Conference	Isolated Boost Converter with Transformerless Micro inverter for Single Phase Standalone Solar System	S. S. Karvekar, S. S. Sonandkar and M. R. Khadatare	2019 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT)	July 2019
11	International conference	Power Quality Improvement Using Unified Power Quality Conditioner with Distribution Generation	Ramchandra P. Hasabe	Communication and electronics systems (ICCES), IEEE.	July 2019.
12	International Journal	A Safe Operation Of Transformer less Multilevel Inverter With PV Negative Terminal Ground Connected	Shubham A Jadhav, S.L. Shaikh	IEEE Forum International Conference	June 2019

13	International Journal	Analysis of the single phase split source inverter by using different AC-DC topology	Omkar Londhe, S. L. Shaikh	International Journal of Engineering Research and Technology	July 2020
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General Science Departments

SN	Type of Publication	Details of Paper	Name of Author	Journal/Conference Details	Date of Publication
1	International Journal	"Design of PWM Controlled Three Phase Induction Motor Drive with Soft-Start and Redundancy"	B.N. Jamadar, K.V. Madhale, D. S. Sutrave	International Conference on Circuits and Systems in Digital Enterprise Technology (ICCSDET)-2018 at Saintgits College of Engineering, Kottayam, Kerala. Date of Conference: 21-22 Dec. 2018, Date Added to IEEE Xplore : 02 September 2019, ISBN Information: INSPEC Accession Number: 18959567, DOI: 10.1109/ICCSDET.2018.8821167 Publisher: IEEE	September 2019
2	National Proceeding	"NO2 sensing properties of ZnO thin film prepared by sol-gel method"	K.V.Madhale, B.N.Jamadar, S.B.Kulkarni	National conference on Materials and their applications: A broad Perspective at B.N. Bhandarkar College of Science, Thane	January 2020

Google Scholar Citation Details

Name of Faculty	Designation	Google Scholar							
		2015 Onwards			All			No. of Publications	
		Citations (since 2013)	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Dr. Mrs. S. S. Deshpande	Professor	55	5	1	63	5	1	13	22
Dr. B. G. Patil	Asso. Prof	9	2	0	15	3	0	5	9
Dr. V. B. Dharmadhikari	Asso. Prof	72	4	3	89	5	3	7	13
Dr. Mrs. A. A. Agashe	Asso. Prof	41	4	1	58	5	3	8	16
Dr. S. D. Ruikar	Asso. Prof	262	7	5	365	7	6	32	56
Mr. S. G. Tamhankar	Ass. Prof.	39	3	1	54	4	1	10	16
Dr. Mrs. M. M. Patil	Prof. (Adhoc)	71	5	1	87	5	2	13	25
K.V. Madhale	Associate Professor	21	2	1	23	2	1	23	23
B.N. Jamadar	Assistant Professor	15	3	0	23	3	1	23	23
M H Pendse	Associate Professor	2	1	1	48	4	4	6	10
Dr.S.N.Tande	Professor	173	7	4	186	7	4	2	36
Dr.P.G.Sonavane	Professor	14	3	0	25	3	0	7	21
Dr.G.R.Munavalli	Associate Professor	209	7	6	464	8	7	24	54

Dr.K.S.Gumaste	Associate Professor	152	4	2	253	5	4	6	10
Dr.V.D.Salkar	Associate Professor	41	3	1	41	3	1	41	4
Dr.Sachin kadam	Assistant Professor	112	6	2	120	6	3	11	17
Dr.C.B.Pol	Assistant Professor	45	2	2	54	2	2	3	14
Dr.Prachi Sohani	Assistant Professor	20	3	0	24	3	1	4	16
Dr.Ravindra Desai	Assistant Professor	4	1	0	4	1	0	2	20
B. S. Gawali	Professor	17	5	1	95	6	1	17	32
U. A. Dabade	Professor	582	12	12	885	12	12	40	78
K. H. Inamdar	Professor	172	6	5	219	9	6	45	191
S. U. Sapkal	Associate Professor	184	8	8	197	9	8	22	37
B. N. Naik	Assistant Professor	3	1	0	3	1	0	1	1
M. M. Khot	Professor	7	1	0	7	1	0	1	2
A B. Admuthe	Assistant Professor	0	0	0	1	1	0	1	3
P. A. Mane	Assistant Professor	39	4	1	53	4	2	9	22
R M Chanmanwar	Assistant Professor	36	2	1	42	2	1	6	20
Prof. Dr. A. P. Vaidya	Professor	80	5	4	100	6	4	14	24
Dr. D. S. More	Associate Professor	186	6	5	238	7	7	20	35
Mr. A.B. Patil	Associate Professor	404	8	8	457	10	12	9	11
Mrs. S.L Shaikh	Assistant Professor	12	1	1	12	1	1	2	6
Dr. R. P. Hasabe	Assistant Professor	44	3	2	68	5	3	8	15
Mrs. S. P. Diwan	Assistant Professor	40	3	1	46	3	1	8	15
Mr. S. S. Karvekar	Assistant Professor	21	3	0	24	3	0	13	13
Mr. V.P. Mohale	Assistant Professor	6	2	0	12	2	0	4	5
Dr. D. R. Patil	Professor	168	6	1	223	7	5	54	82
Mrs. A.S. Karvekar	Assistant Professor	29	3	0	32	4	0	3	3
Dr. M. A. Shah	Assistant Professor	33	3	1	41	4	1	41	
Dr. B.F. Momin	Associate Professor	158	8	5	203	8	7	203	
Mr. A. R. Surve	Assistant Professor	72	5	1	76	5	1	76	
Dr. N. L. Gavankar	Assistant Professor	28	2	1	28	2	1	28	
Mr. M. K. Chavan	Assistant Professor	21	2	1	23	2	1	23	

Dr. P J Kulkarni	Professor	204	8	7	272	10	11	272	
Mr. K. P. Kamble	Assistant Professor	1	1	0	1	1	0	1	
Ms. A. S. Pawar	Assistant Professor	6	1	0	6	1	0	1	
Dr. Dinesh Balkrushna Kulkarni	Professor	53	4	1	75	5	2	18	27
Dr. Shefali Pratap Sonavane	Associate Professor	72	5	2	79	5	3	19	42
Dr. Anantkumar Janardan Umbarkar	Assistant Professor	307	8	8	325	9	9	26	37
Dr. Ravindra Ramkishan Rathod	Assistant Professor	36	2	1	36	2	1	2	5
Umesh Balkrushna Chavan	Assistant Professor	24	2	1	26	2	1	7	13
Bharati S. Shetty	Assistant Professor	12	2	0	19	2	1	2	17
Dr. Prashant Krishnarao Kharat	Assistant Professor	42	4	0	51	5	1	11	16
Manish Balaji Narnaware	Assistant Professor	37	2	1	45	2	1	7	12
Mayur G. Rathi	Assistant Professor	2	1	0	2	1	-	2	4

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
1.	Mrs. S.S. Deshpande	Prof. Electronics	Dr. S.C. Patwardhan	July 2005	Computationally efficient model based control for fast dynamic systems	Completed 15 Sept 2010
2.	Mrs. A. A. Agashe	Asso. Prof. Electronics	Dr. S.K. Bodhe	Nov. 2003 Shivaji University, Kolhapur	Mobility management in Adhoc networks; A special reference to handoff mechanism.	Completed July 2009
3.	S.D. Ruikar	Asso. Prof. Electronics	Dr. D.D. Doye	22 Nov 2006 SGGS, Nanded	Image Denoising using wavelet transform	Completed 22 Mar2013
4.	B.G. Patil	Asso. Prof. Electronics	Dr. Shaila Subbaraman	12 July 2006	Human Feature Vector and Classifier Through Iris Pattern Recognition	Completed 24 July 2015
5.	V.B. Dharmadhikari	Asso. Prof. Electronics	Dr. P. J. Kulkarni	27 Sept 2012	Quality of service issues, formulation and performance evaluation of traffic smoothing techniques for mpeg video transmission in packet switched networks	Completed 22 July 2015
6.	M. H. Pendse	Asso.Prof. Chemistry	Dr. S. H. Pawar	June 1990 Shivaji University	Studies on Electrodeposited Dy-Ba-Cu-O H Tc Superconducting Films	Completed 10July 1993

					and their Characteristics	
7.	P.G. Sonawane	Prof. Civil	Dr. S.V. Ranade	7 Jan 2003	Mechanism & Kinetics of Nitrogen & Phosphorus Removal in Root Zone Treatment of Domestic Waste	Completed 4 July 2008
8.	S.N. Tande	Prof. Civil - APM	Dr. K.T. Krishnaswamy	July 2000 SU, Kolhapur	Elastic and Limit analysis of Reinforced Concrete Skew slabs	19 Sept 2005
9.	V.D. Salkar	Asso. Prof. Civil	Dr. A.R. Tembhurkar, Visvesvaraya	01 July 2009 VNIT, Nagpur	Design and development of efficiency up-flow sand filter for water treatment	27 Sept 2015
10.	G.R. Munawali	Asso. Prof. Civil	Dr. M.S. Mohan Kumar, Civil Engg.	1st August, 1999 QIP IISc, Bangalore	Simulation and Parameter Estimation of Water Quality in Distribution System	Submitted 31 July 2002 Result 22 Mar 2003
11.	K.S. Gumaste	Asso. Prof. Civil	Dr. K.S. Jagdish, Dr. B.V.V. Reddy, K.S. Nanjund Rao, Civil Engg.	1 Aug 2000 IISc, Bangalore QIP	Strength and Elasticity of Brick Masonry Walls	Submitted 11 Jan 2004 Result 8 Jan 2005
12.	C.B. Pol	Asst. Prof. Civil - APM	Dr. Saurik Banerjee	15 Oct 2010 IIT, Bombay	Modeling of divided wave propagation and its interaction with defects in composites and sandwich structures	submitted July 2015
13.	S.B. Kadam	Asst. Prof. Civil-APM	Dr. Y. Singh	2010-11 IIT, Roorkee	Performance Evaluation and Retrofit of Masonry Buildings	Submitted Jan-2015, Result 4 Aug 2015
14.	B.S. Gawali	Mechanical	Dr. K.G. Narayan Khedkar	July 1999 IIT, Bombay	Design and Development of pulse tube nitrogen liquefier	Sept. 2005
15.	U.A. Dabade	Mechanical	Dr. S.S. Joshi	July 2004 IIT, Bombay	Machining of metal matrix composites	May 2008
16.	K.H. Inamdar	Mechanical	Dr. S.G. Joshi	Sept. 2003 Shivaji University, Kolhapur	Some studies on analysis of surface quality of flat metal surfaces using image processing techniques	20 June 2007
17.	S. U. Sapkal	Mechanical	Dr. Deepak Laha, Mechanical Engineering Department, Jadavpur	August 2009	Improved Heuristics for Manufacturing Scheduling	Completed on August 2013

			University, Kolkata			
18.	M.M. Khot	Mechanical	Dr. B. S. Gawali (Mech - HPE)	1 January 2008 SUK	Design and development of a flexure bearing for miniature linear compressor	submitted 24 July 2014 Viva & result 7 May 2015
19.	S.V. Gaikwad	Mechanical	Dr. R.S. Mulik ,	9 July 2014 IIT Roorkee	Performance study of pretalling tool for deep annular grooving	16 December 2019
20.	Dr. D. S. More	Electrical	Dr. B. G. Fernandes	July 2005	Design and Analysis of Three- Phase Flux Reversal Machine for Rooftop Wind Power Application.	Completed on Oct 2010
21.	Prof. Dr. A.P.Vaidya	Electrical	Dr. M.N. Narayanachar	30/07/1998	A Model Study for the Application of Wavelet & Neural Network for Identification & Localization of Partial Discharges in Transformers	Completed 2005
22.	Dr. R P. Hasabe	Electrical	Prof. Dr. A. P. Vaidya Electrical	1 July 2010	Development of a Method to Mitigate the Effects of Statcom on the Distance Protection Scheme using Wavelet Transform and Neural Network	Completed on 9 th May 2017
23.	Dinesh Balkrishna Kulkarni	Prof. IT	Dr. P. J. Kulkarni CSE Dept	July 1999 Shivaji University	Iterated Function System for Image Coding	Completed September 2005
24.	Shefali Pratap Sonavane	Asso. Prof. IT	Dr. S. M. Deshpande	01.01.2005 Shivaji University	Capacity Estimates Analysis and Design of Improved Stenographic Algorithms for Compressed Images	Completed 10.11.2010
25.	Anantkumar Janardan Umbarkar	Assi. Prof. IT	Dr. M. S. Joshi CSE Dept.	June 2010 BAMU Aurangabad	Design and Analysis of Parallel Multipopulation Genetic Algorithm on Multicore System	Completed 17.06.2016
26.	Ravindra Ramkishan Rathod	Assi. Prof. IT	Prof. R. D. Garg, Civil Dept	13.07.2013 IIT Roorkee	Spatial Data Mining Methods for Electricity Consumption Profiling	Completed 07.06.2017
27.	Prashant Krishnarao Kharat	Assi. Prof. IT	Dr. Muralidhar Kulkarni	NIT Surathkal	Modified QUIC Protocol with Congestion Control for Improved Network Performance	Completed 1-10-2019
28.	Dr. Mrs. M. A. Shah	CSE	Dr. D. B. Kulkarni, CSE	01/07/2011, Shivaji University, Kolhapur	Investigation on Design Issues and Performance Analysis of Parallel Scalable Publish Subscribe System.	Completed on 22/06/2019

29.	Dr. B. F. Momin	CSE	Dr. RanaDatta Gupta, CSE Department and Dr. SushmitaMitra (Machine Intelligence Unit, ISI Kolkata)	15/01/2002 Jadhavpur University (IIT) Kolkata	Some Issues in Data Mining using Soft Computing	Completed on 08/02/2008
30.	Dr. N. L. Gavankar	CSE	Prof. S. K. Ghosh, civil(geomatics)	09/07/2014, I.I.T. Roorkee	A Study on building Extraction Techniques using High Resolution Satellite Data	Completed on 17/08/2018

Regular Degree Faculty Ongoing Ph.D. details

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis	Status: Ongoing/ Completed on
1	Mr. N.V. Marathe	Asso. Prof Electronics	Dr. U.B. Desai	21 July 2005 IIT, Bombay	Opportunistic scheduling in cellular data networks	Ongoing
2	Mr. S.G. Tamhankar	Asso. Prof Electronics	Dr. F.S. Kazi, VJTI, Mumbai	27 July 2012	Area: Cyber physical system security	Ongoing
3	K.V.Madhale	Associate Prof. in Physics	Dr.S.B.Kulkarni Material Science	12/02/2019 Dr. Homi Bhaba State University, Mumbai	Studies On Synthesis And Fabrication Of $La_{(1-x)}Sr_xmno_3$ -Reduced Graphene Oxide (Rgo) Electrode Materials And Its Composites For Supercapacitive Performance	Ongoing
4	B.N.Jamadar	Asst. Prof. in Physics	Dr.D.S.Sutrave Power Electronics	01/07/2010 Punyashlok Ahilyadevi Holkar University, Solapur	Design and Development of PWM Technique for Three Phase Induction Motor Drive with Auto Fault Detection.	Ongoing
5	A.K. Mali	Asst. Prof. Civil	Dr. Prakash Nanthagopalan,	12 July 2013 IIT, Mumbai	Utilization of sugar cane bagasse ash in concrete	Ongoing
6	Anant kokane	Asst. Prof. Civil	NA	IIT Roorkee	NA	Ongoing
7	B.N. Naik	Mechanical	Dr.Mrs.Sangita Kohali	24 July 2014 IIT, Delhi	Biomass cookseave study (Area of Study)	Ongoing
8	A.P. Patil	Mechanical	Prof. S. P. Harsha Mechanical and Industrial Engineering	10 Sept. 2018 IIT Roorkee	Diagnosis of rolling element bearing using vibration and acoustic emission signals	Ongoing
9	Mrs. S. P. Diwan	Electrical	Dr.S.H.Jangamshetti , Electrical	March 2016, VTU, Belgavi	Novel wavelet based algorithm for Distribution Static Compensation	Ongoing
10	Mr. S. S. Karvekar	Electrical	Dr. P. M. Joshi Electrical Engineering	1 st July 2017 Shivaji University, Kolhapur	Implementation and Performance Analysis of Electrified Transportation System using Enhanced Phase Locked Loop	Ongoing

11	Umesh Balkrishna Chavan	Asst. Prof. IT	Dr. D. B. Kulkarni	1.07.2013 Shivaji University	Performance Issues in Parallel Scalable FACIAL EXPRESSION RECOGNITION	Ongoing
12	Bharathi S. Shetty	Asst. Prof. IT	Dr. Suresha Principal, SVCE Bangalore	10/07/2017	"Design an Efficient Energy Balancing Routing Algorithm for Data Communication in Wireless Sensor Networks"	Ongoing
13	Mr A R Surve	CSE	Dr. V. R. Ghorpade, CSE	01/01/2014	Design and Development of service oriented architecture based context aware pervasive system framework	Ongoing

Books Published by Faculties:

Sr. No.	Name of Faculty	Title of Book	Name of Publisher	Year of Publication
1	Dr. Sachin D. Ruikar	Electromagnetic Field Theory,	Nirali Publication	Sept 2019.
2	Dr. Sachin D. Ruikar	Control System Engineering	Nirali Publication	Sept 2019.
3	Dr. Sachin D. Ruikar	Antennas & Wave Propagation	Nirali Publication	Nov. 2019.
4	Mr. M. S. Mahagaonkar	Basic Electrical Engineering	Amazon- Kindle	2019

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

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Dr. Y.M. Patil	Dr. G.R. Munavalli	1 st July 2009	"Performance Evaluation of Low-Cost Greywater Treatment Systems".	17 th Dec. 2018
2	Dr. S.S. Shaha	Dr. G.R. Munavalli	12 th Jan. 2015	Performance Evaluation of Moving Bed Biofilm Reactor (MBBR) in Sequential Batch Mode for Domestic Wastewater Treatment	30 th July 2020
3	Shri. V. T. Gaikwad	Dr. G.R. Munavalli	1 st July 2011	Coagulation and softening Studies using natural coagulants and ballasting agents in Decentralized water treatment	Ongoing; Thesis submitted
4	Shri. G.M. Garud	Dr. G.R. Munavalli	1 st July 2012	Study on Dewatering and Stabilization in sludge treatment Vermicomposting Constructed Wetland	Ongoing
5	Shri. B.R. Kavathekar	Dr. G.R.	To be	Studies on Domestic	Ongoing

		Munavalli	conveyed by SUK	Wastewater Treatment by Constructed Bio-rack Wetland Systems	
6	Shri. S.D. Kamble	Dr. G.R. Munavalli	To be conveyed by SUK	Studies on Microbial Fuel Cell aided with Multi-Species Constructed Wetland and Aquatic Treatment System for Domestic Wastewater Treatment	Ongoing
7	Shri. S. B. Hivarekar	Dr. G.R. Munavalli	1 st July 2011	Studies on water treatment by clay filter impregnated with natural materials	Ongoing (Period completed and not applied for re- registration)
8	Shri. S. S. Mane	Dr. G.R. Munavalli	1 st July 2011	Studies on modeling and treatment of common textile effluent using anaerobic and aerobic sequential batch reactor	Ongoing (Period completed and not applied for re-registration)
9	Desai Ravindra Shashikant	Prof Dr. S. N. Tande	1/7/2011	Structural Performance Improvement by Energy Management Devices and Optimization using Genetic Computing	Completed
10	Salunkhe Mahesh Suryajirao	Prof Dr. S. N. Tande	1/7/2011	In-elastic Seismic Design of Reinforced Concrete Structures using Rigid- Plastic Method	Submitted
11	Patil Vishvas Shamrao	Prof Dr. S. N. Tande	1/7/2011	Probabilistic Based Seismic Performance Evaluation of Existing Reinforced Concrete Buildings and Retrofitting Strategy	Completed
12	Desai Ravindra Maruti	Prof Dr. S. N. Tande	Allotted on 08/11/2012	Nonlinear seismic reliability and fragility analysis of steel- concrete composite structures	Submitted
13	Vinod Vasantrao Vanmore	Prof. Dr. U. A. Dabade	1/7/2012 Reported July 2013	Development and performance analysis of micro abrasive jet machining process.	ongoing
14	Amar Shrikant Bhandare	Prof. Dr. U. A. Dabade	1/7/2012 Reported July 2013	Effect of Dry EDM on surface integrity of Inconel 718	ongoing

15	Abhijit Rajaram Shinge	Prof. Dr. U. A. Dabade	1/7/2013 Reported July 2014	Experimental Investigation and Validation of Process Parameters in Micro Milling of Aluminium Alloy Micro Channels	ongoing
16	Rahul Chandrakant Bhedasgaonkar	Prof. Dr. U. A. Dabade	2018-19 (Registration certificate yet not received from university)	Experimental investigation of performance of hybrid nano green cutting fluid in machining of difficult to cut material.	ongoing
17	Jitendra Govind Shinde	Dr. M. M. Khot	19/01/2019	Design, Development and experimental investigation of miniature moving magnet pulse tube cryocooler.	Ongoing
18	Vijayshingh balaso Suryawanshi	Dr. M. M. Khot	19/01/2019	Design, Development and experimental investigation of miniature moving coil pulse tube cryocooler	Ongoing
19	Mrs. Sonali Sachin Sankpal	Dr.(Mrs.) Shraddha Sunil Deshpande	01/07/2011	Image Enhancement and Colour Correction of Underwater Optical Images	Thesis Submitted to SUK March 2020
20	Miss Tejaswi Mahaling Jadhav	Dr.(Mrs.) Shraddha Sunil Deshpande	01/01/2014	Circular Polarization Planer Inverted-F Antenna using Reactive Impedance Surface	ongoing
21	Mr. Chanchal M. Patil	Dr. S. D. Ruikar	23/12/2017	Develop an algorithm with feature extraction using 3D DWT and CNN with depth information and contour map.	Ongoing
22	Shri. Uday Appaso Nuli	Dr. B.F. Momin	27/02/2012	"Parallelization Of Sequential Code For Distributed Heterogeneous Architecture"	Registration Expired. LEFT
23	Ms. Kulkarni Rupali Deepak	Dr. B.F. Momin	27/02/2012	"Advanced Skyline Computation In Distributed Environment."	Completed Degree awarded 2019
24	Shri. Abhyankar Parag Prabhakar	Dr. B.F. Momin	27/02/2012	"Characterization Of Non-Vigilance Of Individual Or Mass Audience In	On going

				Monotonous Environment”	
25	Mrs. Mamata Sachin Kalas	Dr. B.F. Momin	27/02/2012	“Study And Implementation Of Advanced Neuroimaging Techniques”	Completed Degree awarded 2019
26	Shri. Prashant Maruti Yelmar	Dr. B.F. Momin	25/02/2013	“Development Of Computational Framework For Social Network Analysis & Mining ”	On going
27	Laxmi A. Bewoor	Dr. S. U. Sapkal	October 2014	An Improved Hybrid Particle Swarm Optimization Algorithm to Minimize Total Flow Time and Make span for No-wait Flow Shop Scheduling Problem	Completed on December 2019
28	Anand S. Shivade	Dr. S. U. Sapkal	November 2017	Application of Industrial Engineering Tools to Gear Box Manufacturing Industry for Productivity Improvement	Ongoing
29	Supriya K. Darekar	Dr. S. U. Sapkal	November 2017	Investigation of Part Characteristics using Additive Manufacturing Process for Comparative Study	Ongoing
30	Mahesh S. Shinge	Dr. S. U. Sapkal	January 2019	Effective Metaheuristics for Job Shop Scheduling Problem	Ongoing

QIP Ph.D. Details:

Name of Scholar	Name of Guide	Date of completion of programme	Remarks
Karidkar Sunil Suresh Rao	Dr.U.A.Dabade	14/06/2016	Completed on 17/10/2019
Patil Ajit Samagonda	Dr. P.J.Kulkarni	14/06/2017	Theses Submitted
Thombare Raosaheb Dadu	Dr.A.P.Vaidya	14/06/2018	on going
Kumbhar Sameer Bhagawan	Dr.S.P.Chavan	30/06/2017	Completed on 17/12/2019
Patil Sachin Subhash	Dr.S.P.Sonavane	31/07/2018	Completed on 26/12/2019
Kale Archana Pritam	Dr.S.P.Sonavane	31/07/2018	Completed on 16/12/2019
Mulla Sajeed Sirajuddin	Dr.S.S.Deshpande	31/07/2018	Theses Submitted June 2019
Shikalgar Arifa Javid	Dr.S.P.Sonavane	14/07/2019	on going
Babhulgaonkar Arun Ramrao	Dr.S.P.Sonavane	14/07/2019	on going
Kulkarni Supriya R.	Dr.S.S.Deshpande	14/07/2019	on going
Patil Vilabha Sachin	Dr.S.S.Deshpande	14/07/2019	on going

Nangare Sudhir Pandurang	Dr.B.S.Gawali	~~~~~	Continuing their Ph.D. at Minor Center
Jagtap Satyawan Ramchandra	Dr.D.S.More	~~~~~	Continuing their Ph.D. at Minor Center
Yelure Bhushan Sukumar	Dr.S.P.Sonavane	~~~~~	Continuing their Ph.D. at Minor Center
Nemade Sangita Balkrishna	Dr.S.P.Sonavane	~~~~~	Continuing their Ph.D. at Minor Center
Patil Siddheshwar Vilas	Dr.D.B.Kulkarni	~~~~~	Continuing their Ph.D. at Minor Center
Sarade Shrenik Suresh	Dr.S.D.Ruikar	~~~~~	Continuing their Ph.D. at Minor Center
Inamdar Mirajoddin Usman	Dr.S.D.Ruikar	~~~~~	Continuing their Ph.D. at Minor Center
Jadhav Pradnya Rahul	Dr.D.S.More	~~~~~	Continuing their Ph.D. at Minor Center
Mopari Shrikant Shantaram	Dr.D.S.More	~~~~~	Continuing their Ph.D. at Minor Center
Shedbalkar Kaustubha Harihar	Dr.D.S.More	~~~~~	Continuing their Ph.D. at Minor Center

NDF Ph.D. Details:

Batch Year	Name of Scholar	Name of Guide	Date of completion of programme
2018-19	Priyanka Devendra Lanjewar	Dr. B. F. Momin	~~~~~
2018-19	Venushree Suryakant Khanke	Dr. S.N.Tande	~~~~~
2018-19	Mrunmayee Vijaykumar Daithankar	Dr. S. D. Ruikar	~~~~~
2018-19	Prateek Deoman Malwe	Dr. B. S. Gawali	~~~~~
2018-19	Mahmadrafik Sajjadahmad Choudhari	Dr. B. S. Gawali	~~~~~
2019-20	Nandkishor Sheshrao Deshmukh	Dr. B. S. Gawali	~~~~~
2019-21	Nitin Somnarayan Chityal	Dr. S. U. Sapkal	~~~~~
2019-22	Rustum Sikandar Dhalait	Dr. B. S. Gawali	~~~~~
2019-23	Rutuja Krishnat Shivdas	Dr. S. U. Sapkal	~~~~~
2019-24	Rohit Dattatray Mangalekar	Dr. K. S. Gumaste	~~~~~
2019-25	Nikhil Shrihari Bembade	Dr. S.N.Tande	~~~~~
2019-26	Gaurav Santosh Narlawar	Dr. P. G. Sonavane	~~~~~
2019-27	Sheetal Umakant Pawar	Dr.B.G.Patil	~~~~~
2019-28	Deepika Rohit Chavan	Dr. D. S. More	~~~~~

