Our Strengths:

- **75+ 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**

ANNUAL REPORT 2023-24

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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** (**1**st 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 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.

Mr. Ajit Gulabchand

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'.

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 (WCE) is a premier engineering institute in India with a rich history of academic excellence. Founded in 1947, WCE has consistently produced world-class engineers who have made significant contributions to the development of the country and the world.

WCE is committed to providing its students with a high-quality education that meets the demands of the 21st century. The institute has state-of-the-art laboratories and facilities, and its faculty members are highly qualified and experienced. WCE also has strong industry partnerships, which provide its students with valuable opportunities for hands-on learning.

In addition to its technical education, WCE also emphasizes the importance of character development and ethical leadership. The institute's students are encouraged to participate in a variety of extracurricular and co-curricular activities, such as sports, cultural events, and social service projects. This helps them to develop the skills and qualities they need to be successful in their careers and in life.

WCE is a vibrant and dynamic institution that is committed to excellence in engineering education. The institute is proud of its long history of producing world-class engineers, and it is confident that its graduates will continue to make significant contributions to the world in the years to come under the guidance of the Hon. Ajit Gulabchand, Chairman of the Administrative Council.

Prof. Dr. U. A. Dabade

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	28-Jul-2022
8	Dr. P. G. Sonavane (I/c)	29-Jul-2022	10-Mar-2023
9	Dr. U. A. Dabade (I/c)	11-Mar-2023	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:

```
                                    Chairman
                                        │
                                        ▼
                                    Director
                                        │
                                        ▼
                                Deputy Director
```

Dean, Planning & Development	Dean Research & Development	Dean Academics	Dean IIE	Dean CAS	Asso. Dean Quality Assurance	Asso. Dean Student Activities	Asso. Dean Students Welfare	Registrar	CoE

Finance Coordinator	Librarian	HoD CSE	HoD IT	HoD Electronics	HoD Electrical	HoD Mechanical	HoD Civil	HoD Humanities Science	Chief Rector
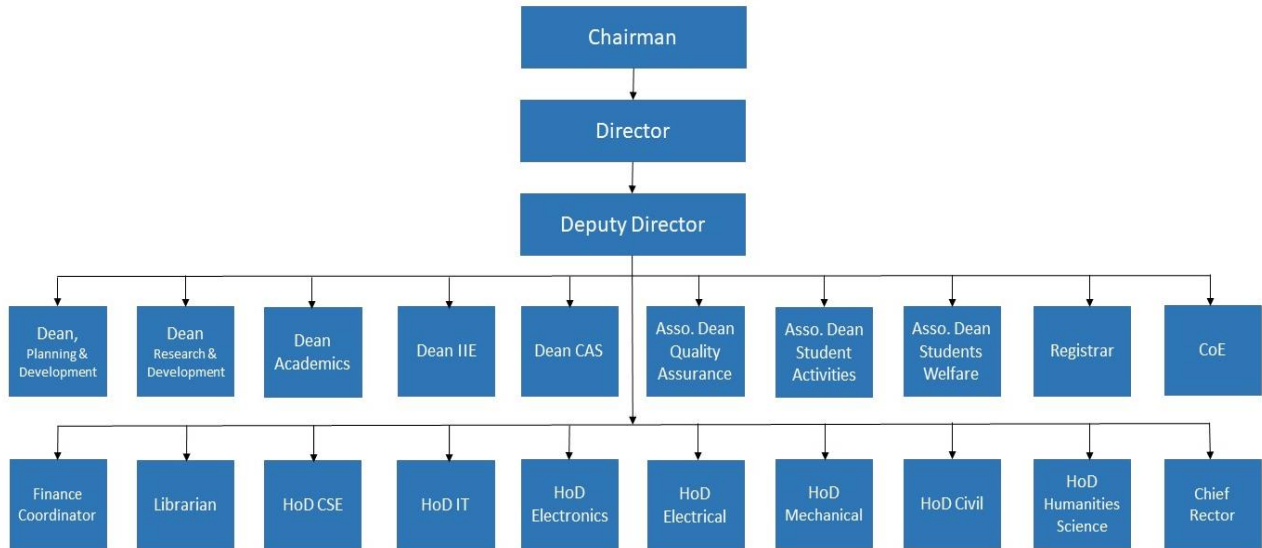
The institute is governed by Administrative Council. The **Administrative Council** was formed in 1956.