2.2 IPR and Patents: Granted, Filed and Licensed:

Patents Awarded

Title of Patent	Name of Faculty	Patent No.	Date of Award

Patents Filed

Title of Patent	Name of Faculty	Patent No.	Date of File
"Smart solution for government offices using IoT"	Mr. A. R. Surve with UG students	2019210337630	18/09/2019
Agriculture domain	Dr. Mrs. M. A. Shah and Dr. B.F. Momin with UG students	201921038636	25/09/2019
System and Method for Facilitating Verification of Academic Certificates using Blockchain	Dr. S. P. Sonavane	Ref. No./Application No.: 202021035355	2020

Foreign Visits of Faculty:

Faculty successfully completing courses from foreign universities:

Sr. No.	Name of the Faculty	Title of the Course	Date of Completion	Mode
1	Dr. S. D. Ruikar	Patent Law for Engineers and Scientists	22/01/2020 to 22/04/2020	NPTEL
2		Roadmap for patent creation	22/01/2020 to 25/03/2020	NPTEL
3		Introduction to AI, Machine Learning and Data Science 2020	30/05/2020	Udemy
4		Python required for Data Science and Machine Learning 2020	27/05/2020	Udemy
5		Arduino Embedded C with Electronics/ Schematics/PCB	25/05/2020	Udemy
6		Alteryx: Data Science for Non Scientists	29/05/2020	Udemy
7		Machine Learning for beginners Regression Analysis in Python	26/05/2020	Udemy
8	Mr. S. K. Parchandekar	Micro-electronics	18 Nov 2019	NPTEL
9	Mr. R. G. Mevekari	Digital Circuits	16 Nov 2019	NPTEL
10	Mr. S. R. Khedkar	Programming for Everybody (Getting Started with Python)	28/04/2020	Coursera
11		Online non- credit course authorized by Georgia Institute of technology and offered through courser Mechanics of Materials I to IV: Deflections, Buckling, Combined Loading & Failure Theories date	25-52020 (4 Different Courses) Mechanics of Material I to IV	Georgia Institute of technology
12		Online non- credit course authorized by	02/005/2020 to	Georgia Institute of

		Georgia Institute of technology and offered through courser Introduction to Engineering Mechanics	06/06/2020	Technology
13	Dr.S.N Tande	2 Weeks E Course : Digital Transformation In Teaching Learning Process by SWAYAM/IITB	4/6/2020	SWAYAM/IITB
14		Online non- credit course authorized by Georgia Institute of technology and offered through courser Introduction to Engineering Mechanics date 02/005/2020 to 06/06/2020.		Georgia Institute of technology
15	Dr. S. B.Kadam	8 Weeks E Course: Orientation Towards Technical Education And Curriculum Aspects by SWAYAM/NITTT on 4/27/2020		Swayyam
16		2 Weeks E Course : Digital Transformation In Teaching Learning Process by SWAYAM/IITB on 4/6/2020		Swayam /IITB
17		5 Weeks E Course : Mechanics of Materials I to IV Fundamentals of Stress by Georgia Institute of Technology on 6/8/2020	4 Different Courses Mechanics of Material I to Iv	Georgia Institute of technology
18	Dr. Prachi Sohoni	2 Weeks E Course : DIGITAL TRANSFORMATION IN TEACHING LEARNING PROCESS by SWAYAM/IITB	4/6/2020	SWAYAM/IITB
19	B B Sawant	Coursera online Noncredit Course on Introduction to Data science in Python - 4 week Program. By University of Michigan and offered through Coursera.	On 31 May 2020	University of Michigan
20		Successfully Completed 5 Week "Mechanics of Materials I to V: Fundamentals of Stress and Strain and Axial Loading, authorized by Georgia Institute of Technology and offered through Coursera.	19/06/2020 4 Different Courses Mechanics of Material I to Iv	Georgia Institute of Technology
21		Online non- credit course authorized by Georgia Institute of technology and offered through courser Introduction to Engineering Mechanics date 02/005/2020 to 06/06/2020.		Georgia Institute of Technology
22		Online non- credit course authorized by Georgia Institute of technology and offered through courser Application to Engineering Mechanics date		Georgia Institute of Technology
23	Mr. A. S. Patane	2 Weeks E Course : Digital Transformation In Teaching Learning Process by SWAYAM/IITB	4/6/2020	SWAYAM/IITB
24		Successfully Completed 5 Week "Mechanics of Materials III: Beam Bending" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.		Georgia Institute of Technology
25		Successfully Completed 5 Week "Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories" an online non-credit course		Georgia Institute of Technology

		authorized by Georgia Institute of Technology and offered through Coursera.		
26		Successfully Completed 5 Week “Applications In Engineering Mechanics” an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.		Georgia Institute of Technology
27		Successfully Completed 7 Week “Python Data Structures” an online non-credit course authorized by University of Michigan and offered through Coursera.		University of Michigan and offered through Coursera.
28	Mr.Anmol Magdum	2 Weeks E Course : Digital Transformation In Teaching Learning ProcesS by SWAYAM/IITB	6-3-2020	Swayam
29		Initiating and planning of project	30-04-2020	University of California by coursera
30		Budgeting and scheduling of projects	16-05-2020	University of California by courser
31		Managing Project risk and changes	01-06-2020	University of California by courser
32	Mr. Mohammed S.M.Ali	Digital Transformation in Teaching Learning Process	16-04-2020	Swayam /IIT B
33	Mr.Sagar Mahadev Wandare	3D Cad Application	25-05-2020	National Taiwan University on Coursera
34		Renewable Energy and Green Building Entrepreneurship	10-06-2020	Duke University, on Coursera
35		Initiating and planning of project	13-05-2020	University of California by coursera
36		Buddhism and Modern Psychology	25-05-2020	Princeton University on Coursera
37	Gopal Bhosale	Digital Transformation in Teaching Learning Process	16-04-2020	Swayam/IIT B
38		Water Supply and Sanitation Policy in Developing Countries Part 1:Understanding Complex Problems	18-05-2020	University of Manchester on Coursera
39		Water Resources Management and Policy	22-05-2020	University of Geneva on Coursera
40		Environmental Management and Ethics	20-6-2020	Technical University of Denmark on Coursera
41	MR. Bhushan R. Kavathekar	Digital Transformation in Teaching Learning Process	06-04-2020	Swayam
42		Geospatial Technology: Applications in Natural Resource Appraisal and Management	30-04-2020	University of California by coursera
43		Fundamental of GIS	08-06-2020	University of California, Davis on Coursera
44		Environmental Management and Ethics	08-06-2020	Technical University of Denmark on Coursera
45		Introduction to Indoor Air Quality	08-06-2020	The Hong Kong

				University of Science and Technology on Coursera
46		Municipal Solid Waste Management in Developing Countries	22-06-2020	Ecole Polytechnique Federale De Lausanne on Coursera
47		Introduction to Faecal Sludge Management	22-06-2020	Ecole Polytechnique Federale De Lausanne on Coursera
48	Dr. S.U. Sapkal	Design for Quality, Manufacturing and Assembly	29 September 2019	IIT Madras
49	Dr. S.U. Sapkal	Engineering Metrology	17 November 2019	IIT Kanpur
50	Dr. D. S. More	DC Microgrid	Sep 2019	IIT Roorkee
51	Dr. D. S. More	Fuzzy logic and Neural Network	April 2020	IIT Kharagpur
52	Dr. D. S. More	Digital transformation in teaching learning process	March 2020	IIT Bombay
53	Prof. Dr. A. P. Vaidya	Digital Transformation In Teaching Learning Process	06/03/2020	IIT, Bombay
54	Mr. N. V. Patel	Power Electronics	October 2019	SWAYAM
55	Mr. N. V. Patel	Advanced Power Electronics and Control	March 2020	SWAYAM
56	Mrs. S. P. Diwan	Fundamentals of Electric Drives	Sept 2019	NPTTEL
57	Mr. S. S. Karvekar	Electric Vehicles- Part I	March 2020	IIT Bombay
58	Mrs. A. S. Karvekar	Electric Vehicles- Part I	March 2020	IIT Bombay
59	Dr. R. P. Hasabe	Digital Transformation in Teaching Learning Process	22 April 2020	SWAYAM and TEQIP-3
60	Mrs. S.L Shaikh	Electric Vehicles	April 2020	NPTTEL
61	Dr. Medha A. Shah	Cloud Computing	26/04/2020	SWAYAM
62	Dr. N. L. Gavankar	Design and Analysis of Algorithms	23/10/2019	SWAYAM
63	Mr. A. R. Surve	Introduction to Internet of Things	19/04/2020	SWAYAM
64	Mr. A. R. Surve	Machine Learning	19/04/2020	SWAYAM
65	Mr. A. R. Surve	AI for Everyone	19/04/2020	SWAYAM
66	Mr. M. K. Chavan	Programming, Data Structures And Algorithms Using Python		SWAYAM
67	Dr. P J Kulkarni	Accreditation and OBE	17/10/2019	SWAYAM
68	Ms. Nandinee. L. Mudegol	Introduction to Blockchain Technology and Applications	29/04/2020	SWAYAM
69	Ms. Nandinee. L. Mudegol	Python for Data Science	29/04/2020	SWAYAM
70	Ms. Nandinee. L. Mudegol	Joy of Computing with Python	01/10/2018	SWAYAM
71	Mr. S. L. Mahadeshwar	Introduction to Blockchain Technology and Applications	17/04/2020	SWAYAM
72	Mr. Kiran P. Kamble	Student Psychology	27/04/2020	SWAYAM
73	Mr. Siddharaj D. Pujari	Introduction to Machine Learning	17/04/2020	SWAYAM
74	Ms. Amruta Umrani	Introduction to Machine Learning	17/04/2020	SWAYAM
75	Dr. R. R. Rathod	Spatial Informatics	Aug-Oct 2019	IIT Kharagpur
76	Dr. P. K. Kharat	Introduction to Industry 4.0 and Industrial IoT	Jul-Sep 2019	IIT Kharagpur
77	Dr. S. P. Sonavane	Theory of Computation	Jul-Sep 2019	IIT Kanpur
78	Dr. A. J. Umbarkar	Introduction to Operating System	Jul-Sep 2019	IIT Madras
79	M. B. Narnaware	Deep Learning Part-1	Jul-Oct 2019	IIT Madras
80	M. B. Narnaware	Applied Natural Language Processing	Jul-Oct 2019	IIT Madras

81	A. M. Khot	Introduction to Operating System	Jul-Sep 2019	IIT Madras
82	A. A. Urunkar	Introduction to Research	Feb-Apr 2019	IIT Madras
83	Dr. A. J. Umbarkar	Patent law for engineer and scientist	Jul-Sep 2019	IIT Madras
84	Dr. A. J. Umbarkar	Patent drafting for beginners	Jul-Sep 2019	IIT Madras
85	Dr. A. J. Umbarkar	Roadmap to patent creation	Jul-Sep 2019	IIT Madras
86	Dr. A. J. Umbarkar	Innovation by design	Jul-Sep 2019	IIT Bombay
87	B. S. Shetty	Introduction to Research	Feb-Apr 2019	IIT Madras
88	Dr. R. R. Rathod	Introduction to Research	Feb-Apr 2019	IIT Madras
89	Dr. R. R. Rathod	Effective Engineering Teaching in Practice	Jan-Feb 2020	IIT Madras
90	Dr. R. R. Rathod	Roadmap to patent creation	Jul-Sep 2019	IIT Madras
91	Dr. R. R. Rathod	GIS	Aug-Oct 2019	IIT Guwahati
92	A. M. Khot	Applied Plotting, Charting & Data Representation in Python	10th May 2020	University of Michigan
93	A. M. Khot	Introduction to Data Science in Python	30th Apr 2020	University of Michigan
94	V. A. Kamble	AWS Fundamentals: Going Cloud Native	27th Apr 2020	Amazon Web Services
95	A. M. Khot	Applied Machine Learning in Python	17th May 2020	University of Michigan
96	A. D. Shinde	Programming for Everybody (Getting Started with Python)	17th May 2020	University of Michigan
97	Dr. S. P. Sonavane	Machine Learning for All	27th May 2020	University of London
98	Dr. S. P. Sonavane	Blockchain: Foundations and Use Cases	26th May 2020	ConsenSys Academy
99	A. M. Khot	Programming for Everybody (Getting Started with Python)	20th May 2020	University of Michigan
100	A. M. Khot	Applied Text Mining in Python	2nd June 2020	University of Michigan
101	Dr. S. P. Sonavane	Cryptography and Information Theory	07th June 2020	University of Colorado System
102	A. D. Shinde	The Data Scientist's Toolbox	17th June 2020	Johns Hopkins University
103	M. B. Narnaware	Basic Sentiment Analysis with TensorFlow	25th Apr 2020	Coursera Project Network
104	U. B. Chavan	Classification Trees in Python, From Start To Finish	22nd April 2020	Rhyme
105	U. B. Chavan	Excel Skills for Business: Essentials	17th May 2020	Macquarie University
106	U. B. Chavan	Facial Expression Recognition with Keras	1st June 2020	Coursera Project Network
107	Dr. P. K. Kharat	Portfolio and Risk Management	12th May to 6th June 2020	Coursera
108	Dr. S. P. Sonavane	Information Systems Auditing, Controls and Assurance	15th July 2020	Hong Kong University of Science and Technology

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

Research Grants Received

Grants Received (Rs. In Lacs)					
Agency/Year	2015-16	2016-17	2017-18	2018-19	2019-20
AICTE	-	26.80	-	19.8	
DST	18.00	25.65	9.83	-	8.23
MPCB	7.75	8.51	5.01	8.34	5.0
CDTP	8.00	8.00	-	12.0	
TEQIP-II, III	200.00	250.00	46.55	222.04	371.31
John Deere	-	-	22.99	-	-
Total	248.75	318.96	84.38	262.11	384.55

Details of Testing and Consultancy:

Testing and Consultancy (Rs. In Lacs)					
Department/Year	2015-16	2016-17	2017-18	2018-19	2019-20
Civil	5.92	6.32	16.66	40.71	72.48
Mechanical	9.90	9.65	6.52	8.87	13.41
Applied Mechanics	26.05	23.23	32.49	40.68	75.29
Electrical Engineering	0.52	3.46	2.49	7.48	5.26
Computer Sci. & Engg.	3.86	0.00	0.00	0.00	2.23
Information Technology	0.00	0.00	0.07	0.00	0.52
Public Health	0.00	21.64	9.87	3.84	7.21
CCF	0.00	0.00	0.00	0.20	--
Electronics	--	--	--	--	619365
Total	46.14	64.32	69.01	102.14	182.62

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			
2015	Embedded System based Gateway design for Environmental monitoring using WSN	TEQIP Seed Money	Rs. 14,000/-
2013-14	Design & Development of Parallel evolutionary algorithm for Function Optimization NVidia (1 Lac GPGPU card donated)	TEQIP	2.50
2016-17	Temperature monitoring system (Smart Laddle system) for foundry	RGSTC-TIFAC, Mumbai	2.95 Lakhs
2017-18	Wireless Real-Time Temperature Monitoring System for Foundry Application	RGSTC-TIFAC, Mumbai	2.95 Lakhs
2017-18	Design and Development of Hybrid ORC System	RGSTC-TIFAC, Mumbai	2.95 Lakhs
2018-19	Design and Development of Hybrid water cooler	RGSTC-TIFAC, Mumbai	2.95 Lakhs
2019-20	Health Monitoring of Old Railway Bridges	RGSTC-TIFAC, Mumbai	2.95 Lakhs
2015	Embedded System based Gateway design for Environmental monitoring using WSN	TEQIP Seed Money	Rs. 14,000/-
2013-15	Test Automation Using Virtual Environment	John Deere	4.50
2015-16	Digital Traction Device with Computer Interfacing and Comfortable Bed Movement	Prasaditi Medical Equipments, Sangli under RGSTC-TIFAC	2.85
2015-16	Interactive e-Learning Classroom Hardware Support Without Internet	Chanakya Net Study, Ahmednagar under RGSTC-TIFAC	2.85
2017-18	Medical Fluid Warmer to Maintain Normothermia	Prasaditi Medical Equipments, Sangli under RGSTC-TIFAC	2.85
2018-19	Artificial Egg Incubator for Poultry Farm Automation	RGSTC-TIFAC	2.85
2018-19	Health Monitoring of Old Railway Bridges	RGSTC-TIFAC	2.85
1 July 2019 to 30 July 2020	"Smart Surveillance for WCE Campus"	TEQIP – III	0.0551293
2013-14	Design & Development of Parallel evolutionary algorithm for Function Optimization NVidia (1 Lac GPGPU card donated)	TEQIP	2.50
B. Other agencies - National and International (Major Projects)			

Year wise	Name of the project	Funding agency/Industry	Grant Received Rs. Lakhs
2013-15	FPGA based model predictive control	AICTE	16.00
2016	Advanced Embedded System Design lab set up	John Deere	2.5
2019	Design and Development of Smart Weighing System	Fresh Express Logistics, Pvt. Ltd,	1.0
2011-13	Location management in Wireless Sensor Networks with Mobility'.	AICTE	10.35
2012-13	Rasin making process and technology development	BARC	24.99
	Air Quality Monitoring of Sangli City	MPCB	10.00
	DST	DST	40.24
2011-13	Study on Water Quality and Treatment of Harvested Rooftop Rainwater	AICTE	10.00
2012-13	Study of static and dynamic behavior of helical compression spring with continuously varying coil diameter	RPS	8,60,000
2013-14	Development of automated inspection method for metal castings using digital image processing techniques	RPS	8,60,000
2014-15	Dr. D. S. More: Development of New machine topology for low speed power applications and development of prototype rooftop wind power generation system. AICTE New Delhi.	AICTE New Delhi	15.33 lakhs
2013-17	Mrs. S. P. Diwan: 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 lakhs
01/04/2016 to 31/03/2019	Intelligent Cognitive Vision Support for an Independent Lifestyle of Elderly People	Department of Science and Technology (DST)	17.29
15/02/2013 to 14/02/2016	Design & Implementation of Surveillance Mining System	AICTE – RPS	15.5
2013-16	Cellular Automata in Cryptography	AICTE	8

Ongoing Research Projects

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
A. College Funded Minor Projects			
2019-20	Design and development of a general purpose sensor network framework for Agro- systems	TEQIP	6.40

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
2013-16	Wastewater treatment by aerobic and anaerobic SBR	Seed fund under TEQIP-II	3.00
B. Other agencies - National and International Minor Projects			
2013-15	Test Automation Using Virtual Environment	John Deere	4.50
2015-16	Digital Traction Device with Computer Interfacing and Comfortable Bed Movement	Prasaditi Medical Equipments, Sangli under RGSTC-TIFAC	2.85
2015-16	Interactive e-Learning Classroom Hardware Support Without Internet	Chanakya Net Study, Ahmednagar under RGSTC-TIFAC	2.85
2017-18	Medical Fluid Warmer to Maintain Normothermia	Prasaditi Medical Equipments, Sangli under RGSTC-TIFAC	2.85
2018-19	Artificial Egg Incubator for Poultry Farm Automation	RGSTC-TIFAC	2.85
2018-19	Health Monitoring of Old Railway Bridges	RGSTC-TIFAC	2.85
2013-15	Design of PLL Based Frequency Synthesizer For Airborne Systems	IIT Bombay	-
C. Other agencies - National and International Major Projects			
2013-14	Studies on utilization of Water Treatment sludge in the verification of Burnt clay Bricks for Buildings-Dr. K. S. Gumaste	RPS - AICTE	16.30
2016-17	Project centre for technical education (Learning Factory)	AICTE PCTE	43,00,000
D. Industry sponsored Minor Projects			
2013-15	Test Automation Using Virtual Environment	John Deere	4.50
2017-19	Development of Product Innovation Lab Coordinator: Dr. S.U. Sapkal and Coordinator: R.M. Chanmanwar	Dassault Systems	11.00 Lakh
2019-20	Autonomous Small-Scale Agriculture Plant Caretaker Project Guide: R.M. Chanmanwar;SPoC: Dr. S.U. Sapkal	La Fonadation	2.19 Lakh
2019-20	Development of Bi-Nozzle 3D Printer Project Guide: Dr. S.U. Sapkal	Dassault Systems Foundation	1.00 Lakh
E. 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

Research Awards Received by the WCE Faculty

Name of faculty	Prize/Award received	Organization/Institute	Year
Civil Engineering			
Dr.P.G. Sonavane	Got Best paper Award for "Valorization options for stored material: A case study of landfill site at Sangli city, Maharashtra"		2017

	Educational excellence award	By Sakal Media Group	2019
Prof. Dr. S. N. Tande	Suchit Kumar Ghosh Memorial Prize	The Institution of Engineers	2007
	The Dr. Jai Krishna Prize		2009
	Leading Scientist of the World 2012	Int. Biography Centre, Cambridge,	2012
	The Cambridge Certificate		2013
Dr.V.D. Salkar	Excellent research in Environmental Engineering, RULA award	Accredited by World Research Council	2019
Electrical Engineering			
Dr. D. S. More	Best teacher award instituted by WCE sangli for 2014 -15	WCE Sangli	2015
Dr. R. P. Hasabe	1. Member on the Board of Studies in Electrical Engineering and Technology at Shivaji University, Kolhapur.	Shivaji University Kolhapur.	2018
	2. Working as Jury in Internal Hackathon for Smart India Hackathon 2020.		2020
Mechanical Engineering			
Dr. S.U. Sapkal	Meritorious Prize for Ingenious Application of CAD/CAE/3DP practices	NAFEMS Conference 2018	July 2018
Dr. S.U. Sapkal and R.M. Chanmanwar	First Prize for Academic Research Project	IMTEX2019 Academia Pavilion	January 2019
Dr. S.U. Sapkal	Elite+Silver and Topper certificate	NPTEL Course on Design for Quality, Manufacturing and Assembly, IIT Madras	September 2019
Dr. S.U. Sapkal	Elite+Gold and Topper certificate	NPTEL Course on Engineering Metrology, IIT Kanpur	November 2019
Dr. S.U. Sapkal	Jury Member	Internal Smart India Hackathon 2020 at WCE Sangli	January 2020
ASME Faculty advisor: Dr. S.U. Sapkal and Dr. K.H. Inamdar	Team of 3 students won first prize in Biomimicry Design Challenge; and One student won second prize in the competition OLD GUARD oral presentation	ASME E-FEST 2020	February 2020
Electronics Engineering			
Dr. Mrs. S. Subbaraman	Pillars of Indian Society	Asian Chamber of Commerce, Mumbai	2017
Dr. Mrs. S. Subbaraman	AICTE Adjunct Faculty	AICTE	2017

Dr. S. N. Kore	Dr. Abdul Kalam life Time Achievement National Award	International Institute for Social and Economic Reforms For teaching, research and publications	2017
Mr. V. R. Gaikwad	Best Teacher award	WCE, Sangli	2016
Computer Science & Engineering			
Dr. Mrs. M. A. Shah	Completed Ph.D.	Shivaji University, Kolhapur	2018-2019
Dr. N. L. Gavankar	Completed Ph.D.	I.I.T. Roorkee	2018
Information Technology Department			
Dr.S.P.Sonavane	50 Fabulous Edutech Leaders	World Education Congress (through Research Gate)	2019
	Honour as Academic Advisor	Nation Cyber Safety Security Standards India	2019
General Science Departments			
K.V.Madhale	Award for Best poster presentation in National conference	B.N.Bandodkar College Thane	Jan 2020

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:

3.2.1 Result analysis of 2019-20:

Due to COVID-19, the result has not been declared.

3.2.2 GATE Toppers (All India Rank Less Than 5000): Total 67 students are qualified in Gate-2020 Examination

Sr. No.	Candidate Name	Branch	All India Rank
1	Harshal Gokhale	Electronics	135
2	Vishvesh Kodihal	Civil	741
3	Dhananjay S. Sargar	Mechanical	3517
4	Onkar P. Sherkar	Mechanical	4086
5	Siddhesh Walve	Mechanical	2454
6	Suraj Nagaje	Electrical	4417
7	Parikshit Shashikant Patil	CSE	4226

3.2.3 CAT Toppers (More Than 80%):

Sr. No.	Candidate Name	Branch	Percentile
1	Pranjali Paranjape	Electronics	99.91
2	Dhanraj Bhosale	Electronics	82.13
3	Sukanya karnav	Electrical	96.65
4	Siddhant Vinit Sukhatankar	CSE	320

3.2.4 GRE Toppers (More than 300):

Sr. No.	Candidate Name	Branch	Marks
1	Yash Nasery	Electronics	319
2	Hitesh Choudhari	Electronics	305
3	Yash Mardikar	Electronics	304
4	Prajakta Jadhav	Electronics	312
5	Ruturaj Nikam	Electronics	300
6	Deepak Phadtare	Electronics	310

3.3 Combined Percentage for Placement, Higher Studies and Entrepreneurships:

3.3.1 Placement Statistics

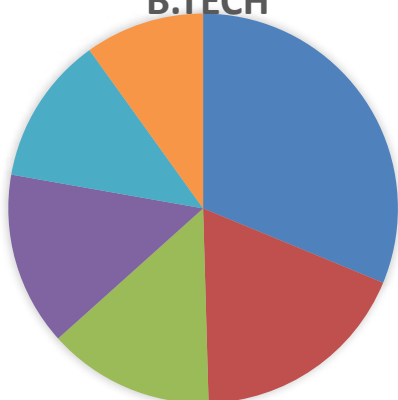
Sr. No	Organisation	Salary (in LPA)	Total Offers	Dream Offers
1	Google	43	1	1
2	Rakuten Mobile, Inc.	33	1	1
3	Amazon	28.67	3	3
4	Goldman Sachs	23	2	2
5	BNY Mellon	17	3	3
6	Druva Data Solutions Private Limited	15.14	8	7
7	Media.Net (Directi)	15	2	2
8	Espressif	12	1	
9	FinIQ	11.5	3	1
10	Veritas Technologies LLC	10.7	13	3
11	FrontDoor	10.2	2	2
12	NVIDIA	10.2	3	3
13	Dell	10	2	
14	Pubmatic	9.42	4	2
15	Sahaj Software	9.4	1	
16	Seagate	9.2	1	
17	Siemens Industry Software	9	7	
18	TCS (CTO)	9	5	5
19	Thought Works Inc.	8.03	6	
20	Barclays	8	10	1
21	Infosys (PP)	8	2	2
22	Philips	8	2	2
23	CDK Global	7.75	2	2
24	Josh Software Private Limited	7.6	6	
25	TCS (Digital)	7.2	13	5
26	NICE Interactive Solutions India Pvt. Ltd.	7	15	
27	Principal Global Services	7	8	1
28	Rocket Software	7	4	3
29	L&T ECC	6.72	7	2
30	Mahindra & Mahindra	6.5	2	1
31	Atlas Copco India Ltd. (GECIA)	6.41	13	
32	Persistent Systems Limited	6.41	17	10
33	Eaton India Innovation Center	6.25	22	
34	Larsen & Toubro Limited	6	10	
35	JSW Steel	5.57	6	4

36	Dassault Systems	5.5	9	2
37	Govt. Jobs	5.5	1	
38	Sulzer	5.5	1	
39	Tata Power	5.5	3	3
40	ABS Professional Services (India) Private Limited	5.35	2	2
41	Toyo Engineering Pvt. Ltd.	5.3	5	4
42	FIAT INDIA AUTOMOBILES LTD.	5.1	1	1
43	Infosys (SSE)	5.1	4	2
44	AFour Technologies Private Limited	5	13	7
45	Godrej & Boyce Mfg. Co. Ltd	5	3	
46	Icertis	5	4	3
47	LTI	5	42	25
48	MPSC	5	1	
49	Raja Software Labs	5	2	
50	TATA Consulting Engineers Limited	5	10	
51	Worley Parson (Jacobs)	5	12	1
52	Mortgage Kart	4.8	1	
53	ACC Concrete	4.5	5	1
54	Accenture	4.5	80	42
55	KSB Pumps	4.5	1	
56	MAHADISCOM	4.5	1	
57	Merkle Sokrati	4.38	1	
58	Cognizant	4	13	
59	Hindustan Construction Company	3.75	5	
60	Shapoorji and Pallonji Co. Ltd.	3.75	4	
61	Wurth IT	3.75	1	
62	Infosys	3.6	26	1
63	Wipro	3.5	2	
64	TCS (Ninja)	3.36	77	5
65	FANUC India	3.2	1	
66	Fiserv.	3	2	
67	Quest Global	3	3	1
68	VMS	3	2	
Total offers			545	168
Dream offers			168	
No of students selected			377	

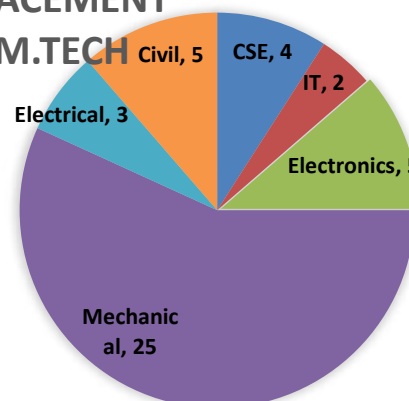
3.3.2 Placement Analysis

Branch-wise Placement (B. Tech)					
Sr. No	Branch	Interested in Placement	Placed	% Placement	Average Salary (in LPA)
1	Computer Science & Engineering	110	104	94.5	8.36
2	Information Technology	63	61	96.8	7.26
3	Electronics	55	46	83.6	5.19
4	Mechanical	65	48	73.8	5.57
5	Electrical	51	41	80.4	5.63
6	Civil	48	33	68.8	4.84
Total		392	333	84.9	6.7

BRANCH-WISE PLACEMENT
B.TECH



BRANCH-WISE PLACEMENT
M.TECH



Branch-wise Placement (M. Tech)					
Sr. No	Branch	Interested in placement	Placed	% Placement	Average Salary (in LPA)
1	Computer Science & Engineering	22	4	18.2	6.28
2	Information Technology	3	2	66.7	7.00
3	Electronics	24	5	20.8	5.94
4	Mechanical	68	25	36.8	4.06
5	Electrical	24	3	12.5	8.86
6	Civil	32	4	12.5	4.12
Total		173	43	24.9	4.6

3.3.3 Top Recruiters (Software)

Sr. No.	Organisation	CTC (in LPA)	Students Placed
1	Google	33.63	1. Ajay Gunjal (CSE)
2	Rakuten Mobile, Inc.	33	1. Abhinavram Anand (CSE)
3	Amazon	28.67	1. Ankur Mahajan (CSE) 2. Pooja Mane (CSE) 3. Ravikumar Navale (CSE)
4	Goldman Sachs	23	1. Gunjan Singh (IT) 2. Rohit Choughule (CSE)
5	BNY Mellon	17	1. Abhisha Vernekar (CSE) 2. Ajay Gunjal (CSE) 3. Kajal Burad (CSE)
6	Druva Data Solutions Private Limited	15.14	1. Ajay Gunjal (CSE) 2. Dhanashree Phulkar (CSE) 3. Swapnil Kesur (CSE) 4. Utkarsh Vadar (CSE) 5. Ganesh Sanap (IT) 6. Nikita Khandve (IT)
7	Media.net	15	1. Saurabh Phukale (CSE)
8	Espressif Systems	12	1. Switi Mhaiske (CSE)
9	FrontDoor	10.2	1. Shivkumar Sharma (CSE) 2. Saurav Gaikwad (CSE)
10	Dell	10	1. Nihar Mukhiya (CSE) 2. Omkar Patil (IT)
11	NVIDIA	10	1. Krishna Nandapurkar (CSE) 2. Rugved Navkarkar (CSE) 3. Aditya Bonde (IT)

3.3.4 Top Recruiters (Core)

Sr. No.	Organisation	CTC (in LPA)	Students Placed
1	Philips	10	1. Alisha Botthad (Ele) 2. Mayuri Dodyalkar (Mech)
2	Seagate	9.2	1. Abhishek Vernekar (Eln)
3	Siemens	9	1. Mayuri Palav (Mech)
4	L&T ECC	6.72	1. Rohan Patil (Civil) 2. Shweta Gurav (Civil) 3. Vishvesh Kodihal (Civil) 4. Gaurav Vaidya (Ele) 5. Nishant Kadam (Ele) 6. Shreyas Wakankar (Ele) 7. Sukanya Savane (Ele)
5	Mahindra & Mahindra	6.5	1. Sarvesh Kulthe (Ele) 2. Shreyas Dixit (Mech)
6	Eaton	6.25	1. Ajay Attarde (Eln) 2. Ankita Bhasme (Eln) 3. Vinod Patil (Eln) 4. Aishwarya Dhole (Mech) 5. Ajay Gulig (Mech) 6. Apurva Shinde (Mech) 7. Mandar Kulkarni (Mech) 8. Nishant Bhorkar (Mech) 9. Rudra Shete (Mech) 10. Shreyas Dixit (Mech)

			11. Siddhesh Walve (Mech) 12. Yash Chougule (Mech)
7	Atlas Copco	6.41	1. Aditya Pusadkar (Ele) 2. Dimpal Patil (Ele) 3. Sanket Kumbhar (Ele) 4. Shivani Sapkal (Ele) 5. Shubham Jagtap (Ele) 6. Dhananjay Sargar (Mech) 7. Indrayani Kulkarni (Mech) 8. Ishani Sonavane (Mech) 9. Rutuja Wable (Mech) 10. Shravani Potdar (Mech) 11. Sudarshan Kale (Mech)
8	Larsen & Toubro Limited & Schneider Electric	6	1. Atharva Saraf (Ele) 2. Sairaj Kale (Ele) 3. Saneesh Ganveer (Ele) 4. Sukanya Karav (Ele) 5. Suraj Agarwal (Ele) 6. Ankita Bharat Pol (Ele) 7. Abhishek Gokhale (Eln) 8. Sourabh Karvirkar (Eln) 9. Aniket Shinde (Mech) 10. Raturaj Kore (Mech)
9	Toyo Engineering Pvt. Ltd.	5.3	1. Pavan Jalkote (Civil) 2. Saurabh Gandhi (Civil) 3. Nikhil Jamdade (Ele) 4. Shubham Jatal (Ele) 5. Soham Shelgaonkar (Mech)
10	Tata Consulting Engineers	5	1. Harshada Bandgar (Civil) 2. Kedar Bankar (Civil) 3. Prathamesh More (Civil) 4. Tanuja Chopade (Civil) 5. Vikas Mane (Civil) 6. Chinmay Shirolkar (Mech) 7. Prajyot Shetti (Mech) 8. Aniket Katelhay (Ele) 9. Asawari Jagtap (Ele)
11	Worley Parsons (Jacobs)	5	1. Aman Vijapure (Civil) 2. Buddhabhushan Kamble (Civil) 3. Rohan Honrao (Civil) 4. Rohit Gawas (Civil) 5. Samruddhi Patil (Civil) 6. Shravan Nigade (Civil) 7. Suhas Mali (Civil) 8. Vishwajit Hanmante (Civil) 9. Snehal Jadhav (Ele) 10. Krushnadev Jadhav (Mech) 11. Pavan Varute (Mech) 12. Suhas Patil (Mech)

Our Recruiters

CORE COMPANIES



IT COMPANIES



DREAM COMPANIES



3.4 Extra-Curricular Activities and other Achievements:

3.4.1 Our Proud Alumni

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

Student Activities

3.4.1 F.Y.B.Tech Induction Program 2019-20

Duration: 6 days, 19/08/2019 to 24/08/2019

Venue: Tilak Hall, WCE, Sangli.

Organizing faculty: Mr. K.V. Madhale, First Year Coordinator

Participants:

Sr. No.	Branch	Students
01	CIVIL	72
02	MECHANICAL	75
03	ELECTRICAL	74
04	ELECTRONICS	73
05	COMP.SCIENCE	111
06	INFO-TECH	72
TOTAL STUDENTS		477

Overview of the Activity:

Making students comfortable in their new environment, building healthy routines every day. Building good relationships between teachers and students, developing awareness, developing sensitivity and self-esteem for people around, larger society and nature. The duration of the induction program is used to correct some serious discomfort among students. Make them develop academic interests and activities, reduce competition and work for excellence. Develop good relationships between teachers and students, and develop the overall personality of the students.

Following are some of the key activities under the Motivation Program that keep students engaged throughout the day. They include:

1. **Physical activity:** This includes a daily routine of physical activity of sports and Yoga, which help them, develop teamwork.
2. **Creative arts:** The students choose skills related to painting, dance, street plays, music etc.
3. **Universal human values:** The student gets to find himself and allows himself enjoy the education, reach out to the people, make decisions with patience, etc.
4. **Lecture by dignitaries:** This time is utilised for lectures and talks by expert and famous speakers. It gives the students exposure to people who are socially active or are in public domain.

The program was inaugurated by lighting the lamp by the I/C Director of the college Prof. Dr. D.B.Kulkarni, Dr. B.G.Patil (Dean Students), Dr.V.B.Dharmadhikari (TEQIP coordinator), Prof.M.K.Chavan (COE), Prof. Sachin Kadam (Chief Rector), TPO Prof. S.B. Dhaigude, I/c Librarian Mr. Hankare and Prof.K.V.Madhale (Coordinator- Induction program). The inaugural speech was delivered by Prof. K.V.Madhale. He welcomed the students and enlightened about the importance of program. After his speech I/C Director Prof. Dr. D.B.Kulkarni, addressed the students about the journey of the college from the establishment to the present day. Dr. B.G.Patil, Dean Students also addressed the students. Dr. V.B. Dharmadhikari TEQIP coordinator informed about the TEQIP activities. Toppers and their parents from each branch were felicitated with bouquet and memento by the I/C Director Prof. Dr. D.B.Kulkarni.





3.4.2 Parents' Meet:

Parents' meet was held in classroom No.22. In the meeting, 200 parents were present. Hon. Director interacted with the parents. Prof.K.V.Madhale, Prof.A.A.Powar ,Prof.B.N.Jamadar, Prof.Dhaigude and Prof. Sachin Kadam were present.



3.4.3 Physical activity by Mr.Amol Kolap (Physical Trainer)



3.4.4 Guest Lectures by Eminent Faculties and Persons from Industries:





3.4.5 Physical Activity by Miss Sonali Padhye (Zumba Trainer)



3.4.6 Art Circle Performance



Feedback:

Online Feedback forms were filled by students on last day of induction Program. Feedback from students was excellent.

Beneficiary Details:

Students: New students will feel more comfortable in campus.

Faculty: It will improve in coordinating with students in learning process.

Institute/Outside: Institute will receive funds from TEQIP

Activity Outcomes:

- The new Students were able to display confidence and successful transition into a new academic environment.
- The Entrants were able to utilize primary resources and facilities of the institute.
- They were able to establish positive acquaintance with their peers, faculties, and institute as whole.
- They were able to attach moral values and behaviours with the practices of the institutional activities.
- Self-analysis and introspection was positively bridged for the academic needs of the students.
- The new students were introduced to structured and collaborative learning platform.
- The students were able to project exemplary performances in activities designed during induction programme

3.4.7 Art of Living – SELP (8-13 April 2019)

Name of staff: Mr.Kiran V.Madhale Coordinator

Mr.Anil A. Powar Co-coordinator

Duration: 08/04/2019 to 13/04/2019 (6 days Program)

Venue: Walchand College of Engineering, Sangli.

Organizer: Vyakti Vikas Kendra, India

Participants: 360 (6 Batches, per batch 60 students)

Overview of the Activity:

“Art of Living – SELP”, specially designed for TEQIP III institutes. This program aids in improving student learning, boosting confidence, enhancing creativity and communication that helps in developing their leadership and team building skills. Most importantly, it helps in creating harmony and a sense of belongingness on the university/college campus, amongst students, teachers and the management. It empowers the educational institutions to lay the foundation for

future professional success of their students and to create leaders of tomorrow. Art of living strongly believes that Educational institutions have the primary responsibility to inspire students towards a higher vision and create a strong sense of bonding between the institution and the students to nurture a stress free holistic environment. It was 6 days programs organised for only First year students. 360 students participated. 6 trainers were present. They did their task as per their schedule. There were 360 students, almost all the students participated and took benefit of this program. Sudarshan kriya was the one of the most important event which impacted the students.



3.4.8 Mood Indigo 2019 held at IIT Bombay

ART CIRCLE, artists' club of Walchand College of Engineering, represented our college in Mood Indigo 2019 held at IIT Bombay. Mood Indigo is an annual cultural festival of IIT Bombay and the largest in Asia. Held towards the end of December every year it attracts crowd of over 1, 39,000 students from more than 1700 colleges nationwide. Mood Indigo is devoted to creating an unforgettable experience for all its visitors providing unique opportunities to the youth for showcasing their talents in front of extremely large audience and topnotch judges. Being a massive platform for providing cultural exchange its 49th edition was held this year. Mood Indigo 2019 was conducted from 25th Dec 2019 to 29th Dec 2019. Students participated in Band, Group singing, Bollywood dance, Cultural folk dance and many individual events. The journey began on 24th Dec 2019 when students started their journey for Mumbai in the evening. Some elimination rounds were conducted on 25th Dec 2019. The accommodation was provided to all the students by IIT Bombay during the festival. The Mood Indigo experience was very beneficial for the students. They got to learn many new things, new aspects of different forms of art and also got the opportunity to watch the live performances of leading people from different art forms.



3.4.9 YUVARANG 2K19

There were total 26 colleges across 'Shivaji University' along with 'Walchand College of Engineering, Sangli' in which our organizing committee members did campaigning of event. Around 600 participants participated in YUVARANG 2K19.

ART CIRCLE is one of the clubs in Walchand College of Engineering, Sangli which conducts various cultural activities. There are various crews in the club namely Music, Dance, Drama, Writing, Photography, Painting Etc.

Art Circle was inaugurated on 16th March, 2019 in Tilak Hall at 10:30am with Lighting the lamp by our dignitaries Dr P.G. Sonavane, In-Charge Director of WCE, Dr. B. G. Patil, HOD of Electronics Department and Dean Students' Welfare and Prof. K.V. Madhale, Staff Advisor of Art Circle were present. President Miss. Ritu Patil and Vice President Mr. Dhiraj Jadhav were also present. All board members of associations and participating students were present for the inaugural ceremony.



3.4.10 ELES: Electronics Engineering Student's Association

ELES is a departmental technical club of **Electronics Department**, WCE Sangli established in the year 1992.

The objectives of the club are:

- To impart technical knowledge and keep in pace with the latest trends in technology by arranging Club Services
- Encouraging creativity of the students by nurturing their ideas by arranging various events
- Encourage and guide the students for competitive exams like GATE, GRE, CAT, etc. and M.S. admission at foreign universities.
- Development of Soft Skills.
- Increasing the employ-ability of the students of electronics in core industries of Electronics Engineering.

Activities Undertaken in academic year 2019-20

Activity name	Information
Club service Weekly	A weekly club activity arranged for Electronics dept. students. Technical, Aptitude development, soft skill development sessions are organized.
Summer special event June' 19	Long term and short term online intra club event arranged by chief board for technical skills enhancing and increasing software knowledge both technical and non-technical.
GIM (General Interest Meet) 23 rd Aug' 19	An introduction to club for First Year students. Various activities such as presentation and games are arranged. A recent technology is introduced to the students.
Scavenger Hunt 29 th Aug' 19	A treasure hunt is arranged for first year students within the campus. Students get to explore the campus and increase social binding.
Teacher's day 5 th Sep' 19	Every year ELESa arranges a Teacher's day program to express gratitude towards teachers.
ELECTROVERT 5 th , 6 th Oct' 19	It is the mega event of ELESa. It is an inter college 2-day event. 5 technical and 5 non-technical events are organized wherein students get to develop their various skills. Multiple rounds are arranged and final round is judged by faculty members or industrial judges.
Alumni Meet 11 th Jan 2020	Departmental alumni meet is organized by ELESa. Various entertaining performances are presented. Alumni guide the students regarding higher studies, job opportunities, recent trends in industry and much more.
Roboholic 7 th , 8 th Feb' 2020	Robot competition arranged for college students. A theme is specified (e.g. robo-soccer) and teams build a robot for given specs. Final competition is arranged for 2 days.



3.4.11 AAKAR:



AAKAR is a National Level Technical Symposium conducted every year by CESA (Civil Engineering Students' association) and Department of Civil Engineering in Walchand College of Engineering, Sangli. It is one of the most prestigious events of WCE, Sangli which always has proven as a landmark for developing students and turning them into a well-equipped graduates with astonishing analytical and problem solving abilities. Technical events conducted in AAKAR are always challenging and indeed help in boosting the knowledge of participants'. Apart from this nontechnical event nurtures the presentation skills and team working ability of students.

AAKAR 2K19 included various technical events like Technical Quiz, Survey, on the Spot Structure Making, Paper Presentation, Structure Making, Hydrocor and Auto-CAD. Along With These non-technical events like General Quiz, Conspicio (Politics), Restobizz (Revenue Management), Quizmaster school level event were there.

All of the above events were properly conducted using required Instruments and highly equipped labs of our college. All the events were a great success as per the feedback we got from the participants. Especially Hydrocor and Quizmaster which were the two new events added this year proved to as a great success. These events recorded overwhelming response by participants. Quizmaster was organised for students from School and Hydrocor which was an event related to fluid mechanics was conducted in fluid mechanics laboratory.





3.4.12 eBAJA 2020:

Competition of designing, manufacturing and performance testing of an electrical ATV was organised by SAEINDIA in two stages. 1st stage was at Chitkara university, Chandigarh from 11th July to 13th July 2019. Our team qualified for 2nd stage with **AIR 1 out of total 80 teams**. Second stage was at NATRAX, Pithampur, Madhya Pradesh from 22nd January to 26th January 2020. Out of 59 teams only 20 teams cleared technical inspection and qualified for dynamic event. It is a one step towards awareness regarding green technology and sustainable development. Our team (25 members) bagged following success:

- 3rd in cost evaluation.
- Fastest lap completion.

3.4.13 BAJA 2020:

Competition of designing, manufacturing and performance testing of an ATV was organised by SAEINDIA in two stages. 1st stage was at Chitkara university, Chandigarh from 11th July to 13th 2019. Our team qualify for 2nd stage with **AIR 110 out of 287 teams**. Second stage was at NATRAX, Pithampur, Madhya Pradesh from 22nd January to 26th January 2020. Our team (25 members) bagged following achievements:

- 9th in cost evaluation.
- 30 kg weight reduction





3.4.13 TECHNOCRAT'19:

TECHNOCRAT is a state level technical symposium arranged by Electrical Engineering Students' Association (EESA). This event is organized each year with the focus to give students irrespective of their departments and colleges a bias platform to showcase their skills and a chance to share their ideas in such a state level summit.

Date: **12th & 13th** of October 2019

No of Entries: **750+**

Different events were carried out in two days as follows:

- **Day 1:**

1. Node spark: It was a technical event specially designed for the students belonging to electrical and electronics domain. This event could test the circuit building ability as well as the technical knowledge of the students.

2. Who Killed J? : This event was one the first events ever conducted in the campus with a non- technical domain. It was a kind of feast for the students interested in showcasing their detective and mystery solving skills.

3. Startech-X: For the first time, EESA introduced this very unique event based on startups in order to encourage the innovative ideas that could bring a change in the traditional approach of solving a problem and to discover them and to connect them with real world layout of how the startups work, function and survive in the ever-changing competition. This event was conducted under TEQIP-III.

- **Day 2:**

1. Present: This was a technical event similar to paper presentation. Here, we provided a platform to turn all the vague and marvelous ideas into actions. The participants were provided with domains (for novice and expert category) comprising all the streams and they had to present their ideas with respect to the domain chosen.

2. Umang: Umang was a non-technical and a fun event specially designed for the first year students of degree domain and all the students of diploma domain. The motto behind this event was to let the newly admitted students get well acquainted with the college campus and to encourage inter and intra domain friendship amongst them.

3. Recruit-U: In this event, we had created a replica of campus recruitment process. It included aptitude test, debates and interviews. This event help students to test their skills before going for the actual process of recruitment.



3.4.14 Go-Kart

Go-Kart Design Challenge is a national level kart designing competition organized by Indian Society Of New Era Engineers (ISNEE). ISNEE organizes this competition every year and this is the 7th edition of GKDC competition. The 7th GKDC competition is categorized into 125cc, 150cc and E-Kart. This year, we participated in the 125cc category.

The 16 students [mentioned above] from Walchand College of Engg. participated in this event along with 2 faculty advisors, Prof. V. V. Dhende and Prof. Dr N. D. Pawar. Since Prof. Dr N. D. Pawar sir was not available during the main event, Prof. Ankush Patil sir accompanied the students to Coimbatore.

Overall **Rank 3rd** in 125cc Combustion engine Category

Overall **Rank 1st** in Cost Evaluation in 125cc Combustion engine Category

Overall **Rank 5th** in Design Evaluation



3.4.15 MESA-MESC

MESA-MESC (Mechanical Engineering Student's Association-Mechanical Engineering Student's 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. in order to make the students ready for the professional world. Club activities started with General Interactive Meet (GIM) on 26th September 2019, which introduced the club and all its activities to the students of first year. Activities like aptitude test, interactive activities were conducted in order to get familiar. After GIM every alternate week club services were conducted which focused on soft skills development as well as development of communication skills. On an average 60 students attended the club services.

MESA-MESC further organized two days National level workshop on MATLAB along with TEQIP- III in association with IIT BHU, Varanasi and INNOVIANS TECHNOLOGY on 5th and 6th October 2019 with over 100 students attending the workshop. A State Level Mega Event VERTEX'19 was conducted on 12th and 13th October 2019 which comprised of 7 sub events viz. LATHEMASTER, INGENIOUS, CATAWARS, CADVENGERS, TECHNOBUZZ, INTELLECT and PRESENTATIO which covered the competitions of almost all the aspect of a Mechanical Engineer. More than 150 students participated in this event and the event ended with prize distribution ceremony on 13th October 2019. To provide guidance to the students in their endeavour for better employment and higher studies, Alumni meet of batch 1995 was organised on 11th of January 2020 at Tilak hall of Walchand College of Engineering Sangli. More than 40 Alumni visited the College and 150 students attended the interaction. Alumni shared their valuable life experiences to guide all. Alumni meet concluded with Departmental visit. Additional Club services were conducted after the Alumni meet to contribute towards overall development of the Students.



3.5 Gymkhana Activities:

- 113 students participated in various sports activities conducted by the Shivaji University (Zonal/Inter-zonal) at various games like Cricket, Basketball (M/W), Football, Chess (M/W), Volleyball (B), Badminton (M/W), Table Tennis, Lawn Tennis, Kabaddi, Kho-Kho, Shooting, Yoga, etc.
- 47 students out of 113 qualified for Inter-Zonal Tournaments & 3 Students selected for the All India Inter-University Tournament.

3.5.1 Zonal/Inter-zonal/State Level tournament achievements:

1. Swimming (Men):

- Sangli Zonal swimming tournament was held at district sports complex swimming tank, Miraj on dated 27th and 28th August, 2019. Five student's teams of college participated in Zonal swimming (Men) tournaments. WCE students won **13 medals** in total.

Mr. Tej Kulkarni (Final Year B. Tech.): **Total:-08 Medals:- 7 Silver & 1 Bronze**

- WCE team won **Silver medals** in **4 x 100 medley relay**.

Players in Relay:

Sr. No.	Players	Class
1	Tej Sushant Kulkarni	Final Year B. Tech. Civil
2	Piyush Prakash Kulkarni	S.Y. B. Tech. Elect
3	Shubham Prakash Rathor	T.Y. B. Tech. IT
4	Ganesh Subhash Yedave	T.Y. B. Tech. Civil
5	Saneesh Subhash	Final Year B. Tech. Elect

- WCE swimming team qualified for **Shivaji University Inter-Zonal Swimming (Men)** Tournament at Kolhapur.

Mr. Tej S. Kulkarni won **4 Silver medals** in **Inter-Zonal Swimming**.

2. Chess (Men & Women):

- Sangli Zonal Chess tournament was held at P.V.P.I.T. College, Budhagaon, Sangli on 30th, 31st August & 1st September 2019. 27 college teams participated in Zonal Chess (Men & Women) tournaments. Walchand college of Engineering (Men & Women) team were Winner-ups in overall tournament. **WCE team were Winner-ups with overall 19.5 points.**
- Team **selected for Inter-Zonal Tournament** held at Architecture College, Islampur.

Men

Sr. No.	Players	Class
1	Shelgaonkar Soham Anil	Final Year B. Tech. Mech
2	Bawankule Pradip Damodhar	Final Year B. Tech. Civil
3	Kole Aditya Uday	Final Year B. Tech. IT
4	Somani Ravi Chandraprakash	T.Y. B. Tech. IT
5	Bhagate Abhishek Prakash	S.Y. B. Tech CSE

Women

Sr. No.	Players	Class
1	Maheshshwari Harsha Satish	Final Year B. Tech. Civil
2	Shinde Samruddhi Shahaji	T.Y. B. Tech. Elect
3	Ratnaparkhi Pratiksha Laxmikant	T.Y. B. Tech. CSE
4	Mali Nishigandha Dhanaji	T.Y. B. Tech. Mech

- **Inter-Zonal Tournament Qualified Players:**
Mr. Bawankule Pradip Damodhar Final Year B. Tech. Civil
Miss. Maheshshwari Harsha Satish Final Year B. Tech. Civil
Miss. Shinde Samruddhi Shahaji T.Y. B. Tech. Elect
- **Inter-University Tournament Qualified Players:**
Mr. Maheshshwari Harsha Satish Final Year B. Tech. Civil
Miss. Shinde Samruddhi Shahaji T.Y. B. Tech. Elect
- **All India:** Miss. Maheshshwari Harsha Satish Final Year B. Tech. Civil

3. Badminton (Men):

- Sangli Zonal Badminton tournament was held at R.I.T. College Islampur on 6th & 7th Sept. 2019. A team of 6 students represented Walchand College. 17 colleges participated in this competition. **WCE men team were Runner-ups in overall tournament.**

Team Players:

Sr. No.	Players	Class
1	Hibre Parth Vijay	Final Year B. Tech. Elen
2	Machpalle Pralhad Suryakant	T.Y. B. Tech Elen
3	Kulkarni Kedar Dinesh	F.Y. B. Tech Mech
4	Gaikwad Aditya Abhay	F.Y. B. Tech Elen
5	Somani Ravi Chandraprakash	T.Y. B. Tech IT
6	Bari Bhushan Vinod	F.Y. B. Tech IT

4. Badminton (Women):

- Sangli Zonal badminton tournament was held at R.I.T. College Islampur on 6th & 7th Sept. 2019. 10 teams participated in zonal badminton women tournament. **WCE women team were overall Runner-up.**

Team Players:

Sr. No.	Players	Class
1	Kumbhar Isha	Final Year B. Tech. Civil
2	Beldar Pragati	T.Y. B. Tech. Mech.
3	Palkar Shruti	T.Y. B. Tech. Civil
4	Adhav Shrutika	F.Y. B. Tech CSE

- Both teams qualified for **Shivaji University Inter-zonal badminton tournament** held at Y.C. College Islampur on September 2019.

5. Basketball (Men):

- Sangli Zonal Basketball tournament was held at M. M. Miraj on 2nd & 3rd October, 2019. **In Zonal Basketball (Men) tournaments WCE team got 3rd place.**
- Team qualified for **Inter-Zonal Tournament** held at Night College Kolhapur on 7th & 8th November 2019.