- The Institute is governed by an autonomous body - **Administrative Council**.
- Constitution of **Administrative Council** (A.C.) is
  - Six members from Trust
    - o Government Nominees as under
    - o Two AICTE nominees
    - o DTE, Mumbai
    - o AICTE (RO), Western Region
    - o SU, Kolhapur Nominee
    - o GOM Nominee
    - o Two Teaching Faculty
    - o 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	Dr. V.N. Gupchup, Ex. Principal, VJTI, Mumbai	Member, Trust Nominee
4	Mr. C.N. Gandhi, Industrialist, Pune	Member, Trust Nominee
5	Mr. Amol Chavan, HCC, Mumbai	Member, Trust Nominee
6	Dr. Ajeeth Singh, WRO, AICTE, Mumbai	AICTE Ex-Officio, Member
7	Dr. Manoj Kumar Tiwari	AICTE Nominee
8	Dr. V. M. Mohitkar	DTE, Ex-Officio, Member
9	Dr. D. V. Jadhav, Jt. Director, Ro, Pune	State Govt Nominee
10	Dr. Aravind Balan, IISC Bangalore	UGC Nominee
11	Dr. Mohan B. Vanarotti	Shivaji University Nominee
12	Prof. U. A. Dabade, Dy. Director	Faculty representative
13	Shri. A. V. Kamble, I/C Vice-Principal, Polytechnic Wing, WCE, Sangli	Faculty representative (PW)
14	Mrs. Shalaka Gulabchand Dhavan	Management Invitee
15	Prof. U. A. Dabade, I/C Director	Member Secretary

The Administrative Council (AC) meetings are held regularly four times in a Year. The dates of all AC and Review meetings during the next two years are decided in advance by the management, are known to all in advance, and are followed scrupulously. The AC meetings were held in 2023-24 on following dates:

SN	Meeting No.	Date	Location	Attendance
1	243	29/08/2023	Hotel Oberoi, Mumbai	6
2	244	12/12/2023	Hotel Oberoi, Mumbai	8
3	245	26/02/2024	Hotel Oberoi, Mumbai	9
4	246	29/05/2024	WCE, Sangli	10

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

Constitution by post	Function
Chairman: **S**hri. Shriniwas Patil **Members:** Shri Amol Chavan Shri Suresh A. Patil Shri Chidambar S. Kotibhaskar Dr. Smt. Sushma S. Kulkarni Shri Mukul P. Parikh Dr. Anant K. Kokane Dr. Dagadu S. More **Elected faculty & Staff Members:** Dr. Ravindra R. Rathod Dr. Ajeet P. Patil Smt. Renuka S. Janagond Shri Sanjivkumar S. Kulkarni, Non-teaching staff **Students Representative** Miss Snehal S. Patil Shri Datta N. Gangji **Member Secretary** Prof. Dr. Uday A. Dabade, I/C Director	- To recommend to the higher authorities the **schemes for better functioning and governance** of the college - To prepare & recommend, **financial budget** of the college for approval from higher authorities - To recommend, **filling of teaching and non-teaching** positions to higher authorities - Frequency of meeting: **Twice a year**

The details of meetings held during 2023-24 are as follows:

SN	Meeting No.	Date	Location	Attendance
1	8th	04/11/2023	WCE, Sangli	19

Various other important Sub-Committees to support Administrative Council are:
In addition to the above two committees various other Sub-committees are formed for decentralization of power and for smooth functioning of various activities and implementation of policies.

As per the Administrative Council Rules for WCE, Sangli passed by General body of MTES on 20th November 1956 and amended by AC on 9th July 1971 and on September 1977 three important other committees formed are Finance Committee, Building Committee, Equipment Committee and HR Development Committee which were approved by the Administrative Council in the Meeting No. 240 Dated. 13th December 2012. The sub-committees are as follows:

1. Finance Committee	
1. Chairman of the Council	Shri Ajit Gulabchand
2. DTE or his nominee	Dr. Vinod M. Mohitkar
3. RO- AICTE or his nominee	Dr. Ajeet Singh
4. Nominee of MTES	Shri. Shri Chakor Gandhi
5. Member	Shri Deepakbaba Shinde
6. Member	Shri Amol Chavan
7. Member Secretary	Director
2. Building Committee	
1. Chairman of the Council	Shri Ajit Gulabchand
2. DTE or his nominee	Dr. Vinod M. Mohitkar
3. RO- AICTE or his nominee	Dr. Ajeet Singh
4. Exec. Engineer, PWD, Sangli	Shri Krantikumar Mirajkar
5. Outside Expert Member	Dr. V. N. Gupchup
6. Member	Shri. Amol Chavan
7. Head, Civil Engineering Dept.	Ex-Officio
8. Head, Structural Dept.	Ex-Officio
9. Member Secretary	Director
3. Equipment and Purchase Committee	
1. Chairman of the Council	Shri Ajit Gulabchand
2. DTE or his nominee	Dr. Vinod M. Mohitkar
3. RO- AICTE or his nominee	Dr.Ajeet Singh
4. HOD of concerned Dept.	Civil/Mech/Elec/Eln/CSE/IT
5. Member	Shri Amol Chavan
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. Vinod M. Mohitkar
3. RO- AICTE or his nominee	Dr.Ajeet Singh
4. HR Expert	Mr Aniruddha Singh
5. Member	Shri Amol Chavan
6. Member	Awaited
7. Member Secretary	Director