Team Players:

Sr. No.	Players	Class
1	Prathamesh Bharatrao Deshmukh	T.Y. B. Tech. CSE
2	Shivraj Patil	F.Y. B. Tech. Civil
3	Arun Kumar	T.Y. B. Tech. Civil
4	Vikki Gavitt	F.Y. B. Tech. Elect
5	Piyush Mhaske	F.Y. B. Tech. CSE
6	Indrajit Rajendra Patil	T.Y. B. Tech Elen
7	Omkar Rajendra Deshmukh	Final Year B. Tech. Mech
8	Omkar Rajurao Muttewar	S.Y. B. Tech. Elect
9	Vaibhav Sanjay Jagtap	Final Year B. Tech. CSE
10	Saneesh Subhash Ganvir	Final Year B. Tech. Elect

6. Basketball (Women):

- Shivaji university **Inter-zonal Basketball women tournament** was held at Atpadi college ,Atpadi on October 2019. 13 college teams participated in Inter-Zonal Basketball women tournament.
 - Miss. **Bhatt Astha Girish** got selected in **Shivaji University basketball women team**. She played at **West zone inter university Basketball (Women) tournaments at I.L.N.P.E. University, Gwalior, MP.**

Sr. No.	Players	Class
1	Bhatt Astha	T.Y. B. Tech. Elen

7. Cricket (Men):

- Sangli Zonal Cricket men tournament organized by Chintamanrao College of commerce Sangli and held at Chintamanrao College ground from November 2019. 23 teams participated in cricket tournament. **WCE Men's Cricket team were Winner at Zonal Tournament.**
- Team qualified for Inter-Zonal tournament at Shivaji University Kolhapur.**

Team Players:

Sr. No.	Players	Class
1	Kamatekar Kedar	T.Y. B. Tech. Elect
2	Boyane Shrihari	T.Y. B. Tech. Civil
3	Burkule Akshar	Final Year B. Tech. Elect
4	Kewat Krishna	Final Year B. Tech. Elect
5	Madki Abrar	T. Y. B. Tech. Elect
6	Pardeshi Rahulkumar	F. Y. B. Tech. CSE
7	Patil Shriharsh	F. Y. B. Tech. IT
8	Sudke Aniket	Final Year B. Tech. IT
9	Patil Dhairyashil	S. Y. B. Tech. Civil
10	Amale Nikhil	F. Y. M. Tech. Production
11	Suryawanshi Sager	F. Y. M. Tech. Design
12	Kadam Harshwardhan	S. Y. B. Tech. IT
13	Kudupkar Maaz	Final Year B. Tech. Elect
14	Shinde Nikhil	S. Y. B. Tech. IT
15	Agwane Adwait	S. Y. B. Tech. Eln
16	Choudhari Dayesh	S. Y. B. Tech. CSE

8. Table Tennis (Men):

- Sangli Zonal Table Tennis men tournament was organized by A.D.C.T. College, Astha Sangli on 12th & 13th October 2019. **Our college team won First Place.**
- WCE Team qualified for Inter Zonal Tournament held at J. J. Magdum College of Engineering, Jaysingpur, on 16th & 17th October. 2019. **Our college secured 3rd place Inter-Zonal.**

Team Players:

Sr. No.	Players	Class
1	Gaikwad Sandesh	Final Year B. Tech. Civil
2	Potdar Chaitanya	T. Y. B. Tech. Civil
3	Kamatekar Kedar	T. Y. B. Tech. Mech
4	Kumbhojkar Archeet	S. Y. B. Tech. Mech

9. Shooting (Men):

- WCE student Pranav Patil participated in **Inter-Zonal Shooting** tournament held at Shivaji University, Kolhapur. **He won First Place in that competition.**
- Got Selected for **All India** Tournament at **M. R. International Institute of Research & Studies, Faridabad (Haryana)** 12th to 15th November 2019.

Sr. No.	Players	Class
1	Patil Pranav	S.Y. B. Tech. Civil





4. OUTREACH AND INCLUSIVITY

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

4.1.1 Activities Conducted:

Name of Event	Details of Event	Name of Event Coordinator	Date of Event
Course Management and Technology based Teaching	AICTE, Margadarshan Sponsored, Five days FDP	1. Dr. V. B. Dharmadhikari 2. Dr. Mrs. A. A. Agashe	21 -25 Jan 2019
Pedagogical techniques in Electronics and Electrical Engineering	TEQIP Sponsored, Five days FDP	1. Dr. Mrs. A. A. Agashe 2. Mr. N. V. Marathe 3. Mr. S. K. Parchandekar 4. Mr. R. G. Mevekari	10 – 14 August 2020
Worked on Embedded System Design of “Low cost Ventilator Design”.	Covid Product Design	Dr. V. B. Dharmadhikari	24 April – 16 June 2020
Design of Control system hardware, PCB, fabrication, Embedded Software and on site testing of Misting Tunnel			
Design of automatic soap + water dispenser hardware, fabrication, enclosure design and fabrication, testing and completions of 25 prototypes for installation in our college.			
IoT in Automation by Dolphin Labs, Pune	TEQIP sponsored Three Days workshop	Dr. S. D. Ruikar	6-8 Oct 2019
Workshop on Arduino in IoT Series	TEQIP Sponsored workshop in association with IIT, Bombay	Ms. S. U. Patil	8 Feb 2020
Web Application Development using Embedded Linux	TEQIP Sponsored Two days’ Workshop	Mr. S. R. Khedkar	March 2019
Embedded Linux Board and Interfacing with Peripherals	TEQIP Sponsored Three days’ Workshop	Mrs. M. R. Khare	18,19,20 November 2019
F.Y.B.Tech Induction Program 2019-20	Total number of faculty involved: 30 Total number of 1st year students attended: 477 Total number of hours dedicated for human value students: 13 Hrs. Total number of hours dedicated for subject proficiency module: 07 Hrs. Total number of hours dedicated for	K.V.Madhale, A A Powar, B N Jamadar	6 days, 19 -24 August 2019

	communication skill: 05 Hrs. Total number of hours dedicated for extra curriculum activities: 18.30 Hrs.		
ART OF LIVING PROGRAM FOR STAFF	17 faculties participated	K.V.Madhale	13/04/2019
ART OF LIVING PROGRAM FOR STUDENTS	400 Students participated	K.V.Madhale	8- 13 April 2019
Samanvay 2019	Students of F.Y., S.Y. B.Tech Civil	Amol Mali	24-05-2019
workshop on Recent Trends in Water Supply & Sanitation at WCE on 17 Jan 20	FY and SY M. Tech. Civil Environmental Students, Faculty of Civil Dept.	B.R.kavathekar	09-03-2020
Workshop on software training program on ANSYS (Workbench) at WCE on 08 to 11 Feb 2020	FY and SY M. Tech. Civil structural Students, Faculty of Civil Dept.	Atul Patane and Balaji sawant	29-02-2020
Organized one day workshop on “IPR Awareness”	Walchand College of Engineering, Sangli for students and faculty members	Dr.Prachi Sohani	1 February 2020 .
NDF Scheme Ph.D. Interview Mechanical Engg. WCE Sangli.	Organised by Mechanical Department	Dr. K. H. Inamdar Dr. S. U. Sapkal	12 June 2019
One Week Workshop on “Modelling and Simulation of Structural and Fluid Flow Problems”	Organized by Dept. of Mechanical Engg., WCE Sangli and Jabalpur Engineering College	Prof. Dr. B. S. Gawali, Dr. A. M. Gadade	8 – 12 July 2019
Two days’ workshop on “MATLAB” by TECHNEX, I.I.T. Varanasi	Organised by Mechanical Department	Prof. Pravin A. Mane	5 – 6 October 2019
“VERTEX”	Organised by Mechanical Department	Prof. Pravin A. Mane	12 - 13 October 2019
Two days’ workshop on “Finite Element Analysis Theory for Vibration Analysis and Simulation”	Organised by Mechanical Department	Prof. Amar Paranjpe	8 – 9 November 2019
One day Workshop on “Augmented Reality: An Industry 4.0 Initiative”	Organised by Mechanical Department	Prof. V. V. Dhende, Prof. S. M. Ranade	16 November 2019
BoS (Syllabus) Meeting Mechanical Department at WCE Sangli.	Organised by Mechanical Department	Prof. Dr. S. V. Gaikwad & All Mechanical Faculty	21 January 2020
Workshop on “Computational Fluid dynamics”	Organized by Dept. of Mechanical Engg., WCE	Prof. Dr. B. S. Gawali, Dr. N. D. Pawar	Between 1 to 27 February

	Sangli		2020
Organised in plant Industrial training on Power Plant	Organised by Dept. of Mechanical Engineering, WCE, Sangli	Prof. S. D. Jagtap	2 – 6 March 2020
Organized workshop on “Finite Element Analysis”	Organised by Dept. of Mechanical Engineering, WCE, Sangli	Dr. M. M. Khot, Dr. N. D. Pawar	13 February – 7 March, 2020
FDP on Power Plant Familiarization	FDP organized jointly by WCE & ADTPS, Dahanu	Dr. A. P. Vaidya Mr. V. P. Mohale Dr. R. P. Hasbe	2-6 Mar 2020
One Week Industry Oriented Training on PLC and SCADA using Total Integrated Automation	Organized under TEQIP-III for FY. M.Tech Electrical Engineering Students	Mr. S. S. Karvekar and Mr. V. P. Mohale	1 – 5 Feb 2020
Skill and Career Development Training Program	Organized under TEQIP-III for SY. B.Tech Electrical Engineering Students	Mr. S. S. Karvekar and Mr. V. P. Mohale	25 Jan 2020, 27 Jan 2020, 1 st -2 Feb 2020, 8 Feb 2020
One Day Workshop On IOT	Organized By Cse Department	Dr. Mrs. M. A. Shah	30 /01/2020
One Day Workshop On IPR	Organized By Cse Department	Dr. Mrs. M. A. Shah	1 /02/2020
One Day OBE Workshop	Organized By Cse Department	Dr. Mrs. M. A. Shah	25 /06/ 2020
Webinar On Engineering The Thought Process	Organized By Cse Department	Dr N.L.Gavankar	MAY 2020
Organized One Week Fdp On “High Performance Computing”	Organized By Cse Department	Dr N. K. Pikle	15/07/2020-19 /07/2020
“Advances And Opportunities In Machine Learning”	Organized By Cse Department	Mr K.P.Kamble	22/07/2019-26/07/2019
C And C++ One Day Main Workshop	Organized By Cse Department And IIT, Bombay.	Ms A.T .Umrani.	29/02/2020
Power Plant Familiarization	One week In-Plant training in association with Adani Technical Center(ATTCC) Dahanu and JEC,Jabalpur	Dr. P. K. Kharat	2 -6 March 2020
High Performance Computing	National Level workshop	U. B. Chavan	14-19 July 2019
R Programming	One Day Workshop	U. B. Chavan	9 Nov. 2019
Linux	One Day Workshop	A. A. Urunkar	23 August, 2019

4.1.2 Guest Lecture Organized by Faculty:

Name of Faculty	Place	Subject	Date of Lecture
Dr. V. B. Dharmadhikari	WCE, Sangli	Organized a webinar on "Importance of Association with Professional Societies for Outcome Based Education". Speaker is Dr. Mrs. Surekha Deshmukh, Pune	30 April 2020
	WCE, Sangli	Industry lecture of Ravi Mahamuni of TCS, Pune for SY eln students	8 April 2020
	WCE, Sangli	Industry lecture of Prathamesh Kale, Pune for SY Eln students	30 April 2020
	WCE, Sangli	Industry lecture of Amey Gambhi, Hella Technologies, India, Pune for SY eln students	8 May 2020
Dr. Mrs. M. M. Patil Ms. S. U. Patil	WCE Sangli	Precision Agriculture by Mr. Ranjit Patil, Founder, Fresh Express Logistics Pvt Ltd, MIDC, Miraj.	21 Dec 2019
Mr. Kavathekar Bhushan R.	WCE Sangli	Guest Lecture on Introduction to Microbiology	29 Nov - 02 Dec 19
		Guest Lecture on Koyana Lake Tapping at WCE	24 Feb 2020
Mr. A.K. Mali	Dept. of Civil Engineering, WCE, Sangli	A guest lecture to Civil Contractors of Sangli Miraj and Kupwad Municipal corporation	04-03-2020
Prof. P. A. Mane	Dept. of Mechanical Engineering, WCE, Sangli	Special Purpose Machines FEM Project Execution, N.P.P. in India	7April 2019
Prof. J. M. Dabir	Dept. of Mechanical Engineering, WCE, Sangli	Computer applications simulations – Metal forming processes” Elective Subject AMT.	5th September 2019
Prof. J. M. Dabir	Dept. of Mechanical Engineering, WCE, Sangli	Method Study in Industrial Engineering	4September 2019
Prof. S. M. Ranade	Dept. of Mechanical Engineering, WCE, Sangli	Expert lecture	26 September 2019
Prof. S. M .Ranade	Dept. of Mechanical Engineering, WCE, Sangli	Start-up-Talk	21 September 2019
Prof. S. M .Ranade	Dept. of Mechanical Engineering, WCE, Sangli	Start-up-Talk	10 October 2019
Prof. S. M .Ranade	Dept. of Mechanical Engineering, WCE, Sangli	Expert lecture on Digital Marketing	26 October 2019
Prof. S. M .Ranade	Dept. of Mechanical Engineering, WCE, Sangli	Expert lecture on Design of aircraft air conditioning system	27 January 2020
Prof. S. M .Ranade, Prof. R.K. Kulkarni	Dept. of Mechanical Engineering, WCE, Sangli	Expert lecture on selection of industry based project	29 January 2020
Mr. Dr. S. N. Yadav Head, Department of Sciences and	WCE Sangli	Application of Fuzzy logic in electrical Engineering	30 Nov. 2019

Humanities R.I.T., Rajaramnagar, Islampur			
R G Datar , A. A. Dhamangaonkar	Student Activity Center, TPO, WCE, Sangli.	Future in Solar Power Industry and Entrepreneurship Challenges	16 Nov 2019
Dr. Mrs. M. A. Shah	WCE, Sangli	Organized a guest lecture for TY CSE on "IoT"	30/01/2020
Mr A R Surve	WCE, Sangli	Organized a guest lecture for SY CSE on "IoT"	30/01/2020
Dr. S. P. Sonavane	WCE IT Dept	Application of Artificial Intelligence	12.10.2019

4.1.3 Events Attended by Faculty:

Name of Event	Details of Event	Name of Faculty	Date of Event
Electronics Engineering Department			
Industry Academia Connect program webinar: To help Emerging Talent to catch Industry Attention	Webinar	Dr. Mrs. A. A. Agashe	2-4-2020
ACM India Industry Webinar: "How to Manage your Professional Career	Webinar		11-4-2020
IIRS Outreach program: Basic Principles of Remote Sensing Technology :	FDP		13 to 25 April 2020
Five days faculty development Program on Arduino	FDP		28 Apr to 2 May 2020
COVID-19 Awareness Online Quiz	Quiz		4-5-2020
Quiz on Faculty Awareness Program on Outcome Based Education (OBE) and NBA Accreditation Certificate	Quiz		7-5-2020
Five day workshop on Drupal	FDP		4 to 9 May 2020
Five day workshop on e Sim	FDP		5 to 9 May 2020
Awareness Program on NBA Accreditation and Outcome based Education	Quiz		13-5-2020
FDP on "Introduction of Accreditation Mechanism	FDP		11 to 15 May 2020
Days FDP on "Research Methodology: Tools and Technique"	FDP		18 to 22 May 2020
5 Days FDP on Moodle: Learning Management System	FDP		13 to 18 May 2020
Five days faculty development Program on Arduino	FDP	Dr. S. S. Deshpande	28 Apr to 2 May 2020
COVID-19 Awareness Online Quiz	Quiz		4/5/2020
Five day workshop on Drupal	FDP		4 to 9 May 2020
Five day workshop on eSim	FDP		5 to 9 May 2020
Awareness Program on NBA Accreditation and Outcome based Education	Quiz		13-5-2020
Awareness Program on NBA Accreditation and Outcome based Education	FDP		11 to 15 May 2020

5 Days FDP on Moodle: Learning Management System	FDP		13 to 18 May 2020
Machine Learning and Deep Learning Applications in Engineering & Science	FDP		16 to 20 May 2020
Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)	FDP		26-30 May 2020
5 Days FDP on Pedagogical techniques in Electronics and Electrical Engineering	FDP		10 to 14 August 2020
One week STTP on personality development with Yoga	FDP	Dr. B. G. Patil	21 to 27 June
FDP on Electro Mechanical system	FDP		20 to 25 July 2020
FDP on Pedagogical Technique in Electronics and Electrical energy	FDP		10 to 14 August 2020
National webinar on introduction of Puranic Healing Energy Science	Webinar		24 July 2020
One week Implant Industrial training on Power Plant Familiarization in association with Adani Technical Training center DTPS, Dahanu	FDP		2- 6 Mar 2020
One day Workshop on C and CPP	Workshop		29 Feb 2020
One Day Workshop on Arduino	Workshop		8 Feb 2020
Webinar by La Foundation on Dassault Systems "System Integration"	Webinar	Dr. V. B. Dharmadhikari	21 May 2020
Five days faculty development Program on Arduino	FDP	Mrs. P. N. Savagave	28 Apr to 2 May 2020
COVID-19 Awareness Online Quiz	Quiz		4/5/2020
Five days workshop on Drupal	FDP		4 to 9 May 2020
Five days workshop on eSim	FDP		5 to 9 May 2020
Awareness Program on NBA Accreditation and Outcome based Education	Quiz		13-5-2020
FDP on "Introduction of Accreditation Mechanism	FDP		11 to 15 May 2020
5 Days FDP on Moodle: Learning Management System	FDP		13 to 18 May 2020
Machine Learning and Deep Learning Applications in Engineering & Science	FDP		16 to 20 May 2020
Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)	FDP		26-30 May 2020
ICT Workshop-3 on "E-content Development	FDP		8-Aug-20
5 Days FDP on Pedagogical techniques in Electronics and Electrical Engineering	FDP		10 to 14 August 2020
One Day Workshop on Arduino	Workshop		8 Feb 2020
One day Workshop on C and CPP	Workshop		29 Feb 2020
Two week Faculty Development Program on Managing Online Classes and Co-creating MOOCS	FDP	Dr. S. D. Ruikar	20/04/2020 to 06/05/2020
Webinar Series on Modern Antennas for Wireless System	Webinar Series		22/05/2020 to 24/05/2020
Five Day FDP on ICT Based Teaching and Learning Process	FDP		01/07/2020 to 05/07/2020

One week National Level online Faculty Development program on Innovation to academics	FDP		11/05/2020 to 16/05/2020
National Level one week FDP on Latex	FDP		15/06/2020 to 19/06/2020
Five days Short term course on Recent Trends in Wireless Communication	FDP		20/07/2020 to 24/07/2020
Career Edge Knockdown the Lockdown	COURSE		09/04/2020 to 25/04/2020
One week FDP on Python	FDP		01/06/2020 to 07/06/2020
One week online FDP on Challenges and Opportunities in Recent Emerging Technology	FDP		06/07/2020 to 10/07/2020
Principles of Management faculty development program	FDP		18/05/2020 to 22/05/2020
Online FDP on Internet of Things	FDP		22/06/2020 to 26/06/2020
Five days Short term training Program on Recent Advances in Artificial Intelligence	FDP		27/07/2020 to 31/07/2020
Digital Skills: Artificial Intelligence	Course		29/04/2020 to 09/05/2020
Five Day IGEN PIT Faculty Development Program on Renewable Energy System	FDP		08/06/2020 to 12/06/2020
five days Faculty Development Program on "Algorithms and Techniques for Signal Processing"	FDP		14/07/2020 to 18/07/2020
STTP with Predictive modeling with Machine Learning using Python	STTP		03/08/2020 to 08/08/2020
Five days faculty development Program on Arduino	FDP	Mr. N. V. Marathe	28 Apr to 2 May 2020
COVID-19 Awareness Online Quiz	Quiz		4/5/2020
Five days workshop on Drupal	FDP		4 to 9 May 2020
Five days workshop on eSim	FDP		5 to 9 May 2020
Awareness Program on NBA Accreditation and Outcome based Education	Quiz		13-5-2020
FDP on "Introduction of Accreditation Mechanism	FDP		11 to 15 May 2020
5 Days FDP on Moodle: Learning Management System	FDP		13 to 18 May 2020
Machine Learning and Deep Learning Applications in Engineering & Science	FDP		16 to 20 May 2020
Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)	FDP		26-30 May 2020
ICT Workshop-3 on "E-content Development	FDP		8-Aug-20
Faculty Development Program on Flipped Classroom	FDP		15-Aug-20
One Day Workshop on Arduino	Workshop		8 Feb 2020
IET sponsored workshop on IoT	Workshop		Feb 2020
One day Workshop on C and CPP	Workshop		29 Feb 2020
National Level One week Online FDP on "Arduino", organized by AISSMS College	FDP	Mr. S. K. Parchandekar	28 April to 04 May 2020

of Engineering, Pune, in Association with Spoken Tutorial Project, IIT, Bombay.			
One Week Online Faculty Development Program on "Drupal", organized by Sinhgad Institute of Technology and Science, Narhe, Pune, in Association with Spoken Tutorial Project, IIT, Bombay.	FDP		4 To 9 May 2020
"COVID-19 Awareness Online Quiz" conducted by Walchand College of Engineering, Sangli	Quiz		05-05-2020
Webinar on "Tips from Teachers on Moving Laboratory Experiences Online", organized by J-WEL	Webinar		06-05-2020
National Level FDP on "Introduction of Accreditation Mechanism and NBA Approach", organized by Dr. V. B. Kolte College of Engineering, Malkapur (M.S.)	FDP		11 to 15 May 2020
A Quiz on "NBA accreditation and Outcome Based Education (OBE)" conducted by SBGI, Miraj	Quiz		13/05/2020
Five Day's Online STTP on "MATLAB based Teaching-Learning in Mathematics, Science and Engineering", organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai	STTP		18- 22 May 2020
One Week Online FDP on "Promoting Quality Culture in Technical Institutions", AISSMS College of Engineering, Pune.	FDP		25 to 29 May 2020
National Level FDP on "Research Methodology", organized by Dr. V. B. Kolte College of Engineering, Malkapur (M.S.)	FDP		26 to 3 May 2020
Three Day's National Level Online FDP on "Protecting Youin Cyberspace", organized by Pillai College of Engineering, New Panvel	FDP		1 to 3 June 2020
Webinar on "Outcome Based Education Software", organized by Vmedulife Software Services	Webinar		04-06-2020
Webinar on "Impact of AI during Pandemic Times", organized by McGraw Hill Education, India	Webinar		04-06-2020
National Level One week Online FDP on "Advanced Teaching Tools, Techniques and Methodologies for Outcome based Education", organized by AISSMS College of Engineering, Pune.	FDP		1 to 5 June 2020
AICTE - ISTE Approved STTP on "E-Learning Tools, Methodologies and Content Management" organized by Shri Shivaji Education Society's College of Engineering and Technology, Akola	STTP		8- 13 June 2020
One Day Workshop on Arduino	Workshop		8 Feb 2020
One day Workshop on C and CPP	Workshop		29 Feb 2020
Digital Transformation in Teaching Learning Process	workshop	Mr. S. G. Tamhankar	6 April-22 April 2020

Cyber Security	FDP		30 April - 4 May 2020
"Engineering for the complex world "	Webinar		July 30, 2020
Career prospects for fresh engineers in Electric Vehicles domain and how to be Industry Ready for it	Webinar		23 July
Green Energy for Future	Webinar		2 July 2020
Professional outlook necessary to make your project 'Attract Industry Attention	Webinar		13 July 2020
LMS, Virtual Teaching and OBE Software for Engineering Colleges	Webinar		13 Aug.2020
Awareness Program on NBA Accreditation and Outcome based Education	Quiz		13 May 2020
5 days workshop on Fundamentals of Robotics & Artificial Intelligence at IIT, Guwahati in	Workshop		Feb 2019
One day Workshop on C and CPP	Workshop		29 Feb 2020
Five days faculty development Program on Arduino	FDP	Mr. R. G. Mevekari	28 Apr to 2 May 2020
Quiz on Faculty Awareness Program on Outcome Based Education (OBE) and NBA Accreditation Certificate	Quiz		7/5/2020
Five days workshop on Drupal	FDP		4 to 9 May 2020
FDP on "Introduction of Accreditation Mechanism	FDP		11 to 15 May 2020
Days FDP on "Research Methodology: Tools and Technique"	FDP		18 to 22 May 2020
5 Days FDP on Pedagogical techniques in Electronics and Electrical Engineering	FDP		14 to 18 August 2020
COVID-19 Awareness Online Quiz organized by Walchand College of Engineering, Sangli-Maharashtra	Quiz		5/5/2020
NAAC Awareness Quiz-2020	Quiz		17/5/2020
One Day Workshop on Arduino	Workshop		8 Feb 2020
COVID-19 Awareness Online Quiz organized by Walchand College of Engineering, Sangli-Maharashtra	Quiz	Dr. Mrs. M. M. Patil	5 Feb 2020
National Level One Week Online Faculty Development Program on "Python" organized by AISSM COE Pune in association with Spoken Tutorial Project, IIT Bombay	FDP		28 April to 4 May 2020
Webinar on "Importance of Association with Professional Societies for Outcome Based Education" organized by WCE Margdarshan scheme	Webinar		30 April 2020
"National Level Faculty Development Program on "Introduction of Accreditation Mechanism & NBA Approach", organized by Internal Quality Assurance Cell, Padm. Dr. V. B.	FDP		11 to 15 April 2020
Kolte College of Engineering, Malkapur (M.S.), India."	Quiz		13-05-2020
Appreciation Certificate at Quiz on " NBA	FDP		13 to 17 May

accreditation and Outcome Based Education (OBE) "organized by Department of civil engineering ATS SBGI Miraj, 2020.			2020
One Week Online FDP "Moodle: Learning Management System" Kashibai Navale COE Pune	Quiz		17-05-2020
NAAC Awareness Quiz - 2020 with a passing score of 100% organized by AISSM's COE Pune	FDP		18 May to 22 May 2020
One Week Online FDP "Research Methodology: Tools and Techniques" IILM	FDP		22 to 27 May 2020
One week Faculty Development Training Program on "Technical Teacher's Training" held from 22nd to 27th May, 2020 organised by VVIT, Pal.	FDP		25 to 29 May 2020
One Week Online FDP "Promoting Quality Culture in Technical Institutes" organized by AISSM's COE Pune UGC Paramarsh Scheme	Quiz		25-05-2020
Online Quiz on "Introduction to Machine Learning" organized by Kashibai Navale COE Pune	Quiz		29-05-2020
National Level Online Quiz "NAAC Accreditation and Awareness" with score 100% organized by Theem College of Engineering, Boisar	Webinar		31-05-2020
Webinar on "Advanced Digital Content Creation :Tools and Techniques" organized by AISSM's COE Pune and ioCare, Pune	Quiz		02-05-2020
Appreciation Certificate at Quiz on Basics of "Computer Network and Security" organized by Lakshmi Bangaru College of Arts and Science Melmaruvathur Tamil Nadu	Webinar		03-06-2020
Webinar on "Recent Research in Speech Processing with a Demo of Products Developed organized by "Wiley Webinar Series	FDP		10 to 14 June 2020
One Week Online FDP on "Advances and Research Opportunities in E&TC Engineering " organized by Department of Electronics & Telecommunication Engineering, SVERI's College of Engineering Pandharpur	Webinar		28-06-2020
Webinar on "Neuromorphic Computing and AI "organized by NASSCOM	Webinar		11-07-2020
Webinar "Employability Post Covid Era: Expectation of Industry Vs Education System's Preparedness" organized by ASSOCHAM India	Quiz		5 Feb 2020
One Day Workshop on Arduino	Workshop		8 Feb 2020
IET sponsored workshop on IoT	Workshop		Feb 2020
One day Workshop on C and CPP	Workshop		29 Feb 2020

Digital Transformation in Teaching Learning Process	workshop	Mrs. M. R. Khare	6 April-22 April 2020
"Online Faculty Development Program on Arduino	FDP		28 April- 04 May 2020
One Week Online Faculty Development Program on Arduino	Quiz		5 May 2020
COVID-19 Awareness Online Quiz organized by Walchand College of Engineering, Sangli	FDP		4 May-9 May 2020
Five days workshop on Drupal Training	FDP		18 May -22 May 2020
Research Methodology: Tools and Techniques	webinar		30 May 2020
Deep Learning with MATLAB	webinar		31 May 2020
Advanced Digital Content Creation Tools and Techniques for Education	webinar		3 June 2020
- Recent Research in Speech Processing with a Demo of Products Developed"	FDP		3 June -5 June 2020
Recent Trends in Wireless sensor Networks and Communication Systems	FDP		14 July -16 July 2020
One day Workshop on Linux	Workshop		23 Aug 2019
IET sponsored workshop on IoT	Workshop		Feb 2020
One day Workshop on C and CPP	Workshop		29 Feb 2020
5 Days FDP on Pedagogical techniques in Electronics and Electrical Engineering	FDP	Ms. S. U. Patil	10 - 14 Aug 2020
"Webinar series on ""Modern Antennas for Wireless Systems""", organized by IEEE and Keysight Technologies"	Webinar		22-24 May 2020
National Level One Week Online Faculty Development Program on Arduino organized by AISSMS College of Engineering in association with IIT, Bombay	FDP		28 April - 4 May 2020
COVID-19 Awareness Online Quiz	Quiz		4-5-2020
Webinar on "Machine Learning", by Ms. Anuradha Srinivasraghavan, organized by the Department of Information Technology, Shri G. S. Institute of Technology & Science, Indore (M.P.) in association with WILEY India Pvt. Ltd.	Webinar		19 May 2020
National Level One Week Online Faculty Development Program on Python Programming organized by AISSMS College of Engineering in association with IIT, Bombay	FDP		28 April - 4 May 2020
Webinar on Recent Research in Speech Processing by Dr. Mrs. S. D. Apte in association with Wiley	Webinar		3 June 2020
Webinar on "ReEngineering the Supply Chain : Imperatives for Post Pandemic Scenario"	Webinar		21 May 2020
A National Webinar on "Genius Code-Science of PEAK Performance"organized	Webinar		26 May 2020

by AISSMS College of Engineering, Pune			
Workshop on "Digital Transformation in Teaching Learning Process" by Swayam	Workshop		21 April 2020
One Day Workshop on Arduino	Co-ordinators Workshop (IIT, Bomabay)		18 Jan 2020
IET sponsored workshop on IoT	Workshop		Feb 2020
One day Workshop on C and CPP	Workshop		29 Feb 2020
IoT in Automation by Dolphin Labs, Pune	Workshop		6-8 Oct 2019
2 week workshop Digital Transformation in Teaching Learning Process	Workshop	Mr. S. R. Khedkar	6 April-22 April 2020
One Week online FDP on "Teaching Pedagogies in Electrical and Electronics Engineering" organized by Electronics Dept., WCE, Sangli	FDP		10 – 14 August 2020
One Day Workshop on Arduino	Workshop		8 Feb 2020
Physics Department			
Writing Research Synopsis/Thesis	One day Workshop under TEQIP-III	K.V.Madhale	7 September 2019
Materials and their Applications: A Broad Perspective	Two days National Seminar	K.V.Madhale	9-10 Jan 2020
Learning Physics through Simple Experiments	Two Months workshop by IIT,Kanpur	K.V.Madhale	2 April To 10 June 2020
Mobile Based Smart E-Content Development for Online Teaching	Knowledge bridge, Ahmednagar	K.V.Madhale	15 -25 April 2020
Interdisciplinary Approach of Science and Technology – Art of Human Welfare	2 days FDP by Rajkiya Engineering College Azamgarh (U.P) and Govt College of Engg.Karad (M.S	K.V.Madhale	20-21 April 2020
Innovation in Teaching and learning"	One week Online FDP on JAGADAMBAHA College of Engineering and Technology, Yavatmal	K.V.Madhale	27/04/2020 To 02/05/2020
Introduction of Accreditation Mechanism and NBA Approach	FDP Padm.Dr.V.B.Kolte College of Engineering, Malkapur Dist.Buldhana	K.V.Madhale	11-15 May 2020
ICT tools for Effective Teaching-Learning	One week FDP by Swami Ramanand Teerth Marathwada University, Nanded.	K.V.Madhale	11-16 May 2020
E-Content Development (Educational Audio-Video Production)"	One-week online workshop by Maharshi Dayanand College Parel (East), Mumbai	K.V.Madhale	11-16 May 2020
Clean Energy and storage devices (Poster Presented)	Online International Conference at Shri Pancham Khemraj Mahavidyala Sawantwadi Maharashtra	K.V.Madhale	30/04/2020

"Materials Science: Synthesis and Characterization "	E- Faculty Development Program by Department of Physics, Institute of Science Shri Vaishnav Vidyapeeth Vishwavidyalaya Ujjain Road, Indore	K.V.Madhale	9-14 May 2020
RESEARCH METHODOLOGY	One week FDP Padm.Dr.V.B.Kolte COE Malkapur Dist.Buldhana	K.V.Madhale	26-30 May 2020
Research Methodology: Tools and Techniques	FDP IILM College of Engg and Technology	K.V.Madhale	18-22 May 2020
Virtual Physics Lab	Two days National Level FDP Malla Reddy Institute of Engg and Technology Hyderabad	K.V.Madhale	4-5 June 2020
ADCET webinar series	Workshop ADCET, Ashta Dist.Sangli.	K.V.Madhale	21-26 May 2020
Bhoutiki Yatra: A travel for scientific Indian Minds	FDP Physics Dept, Sourashtra University, DST Gujrat and GUJCOST	K.V.Madhale	21-29 May 2020
"Perspectives of Teaching and Learning of Engineering Sciences for Outcome-based Education"	National Workshop NIT, Tiruchirappalli.	K.V.Madhale	15-20 June 2020
Faculty Development Program for Student Induction	7 Days FDP, IIT, Mandi (H.P.)	Bashir Najir Jamadar	30 June to 6 July, 2019
Power Plant Familiarization	1 Week Industrial Training, Adani Dahanu Thermal Power Station, Dahanu.	Bashir Najir Jamadar	2 March - 6 March, 2020
BOOTATHON ! (Boot Camp + Hackathon) : Faculty Track (Online-FDP) Virtual Labs BOOTATHON	4 Week FDP, IIT Bombay	Bashir Najir Jamadar	4 April to 9 May, 2020
Interdisciplinary Approach of Science and Technology – Art of Human Welfare	2 days FDP, Rajkiya Engineering College, Azamgarh (U.P) and Government College of Engineering, Karad.	Bashir Najir Jamadar	20 – 21 April, 2020
Innovation in Teaching and Learning	1 week FDP, Jagadambha College of Engineering & Technology, Yavatmal.	Bashir Najir Jamadar	26 April to 2 May, 2020
Online Training Program on Turnitin	1 Day Training Program, WCE Sangli.	Bashir Najir Jamadar	6 May 2020
Introduction of Accreditation Mechanism and NBA Approach	1 week FDP, Internal Quality Assurance Cell (IQAC) and Padmashri Dr. V.B.Kolte College of Engineering, Malkapur	Bashir Najir Jamadar	11 May to 15 May, 2020

	Dist-Buldhana		
Research Workflows, Research Metrics and Excellence in Academic Institutes	1 Day Workshop, AICTE & Elsevier India	Bashir Najir Jamadar	12 May, 2020
Research Methodology: Tools & Technology	1 week FDP, IILM college of engineering & Technology Greater Noida.	Bashir Najir Jamadar	18 May to 22 May, 2020
Chemistry Department			
Industrial Training at Adani Thermal Power Station, Dhanu	FDP	Dr. M. H. Pendse	2 to 6 March 2020
Digital Transformation In Teaching Learning Process	STTP, TEQIP-3,IITB & NPIU, Sponsored by MHRD	Dr. M. H. Pendse	6 to 22 April 2020
Managing Online Classes & Co-Creating MOOCS	FDP, Sponsored by MHRD	Dr. M. H. Pendse	20 April to 6 May 2020
Material Science & Nanotechnology	FDP, Crescent Institute of Science & Technology, Chennai.	Dr. M. H. Pendse	3 to 17 August 2020
Faculty Development Program for Student Induction	FDP-SI, IIT Mandi	A.A. Powar	30 June to 6 July 2019
Digital Transformation In Teaching Learning Process	STTP, TEQIP-3,IITB & NPIU, Sponsored by MHRD	A.A. Powar	6 to 22 April 2020
FDP on Interdisciplinary Approach of Science and Technology, Art of human welfare	FDP, TEQIP-III, Rajkiya Engineering College, Azamgarh	A.A. Powar	20-21 April 2020
FDP on "Innovation in Teaching Learning".	FDP, Jagadambha COE, Yavatmal	A.A. Powar	27 April to 2 May 2020
FDP on Introduction of Accreditation Mechanism	FDP, ISTE approved, Dr. V. B. KolteCOE, Malkapur	A.A. Powar	11 to 15 May 2020
FDP on Research Methodology: Tools	FDP, IILM College of Engineering, Noida	A.A. Powar	18 to 22 May 2020
FDP on Facilitation techniques and Online tools for College Teachers	FDP, S.M.Joshi College, Hadapsar,Pune	A.A. Powar	27 & 28 May 2020
FDP on "Advanced Teaching Tools, Techniques	FDP, ISTE approved, AISSMS,COE Pune	A.A. Powar	1 to 5 June 2020
"Perspectives of Teaching and Learning of Engineering Sciences for Outcome based Education	AICTE approved, by NIT-Turichappali-15	A.A. Powar	15 to 20 June 2020
Environmental Impact of COVID-19 Pandemic: Challenges & Remedies through Science & Engineering	STTP, ISTE approved, Poornima Institute of Engg. Kota	A.A. Powar	27 to 31 July 2020
Material Science & Nanotechnology	FDP, Crescent Institute of Science & Technology, Chennai.	A.A. Powar	3 to 17 August 2020
Civil Engineering Department			
Attending training program on MCSR		Dr.S.B.kadam	04 to 08 Nov

Rules & Softskill for support staff at Lonavala			2019
3 days workshop on Train the Trainers on Exam regorms at Hubali on		Ravindra Desai	09 to 11 Jan 2020 by NPIU
Fundamentals of Construction Material ,Technology and Management	IIT Bombay	Anmol Magdum And Amol Mali	6 -10 Jan ,2020
Exploring Research Topics and Techniques of Technical Writings	SVNIT Surat	Anmol Magdum	25-29 Dec,2019
Basic Principles of Remote Sensing	WCE Sangli	Dr.S.N Tande	INDIAN INSTITUTE OF REMOTE SENSING between 13/04/2020 to 25/04/2020.
Four week Faculty development program on Innovation in Teaching and Learning organized by	Jagadambha College of Engineering and Technology, Yavatmal.	Dr.S.N Tande	02/04/2020 to 27/04/2020.
Attended one week Faculty development program on Research, Funding Projects and IPR organized by K. C. College of Engineering and Management Studies and Research Thane, Mumbai date 07/05/2020 to 11/05/2020	K. C. College of Engineering and Management Studies and Research Thane, Mumbai	Dr.S.N Tande	07/05/2020 to 11/05/2020
One Week Online FDP on "PHP and MySQL" organized by Sir Visvesvaraya Institute of Technology, Nashik	Conducted by .Spoken Tutorial Project, IIT Mumbai, Funded by ICT, MHRD, Govt. of India date	Dr.S.N Tande	08/05/2020. To 13/05/2020.
FDP on "Introduction of Accreditation Mechanism and NBA Approach" organized by	Padmashri Dr. V. B. Kolte College of Engineering, Malkapur, Dist.- Buldana	Dr.S.N Tande	11/05/2020 to 15/05/2020.
FDP on Art of Writing Research Articles and Funding Proposals organized by	ManakulaVinayagar, Institute of Technology, Pondicherry	Dr.S.N Tande	21/05/2020 to 23/05/2020.
FDP on Promoting Quality Culture in Technical Institutions organized by	AISSMS College of Engineering, Pune	Dr.S.N Tande	25/05/2020 to 29/05/2020.
FDP-2week Emerging Trends in industry 4.0		Dr.R.S.Desai	18-29 May 2020
FDP-1week Promoting Quality Culture in Technical Institutions		Dr.R.S.Desai	25-29 May 2020
Attended three days workshop on Examination Reform at	KLE Technological University, Hubli (Karnataka)	Dr.R.S.Desai and Dr.V.S.Patil	9-11 January 2020. Under TEQIP-III
One week online FDP on C & CPP by	PVPIT & IIT Mumbai Spoken Tutorial on	Balaji Sawant	26 April – 2 May2020
FDP on - New Age Digital Communication Tools for Enhanced E- Learning. Department of Civil Engineering by	Priyadarshini College of Engineering, Nagpur.		On 29 May – 31 May 2020
successfully completed TEQIP-III Sponsored One week Online FDP on "Recent Advances in Civil Engineering"	VJTI Mumbai under twinning activity with Civil Engineering	Atul Patane	02 to 07 June, 2020

organized by Civil & Environmental Engineering Department,	Department, Engineering College Ajmer, Rajasthan		
Faculty Awareness Program on Outcome Based Education (OBE) & NBA Accreditation	Sinhgad Technical Education Society's, Sinhgad Institute of Technology & Science, Narhe, Pune.	Mrs.Apurva Bhosale	07-05-2020
Two Week FDP on Virtual Laboratory	Department of Instrumentation Engineering of Vidyavardhini's College of Engineering & Technology in association with COEP, Pune	Mrs.Apurva Bhosale	27-05-2020
FDP on "How to write effective Case study"	ATMIYA University (Dr Vishal Khasgiwala)	M.S.Ali	02-05-2020
FDP on "Challenges in building collaboration in research and innovation"	Dr. M.G.R Research and Educational Institute	M.S.Ali	09-05-2020
Course on water quality monitoring and water pollution management	SAFE	Mrs.P.P.Jogalekar	14-05-2020
Metro Rail Technology- Practices and Issues	RIT, Islampur	Anmol Magdum and Bhushan Kavathekar	10-05-2020
Mechanical Engineering Department			
Equity Achievements and Challenges in India	National Conference at COEP, Pune	Prof. Rahul Chanmanwar	15 – 16 March, 2019
Finite element method and Computational Structural dynamics	STTP at IIT Roorkee (Uttarakhand)	Dr. A. M. Gadade	10 – 14 June 2019
North West Zone	Student Induction Program FDP at IIT Mandi	Prof. Rahul Chanmanwar	30 June – 6 July 2019
Twinning Activity	Twinning Activity at Jabalpur	Dr. K. H. Inamdar & Prof. S. M. Ranade	3 – 5 July 2019
Conceptualization through additive /subtractive mfg. method	STTP at IIT Roorkee (Uttarakhand)	Prof. S.V.Gaikwad	8 – 12 July 2019
Modelling and Simulation of structural and Fluid flow Problems	STTP at WCE, Sangli	Prof. J. M. Dabir	8 – 12 July 2019
Modelling and Simulation of structural and Fluid flow Problems	STTP at WCE, Sangli	Prof. P. A. Mane	8 – 12 July 2019
Advances and opportunities in Machine learning	Workshop at WCE, Sangli	Prof. J. M. Dabir	22nd – 26th July 2019
ISHRAE Presentation for Research Funding	ISHRAE Presentation at New Delhi	Prof. Dr. B. S. Gawali	25th – 30th July 2019
Attended: Expert Workshop	Workshop at Shivaji University Kolhapur	Prof. Dr. B. S. Gawali	6th September 2019
Students Solar Ambassador Workshop	Workshop at IIT, Mumbai	Prof S. M. Ranade	2nd October 2019
Dr. A. P. J. Abdul Kalamvachan Prerna Divas	Seminar at WCE, Sangli	Teaching & Non-Teaching staff, Mechanical Engg. Dept.	15th October 2019
AICTE's "AI and Machine Learning for Real Time Application"	Training & Learning (ATAL) Academy	Ms.ShivadasRutuja K., Dr.Sapkal S. U.	19th – 23rd November 2019

	Program at NIT Warangal		9
Work Ethics Motivational Climate and Attitude development	Training Program at NITTTTR Bhopal (MP)	Mr.Yogesh D. Honkalas, Mr.SanjivNitwe	2nd – 6th December 2019
Mathematical Modelling and Numerical Techniques, Optimisation Techniques and Awareness in Research	STTP at Ashokrao Mane Group of Institutions, Vadgaon, Kolhapur	Dr.M.M. Khot	30th December 2019 – 3rd January 2020
Exam Reforms	Workshop at KLE Technological University, Hubli	Prof. Prabhakar Maskar	9th – 11th January 2020
Research Methodology	Workshop at Shivaji University, Kolhapur	Prof. Dr. B. S. Gawali	18th January, 2020
Refrigeration Conference 2019-20 (REFCON) Refrigeration and Cold Chain Solutions towards Sustainability	Workshop at Kolhapur	Prof. Dr. B. S. Gawali	22nd January 2020
Contribution: in Institutions Innovation Council activities.	MHRD'S GoInnovation Cell at WCE, Sangli	Prof S. M. Ranade	
IMTEX – 20 and TOOLTECH 2020	International Exhibition And Seminar at BIEC Bangalore	Mr. R. M. Chanmanwar and Dr.Sapkal S. U.	22 -25 January, 2020
Hands on Experiments on Wind Tunnel Testing and Non Destructive Testing Methods	Workshop at ADCET Ashta	B. N. Naik	February 14 - 16, 2020
E-Fests Asia Pacific	Workshop at Marwadi University, Rajkot	Dr. K. H. Inamdar & Dr. S. U Sapkal	February 28 – March 1, 2020.
Power Plant Familiarization	Industrial Training at Mumbai	Prof. S. D. Jagtap , Mr. P. A. Mane, Mr. R. M. Chanmanwar, Dr. N. D. Pawar, Mr.GirishUndale, Mr. B. N. Naik, Dr. S. U Sapkal	2nd – 6th March, 2020
BOS Meeting	BOS Meeting at WCE, Sangli	BOS Member and departmental faculty	21 Jan 2020
Attended and Participated 25th national and 3rd international heat and mass transfer Conference organized by ISHMT and ASTFE	Conference at IIT Roorkee	Prof S. M. Ranade	28 – 31 December 2019
Attended and presented paper in International conference on “Precision, Meo. Micro and Nano Engineering” at IIT Indore	International Conference at IIT Indore	Prof. Rahul Chanmanwar	12 – 14 December 2019
Attended Ph.D Viva Voce Examination of Mrs.LaxmiBewooras External Supervisor (co-guide) at K. L. University	Ph.D Viva Voce Examination at K. L. University	Dr. S. U. Sapkal	12th December 2019
Electrical Engineering Department			
FDP	Research Opportunities in electrical Engineering	Dr. D. S. More	7th May - 16th May 2020
FDP	Tequip on line certification course on	Dr. D. S. More	Feb-March 2020

	Digital transformation in teaching learning process		
FDP	AI and ML applications in power system	Dr. D. S. More	1st June -3rd June 2020
FDP	One week online faculty development program on Machine learning applications in Engineering & Science(MLDLAES-2020)	Mr. K. A. Mhaskar	16 May -20 May , 2020
FDP	One week online faculty development program on Energy Audit	Mr. K. A. Mhaskar	20 May -25 May 2020
FDP	One week online faculty development program on advances in power system	Mr. K. A. Mhaskar	8 June - 12June , 2020
FDP	Online course Digital Transformation in Teaching Learning Process	Mrs. A. A. Dhamangaonkar	6/5/2020
Webinar	Webinar on Solar Powered Technologies- Emerging opportunities in Rural India based on Solar powered Technologies.	Mrs. A. A. Dhamangaonkar	9/4/2020
Webinar	Webinar on Solar Drying Systems and Applications.	Mrs. A. A. Dhamangaonkar	21/4/2020
FDP	A Webinar on "Importance of Association with Professional Organizations ^{SEP} for Outcome Based Education"	Mrs. A. A. Dhamangaonkar	29/4/2020
FDP	One week online faculty development program on Machine learning applications in Engineering & Science(MLDLAES-2020)	Mrs. A. A. Dhamangaonkar	11/5/2020
Webinar	A Webinar on "Advanced Technique for Energy Efficient Device and MATLAB Coding"	Mrs. A. A. Dhamangaonkar	6/6/2020
Webinar	Webinar on "Research Opportunity in Agriculture Pumping- Electricity Conundrum in India".	Mrs. A. A. Dhamangaonkar	7/6/2020

FDP	one week online short time training program on MATLAB for all.	Mrs. A. A. Dhamangaonkar	31/05/2020
Webinar	Webinar on "Electrical Switch-gear & its applications"	Mrs. A. A. Dhamangaonkar	2/7/2020
FDP	Attended & cleared test program "TECH-QUIZE Basic Electrical Engineering"	Mrs. A. A. Dhamangaonkar	13/7/2020
Webinar	Webinar on "Artificial Intelligence and Assistive Devices in health care"	Mrs. A. A. Dhamangaonkar	28/7/2020
Workshop	3 Days Workshop on Train the Trainers on Examination Reforms At KLE Technological University, Hubballi, Karnataka.	Mrs. A. A. Dhamangaonkar	9/1/2019
FDP	Two days FDP on Interdisciplinary approach of science and technology: Art of human welfare	Mrs. A. S. Karvekar	20th and 21st April 2020
FDP	One week MATLAB Applications in Engineering and Science	Mrs. A. S. Karvekar	27th April to 1st May 2020
FDP	One week FDP on LaTeX	Mrs. A. S. Karvekar	26th April to 2nd May 2020
FDP	MATLAB Onramp	Mrs. A. S. Karvekar	28th April 2020
FDP	One week FDP on Drupal	Mrs. A. S. Karvekar	4th May to 9th May 2020
FDP	Two week FDP on Research Opportunities in Electrical Engineering	Mrs. A. S. Karvekar	7th May to 16th May 2020
FDP	One week FDP on Modern Trends in Electrical Drives	Mrs. A. S. Karvekar	19th May to 23rd May 2020
FDP	Two week FDP on Paradigm Shift in Higher Education Institutes: Opportunities and challenges	Mrs. A. S. Karvekar	1st June to 12th June 2020
FDP	Moodle Learning Management System	Mrs. A. S. Karvekar	20th June to 30th June 2020
FDP	Simulink Onramp	Mrs. A. S. Karvekar	5th August 2020
FDP	Digital Transformation and Pedagogies	Mrs. A. S. Karvekar	10th August to 14th August 2020

FDP	Programming for Everybody (Getting Started with Python)	Mr. R. G. Datar	4/6/2020
FDP	Free Online sessions on designing solar PV system and its installation practices	Mr. R. G. Datar	4/17/2020
FDP	Webinar on Outlining of detailed project report for solar PV plant	Mr. R. G. Datar	5/6/2020
Webinar	Webinar on: Top 5 reasons to switch to digitally-integrated power transformers	Mr. R. G. Datar	5/19/2020
Webinar	Webinar on: Introduction to Protection and Control	Mr. R. G. Datar	05/21/2020
FDP	Course on: Intelligent Control of Connected and Automated Vehicles	Mr. R. G. Datar	5/21/2020
FDP	Course on: Learn to design your own Solar home system	Mr. R. G. Datar	5/25/2020
FDP	Faculty Development Programme on Artificial Intelligence (AI) and Machine Learning (ML) Applications in Power Systems	Mr. R. G. Datar	6/1/2020
Webinar	on: High Efficiency DC/DC Converters with a New Coupled-Inductor-Rectifier Structures by Jung-Kyu Han	Mr. R. G. Datar	5/26/2020
Webinar	Webinar on: Smart Battery Energy Management and Health Conscious Fast Charging for Future Transport- Dr. Sheldon Williamson	Mr. R. G. Datar	6/2/2020
FDP	Webinar on: Energy Storage and Electric Vehicle Technology Presented by Prof. Ka Eric Cheng	Mr. R. G. Datar	6/10/2020
FDP	Online Webinar on Research Opportunity in Agriculture Pumping- Electricity Conundrum in India	Mr. R. G. Datar	6/8/2020
FDP	Advanced Solar PV System Designing	Mr. R. G. Datar	7/31/2020

	Course		
FDP	Webinar on Electricity Tariff and understanding residential bill	Mr. R. G. Datar	8/19/2020
FDP	One week Faculty Development Program (CEP) on 'Sustainable Energy Systems' being sponsored by COEP TEQIP-III and conducted by Department of Energy Science Engineering (DESE), IIT Bombay	Mr. R. G. Datar	23rd to 27th December 2019
FDP	TEQIP-III Short Term Course on 'Mathematical Tools for Boundary Value Problems and Applications' at IIT Kharagpur during March	Mr. R. G. Datar	9th to 13th March 2020.
FDP	One week Industry oriented training on PLC and SADA organized by Walchand College of Engineering, Sangli sponsored by TEQIP-III	Mr. R. G. Datar	1st to 5th Feb. 2020
FDP	Control Engineering	Mrs. M. M. Tamhankar	2/4/2020
FDP	India First Leadership Talk Webinar	Mrs. M. M. Tamhankar	5/2/2020
FDP	One week online faculty development program on Machine learning applications in Engineering & Science(MLDLAES-2020)	Mrs. M. M. Tamhankar	5/11/2020
FDP	Webinar on " adaptive control application to power system: case study of SVC control with MRAC	Mrs. M. M. Tamhankar	5/24/2020
FDP	Webinar on "To guide students to select meaningful engineering projects: by Dassault systems	Mrs. M. M. Tamhankar	5/14/2020
FDP	Webinar on "Advanced Technique for Energy Efficient Device and MATLAB Coding"	Mrs. M. M. Tamhankar	6/3/2020
FDP	International Webinar on Industrial	Mrs. M. M. Tamhankar	6/18/2020

	Automation and SCADA		
FDP	Webinar on ' Model Predictive Control in Power Electronics: a critical review and recent industrial products	Mrs. M. M. Tamhankar	6/20/2020
FDP	National Webinar on "The Role of Power Electronics in Providing a Sustainable Energy Supply for the Future"	Mrs. M. M. Tamhankar	6/27/2020
FDP	Course on: Learn to design your own Solar home system	Mrs. M. M. Tamhankar	7/1/2020
FDP	Webinar on "Research opportunities in agricultural pumping :Electricity conundrum in India	Mrs. M. M. Tamhankar	6/3/2020
FDP	One week online FDP on" Applications of industry 4.0 and IoT in the field of engineering and medical"	Mrs. M. M. Tamhankar	7/27/2020
FDP	Webinar on Electricity Tariff and understanding residential bill	Mrs. M. M. Tamhankar	8/19/2020
FDP	Webinar on "Research opportunities in agricultural pumping: electricity conundrum in India	Mr. M. S. Mahagaonkar	6/3/2020
FDP	Matlab for all	Mr. M. S. Mahagaonkar	6/4/2020
FDP	Short course on "Learn to design your own solar home system"	Mr. M. S. Mahagaonkar	29/6/2020
FDP	National webinar on " The role of power electronics on providing a sustainable energy supply for the future"	Mr. M. S. Mahagaonkar	26/6/2020
FDP	International webinar on "Industrial automation and SCADA"	Mr. M. S. Mahagaonkar	18/6/2020
FDP	Webinar on Electricity Tariff and understanding residential bill	Mr. M. S. Mahagaonkar	8/19/2020
FDP	Sustainable energy system at IIT Bombay	Mr. M. S. Mahagaonkar	23-27 Dec 2019