Key Functionaries at the Institute level:

Prof. Dr. U. A. Dabade	I/C Director
Shri. A. V. Kamble	Vice-Principal, Polytechnic Wing
Dr. S. G. Tamhankar	Registrar
Shri. S. B. Dhaigude	Dean CAS and TPO
Dr. B. F. Momin	Dean IIE
Dr. Smt. A. A. Agashe	Dean, R&D
Dr. A. K. Kokane	I/C Dean Academics & Asso.Dean-QA
Dr. B. N. Naik	Controller of Examination
Dr. G. R. Munavalli	HoD, Civil
Dr. S. B. Kadam	HoD, Applied Mech.
Dr. S. U. Sapkal	HoD, Mechanical
Dr. D. S. More	HoD, Electrical
Dr. S. D. Ruikar	HoD, Electronics
Dr. Smt. M. A. Shah	HoD, CSE
Dr. R. R. Rathod	HoD, Info Tech
Dr. A. R Surve (Till May 2024) Dr. M. M. Khot (From June 2024)	Asso. Dean-Students Welfare & SAD
Shri. N. N. Kamble	Asso. Dean- Planning & Dev.
Shri. N. V. Marathe	Timetable In-charge
Shri. A. A. Powar	FY Co-ordinator
Dr. B. N. Jamadar	Chief Rector
Shri. P. A. Mane	Convenor, Purchase Committee
Shri. M. K. Chavan	I/C WIC
Shri. S. B. Agawane	I/C Librarian

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
▪ Academic Committees: - Academic Council - Academic Standing Committee - Board of examinations - Academic Advisory Committee ▪ Purchase Committee ▪ Building and Works Committee ▪ Special Cell Standing Committee ▪ Library Committee ▪ Campus Coordination Committee ▪ Admission ▪ TEQIP Implementation Unit ▪ Internal Quality Assurance Cell (IQAC) ▪ Innovation, Incubation, and Entrepreneurship Cell (IIE) ▪ Corporate Relations, Alumni and Student Careers Cell (CAS) ▪ Student Development Cell	- Gymkhana - Hostel - Canteen - Training and Placement - Discipline - Grievance - Anti-Ragging - Student Council Committee - SC/ST Committee - Internal Complaint Committee (ICC)

Academic Council
(Apex Academic Body)

Constitution	Function
Chairman: Director **Member Secretary**: Dean Academics **Members:** • All HODs • All Professors • Four Associate Professors • One expert each from industry, education, Law • Nominees of SUK	• 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 2023-24

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**

* 10% 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)	2016-22 (6)	--	2023-28(5)
2	Mechanical Engineering	1955	60	2003-06 (3)	2007-12 (5)	2016-22 (6)	2023-26(3)
3	Electrical Engineering	1955	60	2003-06 (3)	2007-12 (5)	2016-22 (6)	--
4	Electronics Engineering	1986	60	2003-06 (3)	2007-12 (5)	2016-22 (6)	--
5	Computer Science Engineering	1986 2000	60 90	2003-06 (3)	2007-10 (3)	2013-15 (2)	--
6	Information Technology	2001	60	2016-22 (6)	--	--	2023-26(3)
Total First Year Intake		**390 + TFWS 20 + NRI 39 + Gulf 19 (= 468) + DSY 78**					

* 10% Lateral Entry at Second Year

Intake and Status of NBA Accreditation: PG Programs

Sr. No.	PG Programs	Start Year	Current Intake	NBA-I	NBA-II
1	Civil-Environment Engineering	1971	18	2013-16 (3)	--
2	Civil-Structural Engineering	1971	30	2012-15 (3)	2016-21 (5)
3	Mechanical-Production Engineering	1995	12	2013-16 (3)	--
4	Mechanical -Design Engineering	1971	18	2012-15 (3)	2016-18 (2)
5	Mechanical -Heat Power Engineering	1971	12	--	--
6	Electrical-Control Systems	1971	12	2012-15 (3)	2016-18 (2)
7	Electrical-Power Systems	1971	12	--	--
8	Electronics Engineering	1987	12	2012-15 (3)	2016-18 (2)
9	CSE-Computer Science Engineering	1998	12	--	--
10	CSE-Information Technology	2012	12	2016-21 (5)	--
	Total First Year Intake	**150**			

Admissions Details of AY 2023-24:

Admissions to the four-year B.Tech. For the academic year 2023-24 were made along with the other autonomous institutions in the state based on IIT-JEE. Admissions to two-year M.Tech. Programs were based on the GATE and CET score followed by personal interview. Department wise and category wise admission details are as under:

First Year B.Tech. Admission Maharashtra State Rank and Minimum Cut-off marks at WCE of AY 2023-24 (GOPENS): CAP Round - I

SN	Branch	Mechanical	Electrical	Civil	IT	ELECTRONICS	CSE
1	COE Pune	1983 99.19	1044 99.55	4676 98.19	--	--	151 99.91
2	VJTI Mumbai	2200 99.11	1566 99.35	5612 97.84	243 99.87	1136 99.51	99 99.94
3	SP Mumbai	4021 98.42	3905 98.48	11819 95.37	--	--	--
4	WCE Sangli	6380 97.52	5830 97.75	12890 94.89	1716 99.29	3364 98.67	1301 99.45
5	GCOE Aurangabad	28150 88.51	25686 89.52	33859 86.03	9719 96.22	--	5904 97.72
6	GCOE Amaravati	38651 84.05	31193 87.21	45820 80.73	10303 95.97	--	6839 97.36
7	SGGS Nanded	42553 82.22	27665 88.67	55077 76.28	11570 95.49	--	9856 96.14
8	GCOE Karad	21654 91.25	21630 91.25	27381 88.80	6925 97.33	--	--

* If we refer Cut-off Marks at top 8 Engineering Institutes in Maharashtra, WCE Sangli Ranked 4th after COE Pune, VJTI and SP, Mumbai in 2023-24.

PG Admissions at WCE, Sangli for 2023-24

SN	Branch	Intake	Filled	GATE	% GATE
1	Civil-Environmental	18	09	00	00
2	Civil-Structural	30	33	02	6.06
3	Mechanical-Design	18	10	00	00
4	Mechanical-Heat Power	12	00	00	00
5	Mechanical-Production	12	02	00	00
6	Electrical-Power Systems	12	08	00	00
7	Electrical-Control Systems	12	04	00	00
8	Electronics	12	03	00	00
9	Computer Science Engineering	12	11	01	9.09
10	Information Technology	12	02	00	00
	Total	**150**	**82**	**03**	**3.65**

First Year UG & PG Admission Details:

Admission Details of UG 2023-24			
Branch	**Male**	**Female**	**Total**
Civil	48	24	72
Mechanical	52	17	69
Electrical	45	22	67
Electronics	47	21	68
CSE	81	33	114
IT	43	22	65
Total	**316**	**139**	**455**
Percentage	69.45	30.55	100
Reserved Category	148	74	222
Percentage	66.67	33.33	100

Admission Details of PG 2023-24			
Branch-Specialization	**Male**	**Female**	**Total**
Civil-Environmental	03	06	09
Civil-Structural	28	05	33
Mechanical-Heat Power	00	00	00
Mechanical-Production	02	00	02
Mechanical-Design	09	01	10
Electrical-Power System	03	05	08
Electrical-Control System	02	02	04
Electronics	01	02	03
CSE	09	02	11
CSE – IT	01	01	02
Total	**58**	**24**	**82**
Percentage	70.73	29.27	100
Reserved Category	19	14	33
Percentage	57.58	42.42	100

Year wise Total Strength of Students:

Branches	2020-21 UG	2020-21 PG	2020-21 PhD	2021-22 UG	2021-22 PG	2021-22 PhD	2022-23 UG	2022-23 PG	2022-23 PhD	2023-24 UG	2023-24 PG	2023-24 PhD
Civil	75	52		69	49		70	44		72	42	
Mechanical	73	50		68	17		67	07		69	12	
Electrical	68	32		70	05		66	02		67	12	
Electronics	67	07		67	06		67	02		68	03	
CSE	108	11		115	06		110	04		114	11	
IT	74	04		67	00		69	00		65	02	
Total	465	156		456	83		449	59		455	82	

Analysis of UG Students (Gender and Category-wise)

Branch	2019-20 M	2019-20 F	2019-20 Total	2020-21 M	2020-21 F	2020-21 Total	2021-22 M	2021-22 F	2021-22 Total	2022-23 M	2022-23 F	2022-23 Total	2023-24 M	2023-24 F	2023-24 Total
Civil	51	21	72	55	20	75	50	19	69	42	28	70	48	24	72
Mechanical	53	18	71	57	16	73	50	18	68	52	15	67	52	17	69
Electrical	47	23	70	45	23	68	46	24	70	40	26	66	45	22	67
Electronics	44	26	70	47	20	67	49	19	67	43	24	67	47	21	68
Computer	80	31	111	77	31	108	77	38	115	83	27	110	81	33	114
Info. Tech.	51	20	71	55	19	74	49	18	67	48	21	69	43	22	65
Total	326	139	465	336	129	465	320	136	456	308	141	449	316	139	455
Percentage	70.1	29.9	100	72.26	27.74	100	69.95	30.04	100	68.60	31.40	100	69.45	30.55	100
Reserved Category	148	69	217	129	52	181	147	67	214	151	77	228	148	74	222
Percentage	68.20	31.80	100	71.28	28.72	100	68.70	31.30	100	66.22	33.78	100	66.67	33.33	100