FDP	Power Plant Familiarization	Mr. M. S. Mahagaonkar	2-6 Mar 2020
FDP	Mathematical tools for boundary value problems, IIT Khargpur	Mr. A. B. Patil	9 Mar 2020
FDP	Python 3.4.3	Mrs. S P Diwan	May 2020
FDP	DRUPAL	Mrs. S P Diwan	May 2020
FDP	Moodle: Learning Management System	Mrs. S P Diwan	May 2020
FDP	Recent Trends in Electrical Engineering	Mrs. S P Diwan	May 2020
FDP	A comprehensive Introduction to IOT Design	Dr. R. P. Hasabe	15-19 July 2019
FDP	Python 3.4.3	Dr. R. P. Hasabe	02/05/2020
FDP	DRUPAL	Dr. R. P. Hasabe	09/05/2020
FDP	Research Opportunities in Electrical Engineering	Dr. R. P. Hasabe	16/05/2020
FDP	Two Weeks FDP on Paradigm Shift In Higher Education	Dr. R. P. Hasabe	12/06/2020
FDP	Power Converters for E-Mobility	Mr. S. S. Karvekar	6th -10th Jan 2020
FDP	One Week Industry Oriented Training on PLC and SCADA using Total Integrated Automation	Mr. S. S. Karvekar	1st to 5th Feb 2020
Industrial Training	One week In-plant Industrial Training on Power Plant Familiarization	Mr. S. S. Karvekar	2nd to 6th March 2020
Mechanical Engineering Department			
Digital Transformation in Teaching Learning Process	TEQIP-III Course (STTP)	Mr. P. A. Mane, Mr. R. M. Chanmanwar, Mr. A. S. Bhandare, Mr. S. D. Jagtap, Dr. K. H. Inamdar, Dr. S. U. Sapkal, Dr. S. V. Gaikwad, Dr. M. M. Khot J. M. Dabir P.D. Maskar, Mr. V. V. Dhende, Mr. A. B. Admuthe	6th-22nd April, 2020
MaTPO COVID-19 Awareness Program	Awareness Program	Mr. S. M. Arali	24th April, 2020
COVID-19 Awareness Online Quiz	Quiz	Mr. S. M. Arali, Mr. V. V. Dhende, Dr. K. H. Inamdar, Dr. S. V. Gaikwad, P.D. Maskar, Mr. V. V. Dhende, A. B. Admuthe	30th April, 2020

Spoken Tutorial Technology	Faculty Development Program	Mr. S. M. Arali	03rd -09th May, 2020
NBA accreditation and Outcome Based Education (OBE)	Faculty Awareness Program	Mr. S. M. Arali	4th May, 2020
Intellectual Property Rights Process	Webinar	Mr. A. S. Bhandare, Mr. S. M. Arali, P.D. Maskar, Mr. V. V. Dhende, Miss. N. S. Nagmoti&Mr. G. R. Undale	22nd May, 2020
Basics of AI and Machine Learning & a Few Real Life Examples	Webinar	Mr. A. S. Bhandare, Mr. S. M. Arali, Mr. V. V. Dhende, Miss. N. S. Nagmoti&Mr. G. R. Undale	23rd May, 2020
Impact on Youth before & after COVID-19	Webinar	Mr. A. S. Bhandare	25th May, 2020
How to Balance Academics and Administrative Work	Training Program	Mr. A. S. Bhandare, Mr. S. M. Arali, P.D. Maskar	25th May, 2020
Promoting Quality Culture in Technical Institutions	Faculty Development Program	Mr. D. B. Pawar	25th-29thMay, 2020
Python3.4.3	Faculty Development Program	Mr. S. M. Arali, Mr. V. V. Dhende, Miss. N. S. Nagmoti&Mr. G. R. Undale, P.D. Maskar	25th - 30thMay, 2020
Life Cycle Analysis for Sustainability	TEQIP-III Online Short-Term Training Program	Mr. A. S. Bhandare, Mr. S. M. Arali, P.D. Maskar, Mr. V. V. Dhende, Miss. N. S. Nagmoti&Mr. G. R. Undale	27th-31stMay, 2020
Career Prospects in Mechanical Engineering after Covid -19	Webinar	Mr. S. M. Arali	30thMay, 2020
Problem Based Learning	Faculty Development Program	Mr. S. M. Arali	1st-5thJune, 2020
Recent Advances in Modeling and Optimization Techniques	ISTE approved Faculty Orientation Program	Mr. S. M. Arali	1st-5thJune, 2020
Renewable Energy, Vibration, Contact Management Strategies,	Webinar	Mr. S. M. Arali, Miss. N. S. Nagmoti&Mr. G. R. Undale	4thJune, 2020
Biodiversity	Webinar	Mr. S. M. Arali	5thJune, 2020
Emotional Health in Corona Pandemic	Webinar	Mr. S. M. Arali, P.D. Maskar	5thJune, 2020
Vibration Control of Rotating Machines	STTP	Mr. S. M. Arali, P.D. Maskar, Miss. N. S. Nagmoti&Mr. G. R. Undale	8th-12thJune, 2020
Manufacturing Practices and Industry 4.0	TEQIP-III Short-Term	Mr. D. B. Pawar, Mr. S.	8th-12thJune,

	Training Program	M. Arali	2020
Stepping towards Problem and Project Based Learning for Academic Excellence	Faculty Development Program	Mr. S. M. Arali	9th-13thJune, 2020
FLOWNEX, Thermodynamic Design, Modeling, Simulation, Analysis & Optimization Software	Webinar	Mr. S. M. Arali, Mr. G. R. Undale	10thJune, 2020
Outcome Based Education, NBA Approach	Workshop	Mr. S. M. Arali	11th-12thJune, 2020
5S Methodology for Lean Manufacturing	Webinar	Mr. D. B. Pawar	20thJune, 2020
Fluid Mechanics	Quiz	Mr. S. M. Arali	22ndJune, 2020
Thermal Engineering	Quiz	Mr. S. M. Arali	22ndJune, 2020
Transformation in Engine Technology (BSIV to BSVI) & Electric Vehicle	Faculty Development Program	Mr. S. M. Arali	22nd-27thJune, 2020
Quiz on COVID-19 AWARENESS	quiz	Dr. K. H. Inamdar	
Developing Thinking Abilities Relevant for Engineering Education	Webinar	Dr. S. U Sapkal	April 28, 2020.
"LATEX"	One week Online FDP	Dr. S. U Sapkal	May 11-15, 2020.
Open Source Tools for Research	One week Online FDP	Dr. S. U Sapkal	June 8-14, 2020
Mendeley	Training Course	Dr. S. U Sapkal	June 14, 2020
Importance of Association with Professional Societies for Outcome-Based Education	webinar	Dr. S. U Sapkal	April 30, 2020.
Research Methodology Tools & Techniques	One week Online FDP	Dr. M. M. Khot	May 18-22, 2020
Outcome Based Education and Accreditation	One week Online FDP	Dr. M. M. Khot	May 25-29, 2020
Effective and Efficient Online Teaching in the Age of Corona	Workshop	J. M. Dabir, Mr. A. B. Admuthe	May23, 2020.
Outcome Based Education Software	Webinar	J. M. Dabir	June 04, 2020.
Introduction to Machine Learning	Quiz Competition	J. M. Dabir	May 29, 2020.
Engineering Education & the Industry: A Post COVID-19 Perspective	One week Online FDP	J. M. Dabir	June 1-5, 2020.
Moodle: Learning Management System (LMS)	One week Online FDP	J. M. Dabir	May 13-17, 2020
Recent Advances In Mechanical Engineering	TEQIP-III sponsored one week online FDP	B. N. Naik	June 8- 13, 2020
Robotics	Webinar	P.D. Maskar, Miss. N. S. Nagmoti&Mr. G. R. Undale	June 1, 2020.
Acoustics Engineering - An Effective Use of Sounds & Vibrations	Online FDP	P.D. Maskar	May 27-29, 2020
Kavach – Sanitization Tunnel	Participated	Mr. S. D. Jagtap	April 2020
Sanitization Sprayer	Participated	Mr. S. D. Jagtap	April 2020

Automatic Fogger	Participated	Mr. S. D. Jagtap	April 2020
NBA accreditation and Outcome Based Education (OBE)	Quiz	Mr. V. V. Dhende	May 19,2020
self-paced training course on Matlab Onramp	training course	Miss. N. S. Nagmoti	May 13, 2020
Global online Proficiency Improvement Program (oPIP) on “vehicle dynamics and control with MATLAB”	Global online Proficiency Improvement Program	Miss. N. S. Nagmoti	May 12 - 17, 2020
How to Balance Academics and Administrative Work	webinar	Miss. N. S. Nagmoti&Mr. G. R. Undale	May 25, 2020.
Biodiversity	webinar	Miss. N. S. Nagmoti&Mr. G. R. Undale	June 5, 2020
Emotional Health in Corona Pandemic	webinar	Miss. N. S. Nagmoti&Mr. G. R. Undale	June 5, 2020
Material, Design and Testing Webinar Series	webinar	Mr. S. M. Arali, Miss. N. S. Nagmoti&Mr. G. R. Undale, P.D. Maskar	June 6-12, 2020.
Noise, Vibration and Harshness	webinar	Miss. N. S. Nagmoti&Mr. G. R. Undale, P.D. Maskar,	June 11-15, 2020
Engineering Education & the Industry: A post COVID 19 perspective	webinar	Miss. N. S. Nagmoti, J. M. Dabir	June 1 – 5, 2020
Product Design & Novelty	FDP	Miss. N. S. Nagmoti&Mr. G. R. Undale	June 6-10, 2020
How to write Research Manuscript: Current Protocols	webinar	Miss. N. S. Nagmoti&Mr. G. R. Undale	June 10, 2020
Future Materials: Nanocomposites	FDP	Miss. N. S. Nagmoti	June 15- 21, 2020
Biodiversity of Maharashtra	webinar	Miss. N. S. Nagmoti&Mr. G. R. Undale	05th June 2020
Sustainable Development for Atmanirbhar Bharat	webinar	Miss. N. S. Nagmoti	06th June 2020
Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes	FDP	Mr. G. R. Undale	June 6 -12, 2020.
AutoCAD 2D Basics	webinar	Mr. G. R. Undale	June 12-16, 2020
Practical course and guidelines on Uncertainty of Measurement	Distance learning program	Mr. A. B. Admuthe	May 25, 2020
Students Psychology		Mr. A. B. Admuthe	
Industrial Internet Of Things (IIOT)	webinar	Miss. N. S. Nagmoti&Mr. G. R. Undale	25th June, 2020
“Emerging Processes in Product Design and Development”	webinar	Mr. S. U. Sapkal, Miss. N. S. Nagmoti&Mr. G. R. Undale, Mr. J. M. Dabir	April 30, 2020
“ Low frequency NVH Fundamentals and industrial applications”	webinar	Mr. S. U. Sapkal, Miss. N. S. Nagmoti&Mr. G.	14 May, 2020

		R. Undale, Mr. J. M. Dabir	
"Integrated systems and innovation in defense"	webinar	Mr. S. U. Sapkal, Miss. N. S. Nagmoti & Mr. G. R. Undale, Mr. J. M. Dabir	21 May, 2020
"Rural eco system: Gold mine of opportunities for students to make a mark"	webinar	Mr. S. U. Sapkal	28 May, 2020
"Transforming Infrastructure industry" Opportunities for students of all streams"	webinar	Mr. S. U. Sapkal	4 June, 2020
"Create your future through impactful Project"	webinar	Mr. S. U. Sapkal	11 June, 2020
"Professional outlook necessary to make your Project 'attract industry attention'"	webinar	Mr. S. U. Sapkal	13 June, 2020
"Applications of AI and ML in core engineering streams"	webinar	Mr. S. U. Sapkal	25 June, 2020
"Launching new product in 100 days from concepts to manufacturing"	webinar	Mr. S. U. Sapkal	18 June, 2020
Computer Science and Engineering Department			
FDP	Advances in IoT	Mr. A.R. Surve	29/5-2/6/2020
FDP	Spoken Tutorial on R Programming IIT B	Mr. A.R. Surve	27/04/2020 – 02/05/2020
FDP	Spoken Tutorial on Python	Mr. A.R. Surve	18/5/2020-23/5/2020
FDP	Artificial Intelligence	Mr. A.R. Surve	22/5/2020 - 26/5/2020
FDP	Spoken Tutorial on Arduino organized by Ramdevbaba college of engg., Nagpur	Mr. A.R. Surve	20/5/2020-24/5/2020
FDP	Data Science organized by FCRC, Mumbai	Mr. A.R. Surve	26-30/5
FDP	FDP on "Advances in IoT", Mumbai	Mr. A.R. Surve	29/5 to 2/6, 2020
FDP	FDP, Spoken Tutorial on Java, organized by APCOE, Pune	Mr. A.R. Surve	26-30/5, 2020
FDP	FDP spoken Tutorial on "Latex"	Mr. A.R. Surve	29-30/5, 2020
STTP	STTP, "IoT and its applications in industry", RAIT, Navi Mumbai	Mr. A.R. Surve	8-12/6, 2020
FDP	FDP, spoken Tutorial's "Python", K. J. Somaiya Mumbai,	Mr. A.R. Surve	15-22/6, 2020
FDP	FDP, Spoken Tutorial on 'scilab' held by Amrutvahini, Nashik	Mr. A.R. Surve	12-16/6, 2020
FDP	Five Days Webinar series, "Ins and Outs of Project Planning and Development", SAKE Mumbai	Mr. A.R. Surve	30/6 to 4/7 2020

STTP	STTP, 5days, "recent trends and applications in ML DL algorithms in IT", RAIT Nerul, DYP	Mr. A.R. Surve	25/05/ 2020-29/05/ 2020
FDP Participation	OBE FDP in CSE Dept WCE	Mr. A.R. Surve	25/06/ 2020
FDP	One week FDP on "GEO-SCIENCE IN ENGINEERING (GiE'20)"	Mr. M.K.Chavan	9/06/2020 – 13/6/ 2020
Latest NBA Accreditation Processes	Webex Delivery of lecture for two Week FDP Paradigm Shift in HEI	Dr. P J Kulkarni	4/6/ 2020
Participation	OBE FDP in CSE Dept WCE	Dr. P J Kulkarni	25/06/2020
Webinar Delivered	One Week FDP on Machine Learning and Applications	Dr. P J Kulkarni	14/07/ 2020
FDP Participation	"Outcome based Education" FDP in CSE dept WCE	Mr. S. L. Mahadeshwar	25/06/ 2020
FDP (1 Week)	One week FDP on "R Language" organized by PVPPCOE in association with IIT Bombay spoken tutorial	Mr.S.L.Mahadeshwar	27/04/2020 – 02/05/2020
FDP	NVIDIA Platform Collaborative Workshop	Kiran P. Kamble	15/07/2020
FDP	Data Science using python	Ms. A.V. Terkhedkar	2/05/2020 to 3/06/2020
FDP	Reinforcement Learning	Ms. A.V. Terkhedkar	2/05/2020 to 3/06/2020
FDP	Industry 4.0 Data Analytics, Distrutive Technologies	Ms. A.V. Terkhedkar	26/05/ 2020 to 31/05/2020
FDP	Python 3.4.3	Ms. A.V. Terkhedkar	25/05/2020 to 30/05/2020
FDP	FDP: Industry 4.0, Data analytics and Disruptive technology	Ms. P. D. Mundada	26/05/2020-31/05/2020
FDP	Block chain technology	Ms.P.D.Mundada	42/2/2020-20/2/2020
FDP	Advances in IoT	Ms.P.D.Mundada	29/5/2020-2/6/2020
FDP Participation	"Outcome based Education" FDP in CSE dept WCE	Ms.P.D.Mundada	25/06/2020
FDP Participation	OBE FDP in CSE Dept WCE	Ms. N. L. Mudegol	25/06/2020
FDP Participation	Webinar for FDP on "Outcome Based Education Software"	Ms. N. L. Mudegol	4/07/2020
FDP (1 Weeks)	One week FDP on "Machine Learning and	Ms. N. L. Mudegol	16/05/2020 – 20/05/ 2020

	Deep Learning Applications in Engineering and Science" Organized by GCE Karad		
FDP	5 days National Online Faculty Development Program on ""Artificial Intelligence"" "	Ms.A.S.Pawar	25/05/2020 to 26/05/2020
FDP	4 Days Faculty Development Program on "Machine Learning & Application Areas"	Ms.A.S.Pawar	07/07/2020 to 10/07/2020
FDP	"Outcome based Education" FDP in CSE dept WCE	Ms.A.S.Pawar	25/06/ 2020
FDP	Webinar for FDP on "Outcome Based Education Software"	Ms.A.S.Pawar	4/07/2020
FDP	1 Week Online Faculty Development Program on 'Advances in Internet of Things'	Mr. S. S. Sontakke	29/05/2020to 2/06/2020
FDP	5 days National Online Faculty Development Program on "Artificial Intelligence"	Mr. S. S. Sontakke	6/04/2020-22/04/2020
FDP	4 Days Faculty Development Program on "Machine Learning & Application Areas"	Mr. S. S. Sontakke	7/06/2020-10/06/2020
FDP (1 Week)	One week FDP on Python	Mr.S.D.Pujari	11/05/2020 to 15/05/2020
FDP Participation	OBE FDP in CSE Dept WCE	Mr. S.D.Pujari	25/06/2020
FDP Participation	Webinar for FDP on "Outcome Based Education Software"	Mr. S.D.Pujari	4/07/2020
FDP (2 Weeks)	Two weeks FDP on LaTeX conducted by GCEM in association with IITB-ST	Ms A.T.Umrani	17/04/2020-30/04/2020
FDP (1 Weeks)	One Week FDP on "Overcoming Challees in adapting online technology in teaching learning	Ms A.T. Umrani	6/05/2020 - 11/05/ 2020
FDP (1 Week)	FDP Machine Learning and Application-KIT Kolhapur	Ms A T Umrani	14/07/2020-19/07/2020
FDP (1 Week)	One week FDP on PHP and MYSQL	Ms. S. S. Rokade	8/05/2020 to 13/05/2020

FDP (1 Week)	One Week FDP on python	Ms. S.S .Rokade	11/05/2020to 15/05/2020
FDP (2 Weeks)	Two weeks faculty development program on Latex	Ms. S.S.Rokade	17/04/2020 to 30/04/2020
FDP Participation	2 Days FDP on Cyber Security and Malware Analysis	Ms. S.S.Rokade	26/05/20 – 27/05/2020
FDP	OBE FDP in CSE Dept WCE	Ms. S. S. Rokade	25/06/ 2020
FDP	Webinar for FDP on "Outcome Based Education Software"	Ms. S. S. Rokade	4/07/2020
FDP Participation	4 days FDP on "Machine Learning and Application Areas"	Ms A. A. Kale	7/07/2020 to 10/07/2020
FDP (2 Weeks)	Two weeks faculty development program on Latex	Ms A. A. Kale	17/04/2020 to 30/04/2020
FDP (1 Week)	One-Week Online Faculty Development Program on R Programming	Ms A. A. Kale	27/04/2020 to 2/05/2020
Information Technology Department			
R Programming	FDP	U. B. Chavan	27th Apr- 2nd May 2020
PHP and MySQL	FDP	A. M. Khot	8th May- 13th May 2020
PHP and MySQL	FDP	V. A. Kamble	8th May- 13th May 2020
PHP and MySQL	FDP	B. S. Shetty	8th May- 13th May 2020
Swift (ios) Programming Language	FDP	T. A. Mulla	12th-16th May 2020
Examination Reforms	FDP	Dr. S. P. Sonavane	22nd-25th April 2020
Outcome based Education Software	FDP	A. D. Shinde	04th June 2020
Engineering Education & the Industry: A Post COVID-19 Perspective	FDP	Dr. A. J. Umbarkar	1st-5th June 2020
Augmented Reality (AR)/ Virtual Reality (VR)	Online FDP	T. A. Mulla	16th-20th June 2020
Cyber Security and Cyber Law	Online FDP	Dr. D. B. Kulkarni	30th Jun-4th July 2020
Recent Trends in Data Science	FDP	U. B. Chavan	01st-05th July 2020
Machine Learning and Application Areas	FDP	U. B. Chavan	7th-10th June 2020
MANAGING ONLINE CLASSES and CO-CREATING MOOCS	FDP	Dr. P. K. Kharat	20th April to 6th May 2020
RECENT ADVANCES IN AUTOMATION AND NETWORKING	FDP	Dr. P. K. Kharat	18th to 20th June 2020
Moodle Learning Management System	FDP	Dr. P. K. Kharat	13th to 17th May 2020
Arduino	FDP	Dr. P. K. Kharat	28th April to 4th May 2020

Advances in Internet Of Things	FDP	Dr. P. K. Kharat	29th May to 2nd June 2020
AICTE Examination Reforms	FDP	Dr. P. K. Kharat	22nd-25th April 2020
Outcome based Education: A Step towards Excellence	FDP	Dr. R. R. Rathod	11th-15th May 2020
Exploring Research Topics & Techniques of Technical Writing	FDP	Miss. A. M. Khot Miss. A. D. Shinde	25th – 29th December, 2019
Digital Transformation in Teaching learning Process	Workshop (2 Week)	Dr. S. P. Sonavane	6th Apr- 22nd Apr 2020
Digital Transformation in Teaching learning Process	Workshop (2 Week)	A. M. Khot	6th Apr- 22nd Apr 2020
Digital Transformation in Teaching learning Process	Workshop (2 Week)	A. A. Urunkar	6th Apr- 22nd Apr 2020
Intellectual Property Rights	Workshop	A. D. Shinde	10th-11th Apr 2020
Journal Citation Reports Certification	Workshop	Dr. S. P. Sonavane	3rd June 2020
Publons Academy Practical Peer Review course	Workshop	Dr. S. P. Sonavane	29th May 2020
Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop	Workshop	Dr. D. B. Kulkarni	24th May 2020
Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop	Workshop	A. M. Khot	24th May 2020
NPTEL online certification course on "Deep Learning"	Workshop (12 Week)	M. B. Narnaware	Jan-Apr 2020
Artificial Intelligence	Workshop	U. B. Chavan	22nd-26th May 2020
Recent Trends and Applications of Machine Learning and Deep Learning in IT	Workshop	U. B. Chavan	25th- 29th May 2020
Technical Writing and Publishing	Online workshop	Miss. A. M. Khot	7th April 2020
Python Basics, Machine Learning and Blockchain	Workshop	U. B. Chavan	8th - 13th June 2020
One day workshop on Software Testing : A Practical Approach	Workshop	Miss, A. M. Khot	5th Oct 2019
TEQIP NPIU Digital Transformation in Teaching Learning Process	Workshop (2 Week)	Dr. P. K. Kharat	6th Apr- 22nd Apr 2020
Department of English			
TEQIP NPIU Digital Transformation in Teaching Learning Process	Workshop (2 Week)	Anushri Kulkarni	6 th to 22 nd Apr 2020
FDP on Interdisciplinary Approach of Science & Technology : Art of Human welfare	Two days FDP		20 th & 21 st April, 2020
Infosys Campus Connect	Webinar Series on Soft Skills		29 th June to 3 rd July, 2020

4.1.4 Guest Lecture Delivered by faculty

Name of Faculty	Place	Subject	Date of Lecture
Dr. V. B. Dharmadhikari	Rajlaxmi College of Engineering, Chennai	Delivered inauguration lecture for one week FDP about NBA on the topic "Accreditation and Self-Assessment Report" for	27 th July 2020
	WCE, Sangli	Training to TEQIP staff for using online tools for conferencing	26 th March 2020
Mr. S. G. Tamhankar	WCE, Sangli	Guest Speaker for AICTE Sponsored, One Week workshop on "Digital Transformation & Pedagogies" organized by WCE, Sangli	14 th Aug 2020
Mr. S. K. parchandekar	Department of Electronics Engineering, PVPIT, Budhgaon	Microwave Engineering	March 2019
Mr. R. G. Mevekari	Department of Electronics Engineering, PVPIT, Budhgaon	VHDL Design	March 2019
Ms. S. U. Patil	Department of Computer Science and Engg., WCE, Sangli	Applications of Transforms in Image Processing	18 th Feb 2020
Ms. S. U. Patil	Department of Electronics Engineering, PVPIT, Budhgaon	Fundamentals of Acoustics in Video Engineering	8 th Nov 2019
Ms. S. U. Patil	Industrial Electronics Department (PW), WCE, Sangli	Product Design with IoT	8 th March 2020
Dr. V. B. Dharmadhikari	SSPM Engineering, Sindhudurga	Micro controller and Embedded Programming	23-Mar-17
Dr. Mrs. S. Subbaraman	SGGS Nanded	NBA Guidelines	Aug-17
	Polytechnique College, Palus	NBA Guidelines	Sep-17
	KIT Kolhapur	NBA Guidelines	Sep-17
	Polytechnique College, Palus	Teachers Day	5-Sep-17
	DKTE Textile Institute, Ichalkaranji	"Advance Signal, Image and Video Processing on FPGA"-CORDIC Processor	26 - 30 June 2017
	NPIU on OBE at Delhi	NPIU on OBE at Delhi	Feb. 2018
	Odisha	OBE and NBA orientation program at Odisha	Feb. 22-26, 2018
	Jabalpur, M P.	OBE and NBA orientation program at Jabalpur, M P.	7-8 Mar 2018
	Dharmasha, H. P.	OBE and NBA orientation program at Dharmasha, H. P.	7-18 Mar 2018
	Bhopal	OBE and NBA orientation program at RGTU, Bhopal	26-29 Apr 2018
	KLE College, Chikodi	Expert lectures on "High Speed Digital Design Challenges"	10 Mar 2018
Mr. R. G. Mevekari	SBGI, Miraj	Transducers and Measurement	9-Sep-17
Mr. S K Parchandekar	PVPIT, Budhgaon, Sangli	Electromagnetic engg	19-Sep-17

Dr. B. G. Patil	Pandharpur college of Engg, Pandharapur.	Analog Communication- Frequency Modulation	23-Sep-17
Dr. S N kore	Pandharpur college of Engg, Pandharapur.	Random Signal Processing	23-Sep-17
Dr.Mrs. M. M. Patil	Sanjay Ghodavat University, Kolhapur, sponsored by the Ministry of Electronics & IT, Government of India	Writing a Research Proposal and Finding Funding Agencies	10 Jan 2020
K.V.Madhale	Wanlesswadi Highschool & Jr. College, Wanlesswadi, Sangli	Opportunities after 12 th standard	08/02/2020
K.V.Madhale	Bhave Natya Gruh, Sangli	Engineering Admission Process	16/02/2020
B.N.Jamadar	Guruvarya Dadoji Kondadev Saniki Shala Tasgaon, Dist. Sangli.	Semiconductor Physics and Communication Systems	17/12/2019 & 18/12/2019
Dr. S. N. Tande,	PVPIT Budhgaon	"Finite Element Analysis for PG students	7 March2020
Dr. S. N. Tande,	PVPIT Budhgaon	"Modelling and Analysis of structures" for FDP on "Role of Civil Engineering in mitigating Post Covid-19 Challenges" organized by Department of Civil Engineering, PVPIT, Budhagaon,	20-24 July 2020
Dr. S. N. Tande	WCE, Sangli, under TEQIP- III,	"Modeling techniques for seismic analysis and design of RC buildings" for one week workshop on "Seismic analysis of multistoried RC building using SAP2000 & ETAB" organized by Department of Civil Engineering, WCE, Sangli, under TEQIP- III,	22-26 July 2020
Dr.C.B.Pol	JEC Jabalpur	Delivered lecture on Structural Health Monitoring for M. Tech Students at JEC, Jabalpur.	13-01-2020
Dr.Prachi Sohani	COEP, Pune	Resource person for a five day webinar on "Formwork Design Aspects and Construction Safety" organized by COEP during	22-26 May 2020
Dr.S.B.Kadam	VJTI Mumbai	"Structural Assessment of Existing Railway Bridges under current and Hi-speed train Loading using SHM techniques	02-06-2020
Dr.S.B.Kadam	PVPIT Budhgaon	Seismic Behavior of masonry building and ductile detailing.	19-10-2019
Dr.S.B.Kadam	WCE, Sangli, under TEQIP- III,	"Structural Assessment of Existing Railway Bridges under current and Hi-speed train Loading using SHM techniques" for one week workshop on "Seismic analysis of multistoried RC building using SAP2000 & ETAB" organized by Department of Civil	22-26 July 2020