Analysis of PG Students

Dept.	Program	Current Intake	No. Student	Student	Student	Student	Student
	M. Tech.	PG (2023-24)	2019-20	2020-21	2021-22	2022-23	2023-24
Civil	Environmental Engineering	18	18	20	16	11	09
	Structural Engineering	30	32	32	33	33	33
Mechanical	Design Engineering	18	30	32	16	05	10
	Heat and Power	12	11	08	00	02	00
	Production Engineering	12	20	10	01	00	02
Electrical	Power Systems	12	13	17	05	01	08
	Control Systems	12	11	15	00	01	04
Electronics	Electronics	12	17	07	06	02	03
CSE	Computer Science Engineering	12	19	11	06	04	11
IT	Information Technology	12	04	04	00	00	02
	Total	150	175	156	83	59	82

Analysis of PG Students Admitted

Year	Intake	Admitted		GATE Qualified	
		Male	Female	Male	Female
2018-19	240	140	75	98	18
2019-20	240	114	58	65	05
2020-21	240	100	56	35	16
2021-22	240	49	34	08	02
2022-23	240	44	15	04	02
2023-24	**150**	**58**	**24**	**02**	**01**

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

Organization and Governance

Academic Practices

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

Recruitment Procedure and its effectiveness

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

1.3 Faculty (Regular & Contractual), Faculty-Student Ratio, Staff Strength for UG in 2023-24:

	Sanctioned	Regular	Ad-hoc	Total
Degree Faculty				
Professor	8	5	0	5
Associate Prof.	19	8	4	12
Assistant Prof.	63	43	49	92
Total Faculty				
Diploma Faculty				
Vice Principal	1	0	0	0
HOD	4	1	0	1
Lecturer	41	21	14	35
TPO				
Total Faculty				

Non-Teaching Staff				
Technical	64	32	0	32
Class IV	91	35	0	35
Administrative	47	24	0	24
Total Staff				

Faculty (Cadre)
Faculty position: 2023-24

Positions	Teaching Faculty						Non-teaching Staff		Technical	
	Professor		Associate Professor		Assistant Professor					
	M	F	M	F	M	F	M	F	M	F
Sanctioned posts	8		19		63		202		64	
Recruited (Regular + Contractual)	5	0	19	5	59	26	85	6	30	2
Total	5		24		85		91		32	

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

Faculty Qualification
Regular Faculty position: 2023-24

	PhD			PG+UG			Total			
	P	AsP	AP	P	As P	AP	P	As P	AP	Total
Civil	2	4	6	0	1	9	2	5	15	**22**
Mech	2	2	5	0	0	12	2	2	17	**21**
Elec	0	1	3	0	2	9	0	3	12	**15**
Eln	1	3	1	0	3	7	1	6	8	**15**
CSE	0	2	3	0	0	16	0	2	19	**21**
IT	1	3	4	0	0	4	1	3	8	**12**
PCM	0	1	2	0	2	4	0	3	6	**9**
Total	6	16	24	0	8	61	6	24	85	**115**
Total	46			69			115			**115**

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 about 75 meters distance)
- 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	110611= Print Book Volumes (including 60150 Books for Home Issue, 37397 Book Banks & 13064 Bound Volume)
2.	Print journals and Magazines	0
3.	E- Journals and E-books	265 =E-journals (including 198 IEEE, 33 ASME, 34 ASCE) 6000+ E-Books Nlist subscription & NDL
4.	Total No. of PG Dissertations	D03533
5.	Educational Video Cassettes	77
6.	Microfiche	1700
7.	Total No. of A.V. Cassette	19 Sets
8.	Total No. of CD's /DVD's	CD-3474 & DVD-629 = 4103

**Ajit Gulabchand Central Library**

Reading Room

Library Internal view

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

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

Research Facilities

In TEQIP-I during 2004-08 WCE, Sangli received Rs.8.6 Crores for the development of UG Infrastructure. This helped us to purchase basic equipment in all the laboratories so that the entire UG practical can be conducted. We replaced all old experimental set ups with new one. In TEQIP-II we received **Rs. 12.5 Crores** (2012-16) of Funding to develop the PG and Research infrastructure. The Institute utilized **Rs. 5.68 Crores** of funds to purchase the research equipment**.** Some of the major equipment purchased during this period are as follows:
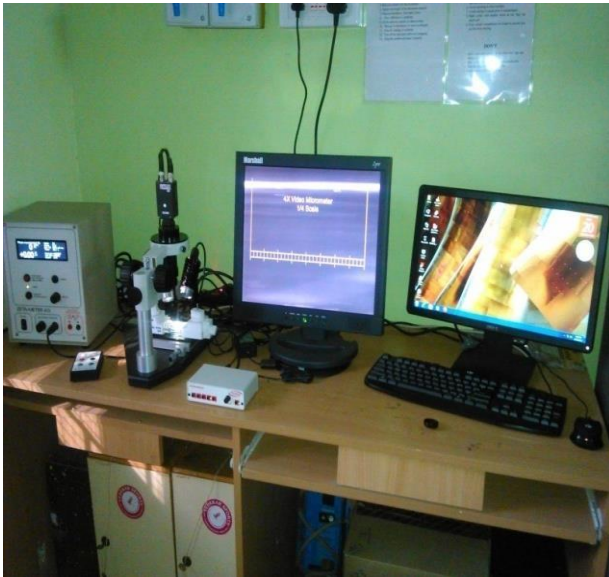
Zeta Meter, USA (Rs.17.5 Lacs)

Total Station (Rs.3.7 Lacs)

Advanced Manufacturing (AML)/CNC Lab

Total Investment Rs. 1.23 Crore

•Integrated Multi-function CNC Machine

•S50 CNC EDM Machine

•CNC Lathe Machine

•Automatic Guided Vehicle (AGV)

•Micro Vickers Hardness Tester

•Z-Cast & AFDEX Simulation Software

Micro Machining Centre: Rs. 32.36 L

Vector Controlled Induction Motor Drives: Rs 4.25 L

Gas Chromatograph Rs. 10 L

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

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

Metallurgy Lab,   Geotechnical Engg Lab, Power Quality and Harmonics Lab

Industrial Electronics Lab,   Database Engineering Laboratory   Microprocessor Lab

1.6   Sports and Extra-Curricular Facilities:

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

Indoor Sports Facilities: Gymnasium, Badminton, Table Tennis, Carom, Chess, etc.
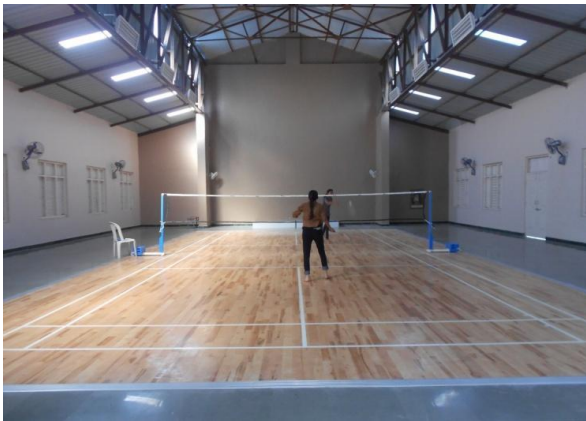
State of Wooden **Badminton Court** (Vartak Hall) and fully equipped **Gymnasium**

Carrom and **Table Tennis**

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

**Jogging Track** and **Large** Cricket, Hockey and Football **Ground**

Basket Ball, Kho-Kho facility

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

1.7 Facilities for person with disabilities (PWD):

At Walchand College of Engineering Sangli, a few students are with disabilities. Most of the Classrooms and Laboratories are on the Ground Floor, for which ramps are provided at places such Library, Quadrangle, Main Administrative Buildings, etc. The photographs of these Ramps are given below:
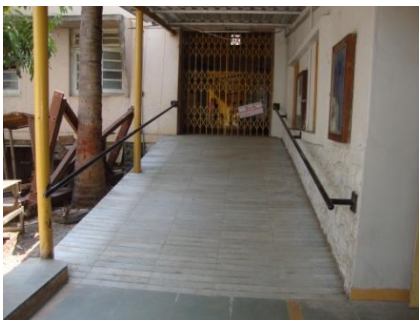
Ramp in **Quadrangle**-Civil Dept   Ramp in **Main Building**   Ramp in **Main Building Entrance**