		Engineering, WCE, Sangli, under TEQIP- III,	
Prof. A. B. Admuthe	SIT, Yadrav	Recent trends in Metallurgy	15 th October 2019
Prof. A. U. Paranjpe	SIT, Yadrav	Recent trends in Automobile Engineering	15 th October 2019
Prof. S. M. Ranade	SGGI, Atigre	Refrigeration	18 th September 2019
Prof. S. U. Sapkal	AICTE & TEQIP-III sponsored one week STTP on “Mathematical Modelling and Numerical Techniques”, organized by Dr. BATU Lonere at Ashokrao Mane Group of Institutions, Vadgaon, Kolhapur	Optimization Methods for Manufacturing Scheduling	9 th – 13 th December 2019
Dr.M.M. Khot	AICTE & TEQIP-III sponsored one week STTP on “Mathematical Modelling and Numerical Techniques”, organized by Dr. BATU Lonere at Ashokrao Mane Group of Institutions, Vadgaon, Kolhapur	Optimisation Techniques and Awareness in Research	1 st January 2020
Dr. D. S. More	Sanjay Ghodawat Poly-technique Atigre	Modern trends in Wind Energy system	21/12/2019
Dr. D. S. More	SBGI Miraj	DC Motors	14/02/2020
Mr. S. S. Karvekar	PVPIT Budhgaon	Arduino Applications for Projects	3 rd October 2019
Dr N.L.Gavankar	Nanded	Emerging Trends In Computer Science,Communication And Information Technology	28/12/ 2019
Dr P.J.Kulkarni	Kolhapur	Webinar Delivary On Cnn	17 /05/ 2020
Dr P.J.Kulkarni	Kolhapur	Paradigm Shift In Hei	4 /06/2020
Dr. P J Kulkarni	Rit Islampur	“Introducton Convolution Neural Networks (Webinar)”	4 /06/2020
Dr. P .J. Kulkarni	Kit College Kolhapur	“Regression In Machine Learning With Case Examples (Webinar)”	7 /07/ 2020
Dr P.J.Kulkarni	Kolhapur	Machine Learning And Application	14 /07/2020
Dr. P. J. Kulkarni	D Y Patil Institute Pune	“Appriasing On Nba New Norms (Webinar)”	15/07/ 2020

4.2 Number of Students from Reservation Categories

F.Y.B.Tech 2019-20, Category- Wise Male,Femal Admission DATA																	
Branch	OPEN		SC		ST		DT/VJ		NT		OBC		SBC		SEBC		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Civil Engineering	14	7	6	2	2	0	1	1	3	1	9	4	2	2	14	4	72
Computer Science and Engineering	34	9	8	3	4	2	1	1	7	2	15	6	0	2	10	6	110
Information Technology	19	1	3	5	2	1	1	0	4	2	12	6	3	0	7	5	71
Electrical Engineering	19	6	5	2	3	1	2	0	4	2	10	5	0	0	4	7	70
Mechanical Engineering	16	4	6	4	3	1	1	1	4	1	11	5	1	2	9	2	71
Electronics Engineering	14	13	3	2	2	0	1	1	2	3	12	2	1	0	11	3	70
Total	116	40	31	18	16	5	7	4	24	11	69	28	7	6	55	27	464

F.Y.M.Tech 2019-20, Category- Wise Male,Femal Admission DATA																	
Branch	OPEN		SC		ST		DT/VJ		NT		OBC		SBC		SEBC		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Computer Science and Engineering	2	6	2	0	0	0	0	0	2	0	2	3	0	0	0	2	19
Computer Science and Information Technology	0	1	0	2	0	0	0	0	0	0	1	0	0	0	0	0	4
Electronics Engineering	3	7	1	2	0	0	0	0	0	1	1	1	0	0	0	1	17
Civil - Structural Engineering	10	1	3	1	0	0	1	0	2	0	8	3	0	0	1	2	32
Civil - Environmental Engineering	5	5	2	2	0	0	0	0	0	1	0	0	0	0	2	0	17
Electrical - Power System Engineering	0	2	1	3	0	0	0	0	2	1	2	0	0	0	1	1	13
Electrical - Control System Engineering	2	1	2	1	0	0	0	0	0	0	1	2	1	1	0	0	11
Mechanical - Heat Power Engineering	6	0	2	0	0	0	0	0	1	0	1	0	0	0	1	0	11
Mechanical - Production Engineering	10	2	3	2	0	0	0	0	1	0	1	1	0	0	0	0	20
Mechanical - Design Engineering	12	0	3	0	0	0	0	0	1	1	6	0	4	0	2	1	30
Total	50	25	19	13	0	0	1	0	9	4	23	10	5	1	7	7	174

4.3 Interaction with outside world

4.3.1 Industrial Visits

Place of Industrial Visit	Coordinator of Industrial Visit	Total Participants	Date of Visit
Banglore-Mysore	Dr.Mrs.S.S.Deshpande Mr. R. G. Mevekari Mr. S. K. Parchandekar Mr. S. N. Nitave	54	13 th to 18 th Jan 2019
Power house at Almatti Dam Karnataka State	K.V.Madhale	65 F.Y.B.Tech Mechanical Students	8 Feb 2020
Visit At Koyna Dam	Mr.C.h.Wagh	70	17-01-2020
Visit At kudachi and Gokak	Dr.Prachi Sohani	35	01-11-2019
Visit At Constro civil Engineering Exibtion	Mr.Anmol Magdum	08	20-02-2020
Visit to Ushakal-Abhinav Multispecialty hospital at Sangli.	Mr. Balaji Sawant & Mr. Atul Patane	35 (For M.Tech Structure Students)	11-11-2019
Visit to Kudachi Steel Bridge	Dr.R.S.Desai	35 (For M.Tech Structure Students)	29-09-2019
Koyna Power Station, Koyananagar, Pophali	Prof. Dr. B. S. Gawali, Prof. Dr. S. N. Kore	B. Tech. Mechanical 55 Students and 2 Faculty	15 th March 2019
Shree Dattatray Industries, MIDC, Miraj Bhaba Engineering Pvt. Ltd., Miraj	Dr. A. P. Deokule , Dr. K. H. Inamdar	F. Y. M. Tech. (Production) & M2, M4, M5 Batch Students & 1 Faculty	5 th April 2019
Wires Formers Pvt. Ltd. MIDC Kupwad.	Prof. J. M. Dabir	Final year mechanical students and 1 Faculty	26 th July 2019
Sangli Aluminium Extrusion Pvt. Ltd. MIDC Kupwad.	Prof. J. M. Dabir	Final year mechanical students and 1 Faculty	27 th July 2019
HAL Nashik	Prof. Dr. B. S. Gawali, Prof. Dr. R. K. Kulkarni	M. Tech. Mechanical HPE Students and 2 Faculty	28 th - 30 th July 2019
Rajdhani Refinery Pvt. Ltd. MIDC Kupwad.	Prof. J. M. Dabir	Final year mechanical students and 1 Faculty	2 nd August 2019
Dhanlaxmi Metals Pvt. Ltd. MIDC Kupwad.	Prof. J. M. Dabir	Final year mechanical	2 nd August 2019

		students and 1 Faculty	
Bharat re-rolling steel industries, Sangli Dhanlaxmi Metals Pvt. Ltd. Rajdhani Refinery Pvt. Ltd. MIDC Kupwad.	Prof. J. M. Dabir and Dr. A. M. Gadade	Final year Mechanical & 2 Faculty	4 th – 5 th October 2019
Yashshri Poly extrusion limited, Shirol	Prof. J. M. Dabir	Final year mechanical students and 1 Faculty	18 th October 2019
Ashish fibres	Dr. A. M. Gadade	F. Y. M. Tech. mechanical students and 1 Faculty	18 th October 2019
Ashish fibres	Prof. D. B. Pawar	F. Y. M. Tech. mechanical students and 1 Faculty	6 th November 2019
M/s. Pentair, Verna at Goa	Mr. S. V. Gaikwad, Dr. S. U. Sapkal, Mr. B. N. Naik	F. Y. M. Tech. Prod. Engg. Students and 1 Faculty	22 nd November 2019
Samrudhhi Plastics, Kupwad MIDC	Prof. D. B. Pawar	F. Y. M. Tech. Prod. Engg. Students and 1 Faculty	27 nd November 2019
Sangli Aluminium Extrusion Pvt. Ltd. MIDC Kupwad.	Prof. P. D. Maskar and Prof. A. S. Bhandare	F. Y. M. Tech. mechanical students and 2 Faculties	30 th November 2019
Takari lift irrigation system, Takari Sujata Engineering Associates, Palus	Prof. Dr. B. S. Gawali	Second year mechanical students and 4 Faculties	23 rd January 2020
HVDC Substation Padge	Mr. R. G. Datar & Dr. D. S. More	57	22/10/2019
Adani Thermal Power Station Dahanu	Mr. V.P. Mohale, Dr. R. P. Hasabe	30	2 nd to 6 th March 2020
One week In plant training at 33/11KV, Dhalgaon	Mr. S. S. Karvekar, Mr. V. P. Mohale, Dr. R. P. Hasabe	3	19 th to 23 rd Feb 2020
110/33/11 kV Substation, MahaTransco, Vishrambag, Sangli	Mr. V. P. Mohale, Mrs.A.S.Karvekar, Mr.	80	15 th Feb 2020

	R.G.Datar		
Isro, Thiruvananthapuram And Kudankulam Nuclear Power Plant, Kerala.	Mr. S.S.Sontakke	94	14/12/2019-22/12/ 2019
Infosys Training Centre, Mysuru And 3i Infotech, Bengaluru.	Mr. S.L.Mahadeshwar	71	22/01/2020-25/01/2020



Visit to Ushakal-Abhinav Multi speciality Hospital in Sangli. PG- Structural Engineering.



Visit to Multi-specialty Hospital in Sangli. –RMC Plant
PG- Structural Engineering.



Visit to Kudachi Railway Truss Type bridge .First Year M.Tech Structures Students



Visit to Kudachi Railway Truss Type bridge .First Year M.Tech Structures Students



Visit to Kudachi Railway Truss Type Bridge –To Study the Connection details.



Visit to Kudachi Railway Truss Type Bridge – To study the types of rails, Plate Girder Details.

4.4 TIFAC Details 2019-20:

Walchand college of Engineering has been selected for the implementation of the prestigious scheme of Rajiv Gandhi Science & Technology Commission (RGSTC) and Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science & Technology, Government of India for providing technical support to the micro small and medium enterprises (MSMEs) by leveraging the capabilities of students and faculty of engineering & technical institutions.

This ongoing scheme has enhanced the involvement of students and faculty of the college with industries. Through this scheme the students and faculty are providing technical support to the otherwise technologically deficient MSMEs. More importantly, such a process is able to nurture an innovation ecosystem which is benefiting both the MSMEs as well as the technical institutions.

The objectives of the scheme are:

- Creation of a platform for establishing interaction between academia and MSME industries on a mutually win-win basis
- Establishing a platform for the MSME cluster industries to access R&D and technical support leveraging the knowledge base of faculty and knowledgeable human resource in the form of students.
- Providing hands on engagement and practical experience to the students and faculty on existing technical challenges in the industry and,
- Nurturing an innovation ecosystem that benefits both the industry as well as the technical institution. The students are paid stipend for working on the industry problems under the scheme. "The scheme is successfully running for the session 2017-18. This scheme is already sanctioned for the session 2018-19"

For the advancement, propagation and promotion of applications of science and technology to the various problems faced by the society and to the developmental work, Government of Maharashtra has formed Rajiv Gandhi Science & Technology Commission.

UG students will get scholarship of Rs. 5000/- pm for Phase 1 Summer-Internship and further shortlisted students get Rs. 10000/- pm for phase 2 project.

RGSTC-TIFAC-MSME Internship Scheme for providing technical support to the Micro Small and Medium Enterprises

1st Stage Duration: 2 months

30 Students undergone internship in 13 MSMEs

2nd Stage: 07 students

Project Duration: 6 months

Total 3 projects selected

Details of Students and Industries for TIFAC Cycle 5 Phase 2 - Scheme 2019-20			
Sr. No.	Name	Industry Name	Project Name
1	Rushikesh Nalinkumar Yadgirikar	A plus electrical solution consultancy and training	Smart Hydroponic farming
2	Krishna Chittaranjan Kewat		
3	Nisarga Shital Tanksale		
4	Manali Narute	Digvijay Industries	Semi-Automatic Thalipeeth Making Machine
5	Mayuri Chinde		
6	Sudarshan Kale	Ephiphany Systems Pvt, Ltd	Health Monitoring of Old Railway Bridges
7	Suraj Yadav		



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

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

Academic

1. Bharati Vidyapeeth Deemed Uni., Medical College & Hospital, Sangli (01.01.2016)
2. Government Engineering College, Jabalpur (21.07.2017)
3. Dr. J.J. Magdum College of Engg, Jaysingpur (01.10.2018)
4. Mechanical Department, Jabalpur College of Engineering, Jabalpur (14.05.2019)
5. Adani Electricity Mumbai Limited, ADTPS, Tal: Dahanu, Dist: Palghar. (02.03.2020)

Industry:

1. Reliance Infrastructure Ltd., Dahanu (24.06.2016)
2. MSETCL/Mahatransco-Hatkanagale-(6.10.2016)
3. Reliance Infrastructure Ltd., Dahanu (24.06.2016)
4. Samruddhi TBI Foundation, Sangli (30.06.2017)
5. 3D PLM Software Solutions Ltd., Pune (28.07.2017)
6. Rath Tech services Pvt. Ltd., Pune (06.10.2018)
7. Geometric Limited , Mumbai (06/01/2017)
8. Danfoss Industries Pvt. Ltd. (24/03/2015)
9. Reliance Infrastructure Ltd., Dahanu (24.06.2016)
10. Mentor Graphics and applied Micro,Pune.(11.01.2015)
11. Infosys (Campus Connect) (June-2018)

5. DIPLOMA WING REPORT

5.1 Admission Details:

Course/ Year	Civil	Mechanical	Electrical	Ind. Eln.	Total
F.Y.	45	69	70	45	229
S.Y.	46	69	63	45	223
T.Y.	44	70	71	41	226
Total	135	208	204	131	678

5.2 Faculty Details:

Sr.	Name	Designation	Qualification	Exp. (in years)
1	Mr. Kulkarni Harshad Purushottam	Head of Department	M.E. (Civil)	24
2	Mr. Kadam Kashinath Shankar	Lecturer in Civil Engg. (Sl. Gr.)	B.E. (Civil)	33
3	Mr. Kulkarni Sunil Narayan	Lecturer in Civil Engg (Sl. Gr.)	M.E. (Civil)	33
4	Mr. Chikurde Sunil Vasant	Lecturer in Civil Engg (Sl. Gr.)	M.E. (Civil), PG DBM, PG DCS	24
5	Mr. Kamble Nitin Nivrutti	Lecturer in Civil Engg (Sl. Gr.)	M.E. (Civil)	24
6	Mr. Pophare Sanjiv Mahadeo	Lecturer in Applied Mechanics (Sr. Sc.)	M. Tech. (Structures)	22
7	Mr. Kamble Ashok Vishnu	I/c Head of Mech.. Dept	M.E. Mechanical	29
8	Mr. Urunkar Deepak Baburao	Lecturer in Mech. Engg (Sl. Gr.)	M.E. Mechanical	27
9	Mr. Anuse Bhargawaram Aganu	Lecturer in Mech. Engg. (Sl. Gr.)	M.E. Mechanical	27
10	Mr. Tikekar Hemant Narayan	Lecturer in Mech. Engg. (Sl. Gr.)	M.E. Mechanical	25
11	Mr. Rajendra Gangaram Bhosale	I/c. Vice Prcipal and Head of Elec. Department	B.E. (Elect)	36
12	Mr. Jaywant Yashwantrao Mane	Lecturer in Electrical Engg. (Sl. Gr.)	B.E. (Elect)	30
13	Mr. Adikrao Shamrao More	Lecturer in Electrical Engg. (Sl. Gr.)	M.E. (Elect)	29
14	Dr. Narayan Gangadhar Apte	Lecturer in Electrical Engg. (Sl. Gr.)	M.E.(Elect), Ph.D	24
15	Mr. Akshay Rajendra Bhosale	Lecturer in Electrical Engg.	M.Tech. (Elect)	10
16	Mr. Sushant Subhash Kamble	Lecturer in Electrical Engg.	M.Tech. (Elect)	06
17	Dr. Agashe Anil Anant	Lecturer in Electronics Engg. (Sel. Gr.)	M.E. (Eln.), Ph.D.	30
18	Mr. Patil Pradeep Bhausaheb	Lecturer in Electronics Engg. (Sel. Gr.)	M.E. (Eln.)	30
19	Dr. Sulakhe Vinayak Vishwanath	I/c Head of Eln. Department	M.E. (Eln.), Ph.D.	30
20	Mr. Narayankar Nitin Siddheshwar	Lecturer in Electronics Engg. (Sr. Scale)	M. Tech. (Eln.)	14
21	Mr. Chavan Sachin Ulhas	Lecturer in Electronics Engg.	M. Tech. (Eln.)	05
22	Mr. Agnihotri Hemant Ramchandra	Lecturer in Physics (Sel. Gr.)	M.Sc. Physics Dip. C.Sci.	33
23	Dr. Vhankhande Balasaheb Bhimarao	Lecturer in Physics (Sel. Gr.)	M.Sc. Physics Ph.D.	20

5.3 Faculty Activity Details:

5.3.1 Consultancy works:

Sr.	Name of work & Client	Types of work	Consultancy Fees in Rs.	Consultants	Remark
1	Rajapur WS Scheme Rajapur MC Dist Ratnagiri	Technical Audit & Inspection	10000/-	S. N. Kulkarni & K.S. Kadam	Completed
2	Design of Waste Water Pipe Line for KMC client M M Kanase, Kolhapur	Design	12500/-	V D Salkar S. N. Kulkarni & K.S. Kadam	Completed

3	Waste Water Pipe Line for KMC	Technical Advice	14160/-	S. N. Kulkarni & K.S. Kadam	Completed
4	Upwale Water Tank, G P Upwale	Technical Advice	5000/-	S. N. Kulkarni & K.S. Kadam	Completed
5	CO Jaysingpur MC	Technical Audit & Inspection	11799/-	S. N. Kulkarni & K.S. Kadam	Completed
6	WS Scheme for Kolaki Dist, Satara	Technical Audit & Inspection	854730/-	S. N. Kulkarni & K.S. Kadam	Completed
7	WS Scheme for Randullabad, Dist Satara	Technical Audit & Inspection	51811/-	S. N. Kulkarni & K.S. Kadam	Completed
8	Consultancy Charges	Technical Audit & Inspection	2,03,334/-	R. G. Bhosale & Dr. N. G. Apte	Completed
9	Testing Charges	Technical Audit & Inspection	2,64,341/-	R. G. Bhosale & A. S. More	Completed
10	Pipe Testing	Testing and Certification	30000/-	Mr. A. V. kamble	Completed

5.3.2 Faculty pursuing Ph.D.

Sr. No.	Name of Faculty	Name of Guide/ Branch	Date of Registration/Univ.	Title of the Thesis
1	S. M. Pophare	Dr. S. H. Jadhav	Feb. 2015 Shivaji Univ. Kolhapur	Elasto-Plastic Behavior of doubly curved thin shells
2	S.V. Chikurde	Dr. V V. Karjini	Aug 2019 Shivaji Univ. Kolhapur	A study for developing IoT enabled solid waste management for smart city
3	N.N. Kamble	Dr. P.S. Patil	Aug. 2018 Shivaji Univ. Kolhapur	Investigation on stone dust stabilized block masonry using manufactured sand as fine aggregate in cement mortar.
4.	S. S. Kamble	Dr. Mulla S. A.	July 2017, Shivaji University	Shivaji University Kolhapur

5.4 Result Analysis of MSBTE Examinations:

Civil Engg.	Exam	Total	90+	Dist.	First	Second	ATKT	Fail	% Pass
First Year	W-2019	45	0	20	19	0	6	0	100
	S-2020	45	0	29	13	3	0	0	100
Second Year	W-2019	46	1	23	16	1	5	0	100
	S-2020	46	1	23	18	4	0	0	100
Third Year	W-2019	44	11	27	3	0	3	0	100
	S-2020	Due to COVID-19 Exam is Pending							

Elec Engg.	Exam	Total	90+	Dist.	First	Second	ATKT	Fail	% Pass
First Year	W-2019								
	S-2020								
Second Year	W-2019	63	25	26	2	1	8	1	100
	S-2020	63	25	26	2	1	8	1	100
Third Year	W-2019	70	35	31	0	0	4	0	100
	S-2020	Due to COVID-19 Exam is Pending							

Mech. Engg	Exam	Total	90+	Dist.	First	Second	ATKT	Fail	% Pass
First Year	W-2019	67	3	44	14	0	9	0	86.56
	S-2020	67	12	57	9	1	0	0	100
Second Year	W-2019	69	3	33	18	3	4	11	73.91
	S-2020	69	10	52	10	5	0	2	89.85
Third Year	W-2019	70	13	51	1	0	18	0	74.28
	S-2020	Due to COVID-19 Exam is Pending							

Ind. Eln.	Exam	Total	90+	Dist.	First	Second	ATKT	Fail	% Pass
First Year	W-2019	45	0	24	18	3	0	0	100
	S-2020	45	1	32	13	0	0	0	100
Second Year	W-2019	49	0	25	10	6	5	3	83.67
	S-2020	49	10	38	9	1	1	0	100
Third Year	W-2019	41	13	38	0	0	3	0	92.68
	S-2020	Due to COVID-19 Exam is Pending							

5.4.1 List of Toppers

Rank	FY S-20		SY – S-20		TY – W-19	
	Name	% Marks	Name	% Marks	Name	% Marks
Civil Engineering						
1	Dixit Ashish Vinayak	89.26	/Patil Prachi U	91.25	Mali Kunal C	95.10
2	/Shendge Gouri S	88.11	/Ankalkhope Samruddhi R.	87.75	Bhagat Rohan R	94.60
3	/Pendhari Khushi Jamir	86.95	/Bhute Pranita Prakash	86.63	/Tolmatti Shreya S	93.80
Mechanical Engineering						
1	More Aditya Sandeep	97.60	Jadhav Dhairyashil Vitthal	96.25	Kulkarni Prithish Prasad	93.62
2	Yadav Manali Subhash	95.33	Janawekar Omkar Ravindra	95.75	Bele Rohit Sanjay	93.33
3	Patil Chinmay Chetan	94.13	Jadhav Suraj Sandeep	95.25	Kumbhar Abhishek Prakash	93.24
Electrical Engineering						
1					Magdum Vijayalaxmi Ramesh	96
2					Sawant Shruti Shrikant	95.8
3					Mali Shubham Rajaram	95.4
Industrial Electronics						
1	Samruddhi Shamsundar Tandale	91.07	Arti Prakash Madawan	94.93	Pore Aditya Sandeep	96.11

2	Krutika Kasar	89.33	Aditi Hemant Patil	93.47	Shinde Nivedita Kakasaheb	95.33
3	Varad Vinayak Gadgil	89.20	Vaishnavi Ashutosh Wale	93.07	Pawar Sayali Kumar	94.89

5.5 A) Student Co-Curricular Activities: Civil Department

Sr No	Name of Student	Type of Competition/ Activity	Sponsoring Authority	Level	Venue	Date
1.	Shreya Sunil Tolmatti	TP-WDS	WCE,Sangli	State	WCE,Sangli	8 -12 July.2019
2.	Sakshi Satish Jadhav	TP-WDS	WCE,Sangli	State	WCE,Sangli	8 -12 July.2019
3.	Shruti Sanjay Kate	TP-WDS	WCE,Sangli	State	WCE,Sangli	8 - 12 July.2019
4.	Sakshi Santosh Petkar	TP-WDS	WCE,Sangli	State	WCE,Sangli	8 - 12 July.2019
5.	Vaishnavi Ligade	Wordexpo	ADCET, Ashta	State	Ashta	28 Sept.2019
6.	Sayli Shinde	Wordexpo	ADCET, Ashta	State	Ashta	28 Sept.2019
7.	Sayli Shinde	CADemia	ADCET, Ashta	State	Ashta	28 Sept.2019
8.	Avinash Patil	Electrovert 2019 Quizzical	WCE,Sangli	National	WCE,Sangli	5 - 6 Oct. 2019
9.	Aadya Kadam	Electrovert 2019 The Recruit	WCE,Sangli	National	WCE,Sangli	5 - 6 Oct.2019
10.	Samruddhi Ankamhope	Electrovert 2019 The Recruit	WCE,Sangli	National	WCE,Sangli	5 -6 Oct. 2019
11.	Anuksha Patil	Electrovert 2019 The Recruit	WCE,Sangli	National	WCE,Sangli	5 - 6 Oct. 2019
12.	Prachi Patil	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct.2019
13.	Maithili Pravin Pawar	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
14.	Avinash Patil	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
15.	Aadya Kadam	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
16.	Aditya Ughade	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
17.	Sayli Shinde	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 -13 Oct. 2019
18.	Rachana Patil	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
19.	Aishwarya Pawar	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
20.	Samruddhi Ankankhope	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
21.	Anuksha Patil	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 -13 Oct.2019
22.	Aniket Patil	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
23.	Aditya Kutte	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 -13 Oct.2019

24.	Aditya Latkar	Aakar 2019 CAD-it	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
25.	Prachi Patil	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 -13 Oct. 2019
26.	Maithili Pravin Pawar	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 -13 Oct. 2019
27.	Mansi Pol	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
28.	Avinash Patil	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 -13 Oct.2019
29.	Pranita Bhute	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
30.	Aadya Kadam	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
31.	Rachana Patil	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 - 13Oct. 2019
32.	Vaishnavi Ligade	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
33.	Samruddhi Dhadsun	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
34.	Aishwarya Pawar	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
35.	Samruddhi Ankankhope	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
36.	Anuksha Patil	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct.2019
37.	Snehal Patil	Aakar 2019 Cognizione	WCE,Sangli	National	WCE,Sangli	12 -13 Oct. 2019
38.	Maithili Pravin Pawar	Aakar 2019 Conspicio	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
39.	Avinash Patil	Aakar 2019 Topographiya	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
40.	Bhushan More	Aakar 2019 Topographiya	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
41.	Aditya Ughade	Aakar 2019 Topographiya	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct. 2019
42.	Vaishnavi Sadigale	Aakar 2019 Topographiya	WCE,Sangli	National	WCE,Sangli	12 - 13 Oct.2019
43.	Bhushan More	Technocrat2019U mang	WCE,Sangli	State	WCE,Sangli	12 – 13 Oct. 2019
44.	Pranita Jadhav	Technocrat2019U mang	WCE,Sangli	State	WCE,Sangli	12 – 13 Oct. 2019
45.	Neha Jadhav	Technocrat2019U mang	WCE,Sangli	State	WCE,Sangli	12 – 13 Oct. 2019
46.	Ruchika Sangar	Technocrat2019U mang	WCE,Sangli	State	WCE,Sangli	12 – 13 Oct. 2019
47.	Vaishnavi Sadigale	Technocrat2019U mang	WCE,Sangli	State	WCE,Sangli	12 - 13 Oct. 2019
48.	Shruti Kate	Aakar 2019 Presenthon	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct, 2019
49.	Snehal Ghaytidak	Aakar 2019 Presenthon	WCE,Sangli	National	WCE,Sangli	12- 13 Oct, 2019
50.	Sakshi Petkar	Aakar 2019 Restobizz	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct, 2019
51.	Shreya Tolmatti	Aakar 2019 Restobizz	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019