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
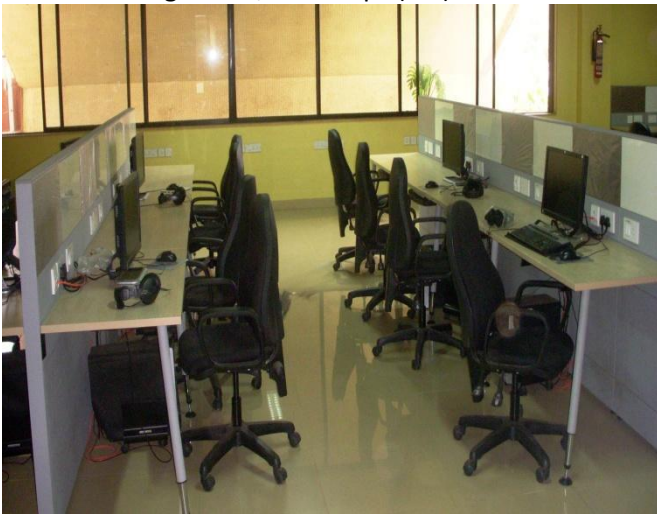
Language Laboratory and wide internal tar Roads in the campus

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

2. Department Activity Reports

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 Civil Engineering Department

1. Details of Research Publications AY 2023-24:

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
01	International Journal	"Assessing the Efficiency of TIO2 Impregnated Clay Filters for point-of-use Water treatment: A Bacterial treatment study"	S. B. Hivarekar, G. R. Munavallii	Journal Volume issue pageno. 359-370	
02	International Journal	Seismic Stability of Reinforced Soil Wall Using Pseudo-Dynamic Technique Under Uniform Surcharge Loading"	Dr. A. K. Kokane	IGC 2023 - Geotechnical earthquake engineering (IGC 2023 · Geotechnical earthquake engineering)	
03	National Conference	GGBFS and Fly ash based Geopolymer Concrete	Sunidhi Patil, Guru Munavalli	"Emerging Trends in Civil Engineering" (ETCE-23)	28-29 Dec 2023

04	National Conference	Application of Drone Technology in Construction Industry	Sagar Wandare	"Emerging Trends in Civil Engineering" (ETCE-23)	28-29 Dec 2023
05	National Conference	"Sensitivity Analysis For The Constitutive Parameters Of The Pressure Dependent Multi-Yield Material Model In OpenSees"	Dhanaji Chavan	"Emerging Trends in Civil Engineering" (ETCE-23)	28-29 Dec 2023
06	National Conference	Studies on Assestment of Electricity Consumption and Design of Solar PV Module for Residential Buildings	Darshan Mundada, K. S. Gumaste	"Emerging Trends in Civil Engineering" (ETCE-23)	28-29 Dec 2023
07	National Conference	Bio-rack settler for treatment of domestic wastewater with a hybrid mode of treatment	Santosh Patil, G. R. Munavalli	"Emerging Trends in Civil Engineering" (ETCE-23)	28-29 Dec 2023
08	National Conference	"Experimental Study on CBR of Black Cotton Soil treated with Biopolymer-Xanthan Gum"	Abhishek Sangamkar, Anish Ayarekar, Vishal Kawale, Manaswi Newale, Nikita Kamath, Dr. Anant Kokane	"Emerging Trends in Civil Engineering" (ETCE-23)	28-29 Dec 2023
09	National Conference	"Emerging Trends in Civil Engineering" (ETCE-23) "A review on Sustainable use of Wheat straw ash"	Harshal Chavan, Amol Mali	"Emerging Trends in Civil Engineering" (ETCE-23)	28-29 Dec 2023
10	National Conference	Stormwater Drainage Design for Kolhapur city: A literature review"	Sunidhi Patil, Guru Munavalli	"Emerging Trends in Civil Engineering" (ETCE-23)	28-29 Dec 2023
11	International Conference	Investigations into Footing Interference Considering Linear Elastic and Elastoplastic Material Models	Dr. D. S. Chavan	CECT2024 International Conference in May	17 - 18, 2024.

2. Google Scholar

Name of Faculty	Designation	Google Scholar							
		2019 Onwards			All			No. of Publications	
		Citations	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Dr. P. G. Sonavane	Professor	36	3	4	61	5	2	8	23
Dr. G. R. Munavalli	Asso.Professor	398	10	11	834	13	16	35	65
Dr. K.S. Gumaste	Asso.Professor	242	5	2	452	8	5	15	25

Mr. C. H. Wagh	Asso.Professor	16	2	1	24	2	1	4	14
Dr. A. K. Mali	Asst. Professor	73	5	4	73	5	4	6	7
Dr. A. K. Kokane	Asst. Professor	19	2	1	19	2	1	4	4
Dr. D. S. Chavan	Asst. Professor	45	4	1	48	4	1	8	12
Bhushan Kavathekar	Asst. Professor	6	1	0	6	1	0	1	12
Gopal bhosale	Asst. Professor	15	2	0	18	2	0	3	4
Sagar Wandare	Asst. Professor	8	1	0	8	1	0	2	7