52.	Namrata Zambare	Aakar 2019 Restobizz	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
53.	Sakshi Jadhav	Aakar 2019 Restobizz	WCE,Sangli	National	WCE,Sangli	12-13 Oct.2019
54.	Shruti Kate	Aakar 2019 Nirmana	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
55.	Sakshi Petkar	Aakar 2019 Nirmana	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
56.	Shreya Tolmatti	Aakar 2019 Nirmana	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
57.	Rutuja Amrutsagar	Aakar 2019 Civictura	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
58.	Aditya Latkar	Aakar 2019 Quizitive	WCE,Sangli	National	WCE,Sangli	12 -13 Oct. 2019
59.	Aniket Patil	Aakar 2019 Quizitive	WCE,Sangli	National	WCE,Sangli	12 – 13 Oct. 2019
60.	Shruti Kate	Online Workshop on RS of Lunar	ISRO-IIRS	National	WCE,Sangli	23 Dec.2019
61.	Indrajit Nalwade	Online Workshop on RS of Lunar	ISRO-IIRS	National	WCE,Sangli	23 Dec.2019
62.	Shruti Kate	Web-Gis Platform Workshop	I2IT, Hinjawadi, Pune	International	WCE,Sangli	10 -11 Jan. 2020
63.	Snehal Ghaytidak	Web-Gis Platform Workshop	I2IT, Hinjawadi, Pune	International	WCE,Sangli	10 -11 Jan. 2020
64.	Namrata Zambare	Web-Gis Platform Workshop	I2IT, Hinjawadi, Pune	International	WCE,Sangli	10 – 11 Jan. 2020
65.	Sakshi Jadhav	Web-Gis Platform Workshop	I2IT, Hinjawadi, Pune	International	WCE,Sangli	10 -11 Jan. 2020
66.	Sakshi Petkar	Web-Gis Platform Workshop	I2IT, Hinjawadi, Pune	International	WCE,Sangli	10 -11 Jan. 2020
67.	Shreya Tolmatti	Web-Gis Platform Workshop	I2IT, Hinjawadi, Pune	International	WCE,Sangli	10 -11 Jan. 2020
68.	Shweta Deshmane	Web-Gis Platform Workshop	I2IT, Hinjawadi, Pune	International	WCE,Sangli	10 - 11 Jan.2020
69.	Swaleha Mujawar	Web-Gis Platform Workshop	I2IT, Hinjawadi, Pune	International	WCE,Sangli	10 -11 Jan.2020
70.	Vyankatesh Tarapore	अन्तरिक्ष एवं भूस्थानिक तकनीक	ISRO-IIRS	National	WCE,Sangli	10 Jan .2020
71.	Sayli Shinde	अन्तरिक्ष एवं भूस्थानिक तकनीक	ISRO-IIRS	National	WCE,Sangli	10 Jan. 2020
72.	Anisha Pardeshi	अन्तरिक्ष एवं भूस्थानिक तकनीक	ISRO-IIRS	National	WCE,Sangli	10 Jan.2020
73.	Sanskriti Jadhav	अन्तरिक्ष एवं भूस्थानिक तकनीक	ISRO-IIRS	National	WCE,Sangli	10 Jan.2020
74.	Pranav Deshmukhe	अन्तरिक्ष एवं भूस्थानिक	ISRO-IIRS	National	WCE,Sangli	10 Jan.2020

		तकनीक				
75.	Amruta Dange	अन्तरिक्ष एवं भूस्थानिक तकनीक	ISRO-IIRS	National	WCE,Sangli	10 Jan.2020
76.	Indrajit Nalawade	अन्तरिक्ष एवं भूस्थानिक तकनीक	ISRO-IIRS	National	WCE,Sangli	10 Jan.2020
77.	Vaishnavi Jankar	अन्तरिक्ष एवं भूस्थानिक तकनीक	ISRO-IIRS	National	WCE,Sangli	10 Jan.2020
78.	Neha Vibhute	अन्तरिक्ष एवं भूस्थानिक तकनीक	ISRO-IIRS	National	WCE,Sangli	10 Jan.2020

Electronics Department

Sr.	Name of Student	Type of Competition/Activity	Level	Venue	Date
1	Soham Digambar Kamate.	Poster presentation and quiz competition	National	Willingdon college.	8 Jan. 2020
2	Soham Digambar Kamate.	Zonal Football match.	National	Walchand college	25 Dec. 2019
3	Soham Digambar Kamate.	Cricket, Football, Badminton, mix-cricket matches in sports	National	Walchand college	21 Feb. 2020
4	Soham Digambar Kamate.	Environment protection awareness rally through college	National	Walchand college	31 Dec. 2019
5	Soham Digambar Kamate.	Tree plantation program from college.	National	Walchand college	28 Aug. 2019
6	Soham Digambar Kamate.	Cricket match from club(inter - club match)	National	Walchand college	10 Jan. 2020
7	Satyam Sambhaji Shinde	Zonal competition Athletics Event 100 meter running Runner Up	National	Walchand college	12 Jan. 2020
8	Satyam Sambhaji Shinde	Zonal competition Athletics Event 1500 meter running Runner Up	National	Walchand college	12 Jan. 2020
9	Sharvari Vaibhav Suryavanshi	Self-defence workshop	National	COEP Pune	04 Jan. 2020
10	Shreya sanjay mane	Diploma Sports	National	Walchand college	02 Mar.2020
11	Sarvesh Shailesh Bawdekar	Zonal sports- Cricket	National	Walchand college	16 Jan. 2020
12	Sarvesh Shailesh Bawdekar	Gathering sports- Cricket, Football, Volleyball	National	Walchand college	21-22 Feb. 2020
13	Janhavi Vijay Pawar	Worked as volunteer in flood relief camp held by Rashtriya Swayamsevak Sangh (RSS) helping people of flood affected areas	National	Sangli City	August 2019
14	Janhavi Vijay Pawar	Volunteered in a clean-up drive with Nirdhar Foundation to remove the slit and debris dumped by flood in August 2019.	National	Sangli City	August 2019
15	Janhavi Vijay	Worked through local groups &	National	Sangli City	August 2019

	Pawar	on individual level for flood affected people by providing food and clothes in August 2019.			
16	Janhavi Vijay Pawar	Quizzical Competition ELSESA	National	ELESA, Walchand College of Engineering, Sangli.	5 –6 Oct.2019
17	Janhavi Vijay Pawar	Pro-minance Competition ELESAs	National	Sangli City	August 2019
18	Janhavi Vijay Pawar	Carom Competition of Annual Gathering 2020	National	Walchand college	Mar.2020
19	Janhavi Vijay Pawar	Badminton Competition of Annual Gathering 2020	National	Walchand college	Mar.2020
20	Janhavi Vijay Pawar	Shotput Competition of Annual Gathering 2020	National	Walchand college	Mar.2020
21	Kshitija Anant Shitole.	Badminton double winner (WCE sports)	National	Walchand college	Mar.2020
22	Kshitija Anant Shitole.	3. Carom double winner (WCE sports)	National	Walchand college	Mar.2020
23	Kshitija Anant Shitole.	4.Carrom mix double winner (WCE sports)sports)	National	Walchand college	Mar.2020
24	Kshitija Anant Shitole.	5.Chess winner (WCE sports)	National	Walchand college	Mar.2020
25	Kshitija Anant Shitole.	6. Volleyball winner (WCE sports)	National	Walchand college	Mar.2020
26	Kshitija Anant Shitole.	7. GCEK competition certificate.	National	Walchand college	Mar.2020
27	Sonali Arun Kudache	Participated in zonal sports in volleyball match.	National	Walchand college	Jan.2020
28	Sonali Arun Kudache	2. Participated in badminton & volleyball sports in college matches.	National	Walchand college	Jan.2020
29	Sonali Arun Kudache	In the flood 2019, helped needy people from our society with clothes, food etc.	National	Walchand college	Jan.2020
30	Priyanka Suresh Kumbhar	Participated in State level Mega Technical Paper presentation competition Event	National	Latthe Education Society's Polytechnic, Sangli	20 Feb. 2019
31	Priyanka Suresh Kumbhar	Participated in State level Technical paper presentation competition conducted by	National	A.G. Patil polytechnic institute, Solapur on	21 Sep. 2019.
32	Priyanka Suresh Kumbhar	Participated in Quizzical Event	National	Walchand college	Jan.2020
33	Priyanka Suresh Kumbhar	Awarded for achieving Winner in the Shotput Event of ANNUAL GATHERING 2020 held in WCE, Sangli.	National	Walchand college	Jan.2020
34	Sayali kumar Pawar	Participated in State level Technical paper presentation competition	National	A.G. Patil polytechnic institute, Solapur	21 Sep. 2019.
35	Yashodhara Bhalchandra Chavan	Event-AAVISHKAR'2	National	Walchand college	27-28 February 2020
36	Yashodhara Bhalchandra Chavan	ELECTROVERT 2K19	National	Walchand college	5 -6 Oct. 2019

37	Yashodhara Bhalchandra Chavan	Event-LESPOIR-2020	National	Latthe Education Society's Polytechnic, Sangli	20 Feb. 2020
38	Saif Pimpare	ASG sports Football winner(captain)	National	Walchand college	Feb.2020
39	Saif Pimpare	ASG sports volleyball winner(captain)	National	Walchand college	Feb.2020
40	Saif Pimpare	ASG sports Discuss throw runner up	National	Walchand college	Feb.2020
41	Shruti Vijay Shinde	Women Self Defence Workshop Abhdya.	National	Walchand college	4 January. 2020
42	Tejasvi bharat bhadake	Women Self Defence Workshop Abhdya.	National	Walchand college	4 January. 2020
43	Vaishnavi Satish Chavan	Women Self Defence Workshop Abhdya.	National	Walchand college	4 January. 2020
44	Rutuja Janardhan Patil	Women Self Defence Workshop Abhdya.	National	Walchand college	4 January. 2020
45	Abhijeet Babasaheb Salunkhe	Momentum 2020'.	National	Willingdon college	22 Dec. 2019
46	Aditya Kulkarni	Sports Football	National	Walchand college	1 May. 2019
47	Nikhil shantinath Dharangutte	Table tennis zonal winner	National	RIT Islampur	29 Dec. 2019
48	Nikhil shantinath Dharangutte	Table tennis single runner up ASG2020	National	Walchand college	Feb.2020
49	Nikhil shantinath Dharangutte	Table tennis double runner up ASG2020	National	Walchand college	Feb.2020
50	Nikhil shantinath Dharangutte	Kabaddi runner up ASG2020	National	Walchand college	Feb.2020
51	Pratibha Uttam Abdare	Zonal Sports - basketball game	State	Nav Krishna valley school Kupwad, sangli	11 Jan. 2020
52	Sayali Subhash Jamdade	Paper presentation competition was held by MSBTE	State	Latthe Education Society's Polytechnic, Sangli.	21 SEP. 2019
53	Sayali Subhash Jamdade	Paper presentation competition was held by MSBTE	State	Latthe Education Society's Polytechnic. Sangli	20. Feb 2020
54	Mujawar Simran Gulabhusen	Electrovert 2k19 (pro-minance)	National	Walchand college	12 -13 October. 2019
55	Mujawar Simran Gulabhusen	Technocrat 19 (nodespark)	National	Walchand college	12-13 October. 2019
56	Mujawar Simran Gulabhusen	Electrovert 2k19(quizzical)	National	Walchand college	12 -13 October. 2019
57	Chaitrali Nitin Mandale	Aavishkar,GCEkarad presents Ideathon	National	GCOE Karaad	27- 29 February. 2020.
58	Chaitrali Nitin Mandale	ELESA,WCESangli Presents circuit fixer	National	Walchand college	5-6 Oct. 2019
59	Chaitrali Nitin Mandale	TECHNOBIZZ'19	National	Walchand college	12-13 Oct.2019
60	Chaitrali Nitin Mandale	TECHNOCART'19 ,	National	Walchand college	12-13 October.

					2019
61	Chaitrali Nitin Mandale	LESPOIR-2020 \	National	LESP Poly Sangli	10 Feb 2020
62	Shinde Nivedita Kakasaheb	Electrovert 2K19	National	Walchand college	5 - 6 Oct 2019
63	Aditya Sandeep pore	Basketball Sport inter-zonal	National	RIT Islampur	29 Dec.2019
64	Aditya Sandeep pore	Skillathon 20	National	Sinhgad institute, Pune(online event)	16 Aug.2019
65	Pratik Pravin Mane	B2 zonal level carrom Winner - 2019-20	State	Walchand college	13 Jan.2020
66	Pratik Pravin Mane	B2 zonal level table tennis Winner - 2019-20	State	Walchand college	12 Jan.2020
67	Pratik Pravin Mane	Inter zonal carrom competition participated.	State	Nanded	23 Jan.2020
68	Anushka Bhimrao Kadam	IDEATHON (36 hrs Live Hackathon)	National	Government College of Engineering Karad	27-29 Feb. 2020
69	Pranali Pravin Mane	State level paper presentation	State	A.G.Patil Polytechnic Solapur	21 Sept 2019
70	Pranali Pravin Mane	Inspire 20 -	National	Government College of Engineering Karad	17 July 2020
71	Om Ashokbhai Shinde	GPK Inspire'2020 Paper presentation.	National	Government College of Engineering Karad	17 July 2020
72	Patil Dhanashree Ravindra	AAVISHKAR'20 : Technotric Date : 29 February 2020	National	Government College of Engineering Karad	27-29 Feb. 2020
73	Sushant Suresh Tupurwadkar	Volley-ball Zonal Runner up	State	AIT Vita	04 Jan 2020

- 1) **Vaishnavi Pandit Khade** student of SY won 3rd rank in State level online paper and poster presentation competition UMANG Event(TECHNOCRAT'19)
- 2) **Om Nitin Shinde** student of TY declared winner in online paper presentation competition , INSPIRE'20 held at GP KARAD
- 3) 50 students of SY EE class participated in online paper presentation and other competitions
- 4) 60 Students Successfully completely COURSERA online courses with an average of 2 courses per student

B) Student Extra-Curricular Activities:

Nearly 30 students of SY and TY classes represented college in zonal level sports competitions

Sr. No	Type of Activity and Details (Sports Drama/Social/ NSS etc)	Date	Name Of Participating Students	Organising Body/Organising Institution	Award (Winner /Participant)	Level State/ National Etc
1.	Sports (Basketball)	Jan 2020	Sakshi S Petkar	IEDSSA M. S.	Runner Up	Zonal Sports
2.	Sports (Basketball)	Jan 2020	Maithili P Pawar	IEDSSA M. S.	Runner Up	Zonal Sports
3.	Sports (Basketball)	Jan 2020	Sejal R Hingmire	IEDSSA M. S.	Runner Up	Zonal Sports
4.	Sports (Basketball)	Jan 2020	Rachana V Patil	IEDSSA M. S.	Runner Up	Zonal Sports
5.	Sports (Basketball)	Jan 2020	Sakshi S Jadhav	IEDSSA M. S.	Runner Up	Zonal Sports
6.	Sports (Basketball)	Jan 2020	Shreya S Tolmatti	IEDSSA M. S.	Runner Up	Zonal Sports
7.	Sports (Basketball)	Jan 2020	Namrata N Zambare	IEDSSA M. S.	Runner Up	Zonal Sports
8.	Sports (Basketball)	Jan 2020	Snehal S Patil	IEDSSA M. S.	Runner Up	Zonal Sports
9.	Sports (Basketball)	Jan 2020	Pranita P Bhute	IEDSSA M. S.	Runner Up	Zonal Sports
10.	Sports (Basketball)	Jan 2020	Vaishnavi S Sadigale	IEDSSA M. S.	Runner Up	Zonal Sports
11.	Sports (Weight Lifting)	Jan 2020	Kunal C Mali	IEDSSA M. S.	Winner	Zonal Sports
12.	Sports (Wrestling)	Jan 2020	Kunal C Mali	IEDSSA M. S.	Runner Up	Zonal Sports
13.	Sports (Weight Lifting)	Jan 2020	Pratiksingh P Hajare	IEDSSA M. S.	Winner	Zonal Sports
14.	Sports (Table Tennis)	Jan 2020	Pratiksingh P Hajare	IEDSSA M. S.	Winner	Zonal Sports
15.	Sports (Table Tennis)	Jan 2020	Pranav P Deshmukhe	IEDSSA M. S.	Winner	Zonal Sports
16.	Sports (Table Tennis)	Jan 2020	Manish N Kumbhar	IEDSSA M. S.	Winner	Zonal Sports
17.	Sports (100 m running)	Jan 2020	Aditya P Sonawalkar	IEDSSA M. S.	Runner Up	Zonal Sports
18.	Sports (High Jump)	Jan 2020	Aditya P Sonawalkar	IEDSSA M. S.	Winner	Zonal Sports
19.	Sports (Cricket)	Jan 2020	Aditya P Sonawalkar	IEDSSA M. S.	Runner Up	Zonal Sports

20.	Sports (Table Tennis)	Jan 2020	Shruti S Kate	IEDSSA M. S	Runner Up	Zonal Sports
21.	Sports (Table Tennis)	Jan 2020	Rutuja P Waghmare	IEDSSA M. S	Runner Up	Zonal Sports
22.	Sports (Table Tennis)	Jan 2020	Aadya S Kadam	IEDSSA M. S.	Runner Up	Zonal Sports
23.	Sports (Table Tennis)	Jan 2020	Vaishnavi S Sadigale	IEDSSA M. S.	Runner Up	Zonal Sports
24.	Sports (Table Tennis)	Jan 2020	Prachi U. Patil	IEDSSA M. S.	Runner Up	Zonal Sports
25.	Sports (Shot Put)	Jan 2020	Abhijeet Joshi	IEDSSA M. S.	Runner Up	Zonal Sports
26.	Cricket	Jan 2020	Deepak Khade	IEDSSA M. S.	Runner Up	Zonal Sports
27.	Cricket	Jan 2020	Tushar kamble	IEDSSA M. S.	Runner Up	Zonal Sports
28.	Cricket	Jan 2020	Sarang Mane	IEDSSA M. S.	Runner Up	Zonal Sports
29.	Cricket	Jan 2020	Dhairya Shaha	IEDSSA M. S.	Runner Up	Zonal Sports
30.	Wrestling	Jan 2020	Bipin Kale	IEDSSA M. S.	Winner	Zonal Sports
31.	Carrom	Jan 2020	Ashish Hogade	IEDSSA M. S.	Winner	Zonal Sports

5.6 Other Activities:

5.6.1 Guest Lectures Delivered by the Faculty:

SN	Name of Faculty	Place	Subject	Date
1	S V Chikurde	Miraj Mahavidyalay, Miraj	e-Content Development	14-10-2019
2	S V Chikurde	Shivaji University, Kolhapur	Advanced Survey & GIS	11-03-2020
3	Mr. S U Chavan	Zilla Nirikshan Kaksh, Sangli	Educational Awareness	29-01-2020

5.6.2 Guest Lectures Organized:

SN	Name of Speaker	Subject	Coordinator	Date
1	Dr G R Munvalli Walchand CoE, Sangli	Public Health Engineering – Sludge Treatment	S V Chikurde	29-09-2019
2	Mr Dilip Patil, Director CADSys	Rendering & Walkthrough –AutoCAD 3D	S V Chikurde	05-10-2019
3	Ar. Pramod Chougule Architect, Sangli	Case Study Of Green Building at TC,Turchi	H.P. Kulkarni	05-10-2019
4	Er. S.H. Sontakke, Contractor & Builder, Sangli	Rate Analysis	S.N. Kulkarni	11-10-2019
5	Prof P K Deshpande Walchand CoE, Sangli	Geology	K S Kadam	07-03-2020
6	1. Shri. Abhijit Rajput 2. Shri. Tahir Bagwan 3. Shri. Dhanirysheel Mali 4. Shri. Raviraj Kumbar	Electrical Safety Week	Electrical Dept	11 - 17 Jan. 2020

	Electrical Inspector office Miraj			
7	Shri. Jayant Kulkarni S.E. M.S.E.B Pune	Load Dispatch Centre	Electrical Dept	
8	Mr P. M. Omase, Dy. Collector, Govt. of Maha.	Guidance For Competitive Exams	Dr. V. V. Sulakhe	30-08-2019
9	Ms. Shweta U. Patil, Electronics Dept , WCE, Sangli	Product design using IoT	Dr. V. V. Sulakhe	08-03-2020

5.6.3 Technical Paper Presentation Guided by the Faculty:

SN	Name of Faculty	Place	Subject	Date
1	Miss. Shreyasi U Patil	A. G. Patil Polytechnic Institute, Solapur,	MSBTE State Level Technical Paper Presentation Competition for Electronics Engineering Group Topic Name : Internet of Things Students Name : 1) Sayali Pawar (TYIE) 2) Priyanka Kumbhar (TYIE)	21 Sept. 2019

5.6.4 Number of papers Published:

SN	Topic	Name of Journal	Coordinator	Details
1	Reconceptualising Smart City	International Journal of advanced Research in Science & Technology	Miss Shreyasi U. Patil	Vol. 5, May 2020

5.6.5 Training Programs Attended by Faculty:

SN	Topic	Venue	Faculty	Duration
1	One Week STTP on "Analysis & Design of Water Distribution System Using EPANET"	W.C.E. Sangli	S V Chikurde	8-12 July 2020
2	Two Days International Workshop on "WebGIS Platform"	I ² IT, Hinjewadi Pune (Online)	S V Chikurde	10-11 Jan 2020
3	Four Weeks Course on "E-Waste Management"	NPTEL – Swayam	S V Chikurde	Jan-Apr 2020
4	One Week FDP on "Fundamentals of Energy Management and Applications FEMA – 2019"	SV NIT, Surat	H P Kulkarni	25-29 Nov 2019
5	One day Workshop on "Regional Water Balance Usage & Management"	CTARA IIT Bombay (Online)	N N Kamble	16 Nov 2019
6	Basic course on Automation	SIEMENS Ltd Mumbai	S U Chavan and N. S. Narayankar	23 -27 Sept. 2019
7	Internet of Things	AICTE SWAYAM	S U Chavan	July to Oct. 2019
8	Sensors and Actuators	AICTE SWAYAM	S U Chavan	July to Oct. 2019
9	Dynamic web programming using PHP	Sumago Infotech Nashik	S U Chavan	10 - 14 Feb. 2020
10	Power plant familiarization	Adani electricity Dahanu Mumbai	S U Chavan and N. S. Narayankar	2 - 6 March 2020
11	Arduino in IoT Series	W.C.E. Sangli	Miss Shreyasi U. Patil	8 Feb 2020

12	One day Workshop on C and CPP	W.C.E. Sangli	Miss Shreyasi U. Patil	29 Feb 2020
13	One Week STTP on Future of Electric vehicles	Amrutvahini Polytechnic, Sangamner	A.V. Walvekar	3-7 Feb. 2020
14	One Week STTP on Future of Electric vehicles	Amrutvahini Polytechnic, Sangamner	G.N. Sargule	3-7 Feb. 2020

Attended by Faculty:

1. Prof. R. G. Bhosale (HOD) successfully completed 39 online certification courses on Coursera, and TATA Steel online platform
2. Prof A. R. Bhosale successfully completed 16 online courses on Coursera, and TATA Steel online platform

5.6.6 Number of Industrial visits organized:

SN	Subject	Location	Coordinator	Date
1	Public Health Engineering	Ichalkarnji Municipal Council, Vikas Nagar, Ichalkarnji (Water Treatment Plant, Sewage Treatment Plant, Biomedical Treatment Plant)	Prof. S.V. Chikurde & Prof. N N Kamble	21/09/2019
4	Public Health Engineering	Bio Gas Plant At WCE, Sangli	Prof.N.N. Kamble	24/09/2019
5	Energy Conservation & Green Building	Police Training School, Turchi, Tasgaon	Prof. HP Kulkarni	24/09/2019
6	Solid Waste Management	Biomedical Waste Treatment – Bharati Hospital, Wanleswadi	Prof. S.V. Chikurde	18/02/2020
7	Management	Zilla Nirikshan Kaksh, Sangli	Prof. S. U. Chavan	21/09/2019
8	Electrical Power Generation	Diesel Power Plant WCE Sangli	Prof. R. G. Bhosale & Prof. J. Y. Mane	07/09/2019
9	Electrical Power Generation	Solar Power Plant WCE Sangli	Prof. A. S. More & Prof. N.G. Apte	21/09/2019
10	Electrical Transmission and Distribution	M.S.E.B. 110 KV Substation Vishrambag, Sangli	Prof. A. R. Bhosale Prof. S. S. Kamble	05/10/2019
11	Tools Engineering	Skylark tools - plot no W24 MIDC MIRAJ	D. B. Urunkar A. V. Walvekar	27/09/2019
12	Tools Engineering	Omar engineering - H62 MIDC KUPWAD	D. B. Urunkar A. V. Walvekar	27/09/2019
13	Manufacturing Processes	Samrudhi plastic MIDC KUPWAD	D. B. Urunkar	21/01/2020
14	Manufacturing Processes	Bharat Rolling MIDC kupwad	H. N. Tikekar	21/01/2020
15	Fluid Mechanics and Machinery	Chandoli Dam – Chandoli	G. N. Sargule	26/02/2020
16	Fluid Mechanics and Machinery	Sada waghapur windmills	G. N. Sargule	27/02/2020

5.6.7 Number of Workshop /Program organized:

- Two Days Workshop on “**Arduino Programming**” Organized by Department of Industrial Electronics with following details
 - Total Participants – 46 Final Year Diploma Students
 - Registration Fee – Nil
 - Name of Resource Faculty – Dr. A. A. Agashe
 - Dept. Coordinator - Dr. V. V. Sulakhe

- Two Days Workshop on “Solid Waste Treatment and Management” Organized by Department of Civil Engineering (Degree and Poly Wing), WCE, Sangli Under TEQIP-III vide Order No: TEQIP/1502 dated 14.02.2020 with following details
 - Total Participants – 217
 - In-house participants – 102 (92+10 Student + Faculty)
 - Outside participants – 115 (100+15 Student + Faculty)
 - Registration Fee – Rs. 300/- for Student and Rs 500/- for Faculty
 - Number of Resource Persons – 11
 - Gross Resource Generated – Rs 37500/-
 - Total Expenditure – Rs 89267/-
 - Coordinator - S V Chikurde Coordinator – G M Bhosale



“Student Event photo at Zilla Nirikshan Kaksh Sangli”



Industrial Visit at Adani Electricity Dahanu of Ind. Eln. Faculty

Vision

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

Mission

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

Objective

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

Quality Policy

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

Our Inspiration



Shri. Ajit Gulabchand
Chairman, Administrative Council

Visit us to: www.walchandsangli.ac.in