3. **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	Guru R. Munavalli	Civil engineering	Prof., M.S.Mohankumar Civil Engineering	1st August 1999 Indian Institute of Science, Bangalore	Simulation and Parameter Estimation of Water Quality in Distribution System	23nd MARCH 2003
2	Krishnakedar Gumaste	Civil engineering	Prof. K.S.Jagdish Civil Engineering	1st August 2000 Indian Institute of Science, Bangalore	Studies on Strength and Elasticity of Brick Masonry Walls'	8th Jan. 2005
3	Pratap G. Sonavane	Civil engineering	Prof. Suresh V. Ranade, Civil engineering	1.07.2003 Shivaji university	Kinetics & Mechanism of Nitrogen & Phosphorus Removal by Root Zone Technology in domestic Waste	04.07.2008
4	Amol K. Mali	Civil engineering	Prof. Nathgopalan, civil engineering	July 2013	Investigations on the development of the pretreatment process for sugarcane bagasse ash for its utilization in cement-based materials	July 2021
5	Anant K. Kokane	Civil engineering	Prof. Sawant , civil engineering	September 2018	Analysis of soil nailed slopes under seismic conditions	September 2021

4. **Regular Degree Faculty Ongoing Ph.D. details**

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/ Uni	Title of the Thesis

1	Mr. C. H. Wagh	Civil Engineering	Dr. Anil Chitade Civil	Gondwana University	Study on wastewater

5. Ph.D. Student Details of AY2023-24

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1.	Mr. Rohit D. Mangalekar	Dr.K.S.Gumaste	08/02/2018	Studies on Hydraulic Reliability and Cost Optimization in Design of Water Supply Systems for High Rise Residential Buildings.	On-going
2.	Mr.Bhushan kavathekar	Dr. G. R. Munavalli	01/07/2019	Studies on Domestic Wastewater Treatment by Hybrid Biorack Wetland Systems	On-going

6. Patents Awarded:

Title of Patent	Name of Faculty	Patent No.	Date of Award
SMART SOLAR ELECTRICITY GENERATOR DEVICE	Dr. P. G. Sonavane	388414-001	15/06/2023
CONDUIT SEPARATOR COVER FOR TRANSMISSION LINE	Dr. P. G. Sonavane	388413-001	15/06/2023
Real Time Temperature monitoring system for Casting Plant"	Dr. P. G. Sonavane		19th March 24

7. Research Projects Completed by the faculty in the last five years:

Year wise	Name of the project	Funding agency/Industry	Grant Received Rs. Lakhs
2023-24	AQ monitoring by MPCB for the period January 2023 to December 2023	MPCB	16

8. Ongoing Research Projects:

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
A. College Funded Minor Projects			
2013-16	Wastewater treatment by aerobic and anaerobic SBR	Seed fund under TEQIP-II	3.00
C. Industry sponsored Major Projects			
2008 onwards	Air Monitoring	MPCB	16.67 per annum

9. Faculty Achievements in last Five Years (on and Before FY2023-24)

Name of faculty	Prize/Award received	Organization/ Institute	Year
Dr.P.G.Sonavane	Excellent paper award	Received IconSWM-Springer excellent paper award 2017 at7th International Conference on Solid Waste Management,	2017
Dr.G.R.Munavalli	Best paper award in First International Conference on Energy and Environment: Global Challenges March 09 & 10, 2018	Dept., of Chemical Engineering, NIT Calicut.	2018
Dr.G.R.Munavalli	Best paper award National Conference Recent Trends in Engineering and Technology (NCRET], 24TH March, 2018, Organized by Sharad Institute of Technology, Yadrav.	by Sharad Institute of Technology, Yadrav.	2018
Dr.G.R.Munavalli	Best paper award in National Conference on Advancement and Innovations in Civil Engineering, 2019, Shimoga	in National Conference on Advancement and Innovations in Civil Engineering, 2019, Shimoga	2018
Dr.G.R.Munavalli	Best paper award 4th International conference on Materials, Mechanics and Management, College of engineering Trivandrum (IMMM2020)	College of engineering Trivandrum (IMMM2020)	2020
Dr.G.R.Munavalli	Delivered 35 guest lectures as resource person in FDP, STP, and STTPs since 2016.		
Dr.V.S.Patil	Appointed as a journal reviewer titled American Journal of Engineering and Applied Sciences, A multidisciplinary, Scopus indexed and UGC approved journal with H-index 45.	Journal of Engineering and Applied Sciences, A multidisciplinary, Scopus indexed and UGC approved journal with H-index 45.	11.11.2021
Mr.P.K.Deshpande	Invited and honoured as a chief guest in Karad Architects and Engineers Association's Engineer's Day Programme	in Karad Architects and Engineers Association's Engineer's	15/09/2021
Dr.R.S.Desai	Received UGC grant for Participation in Int. Conference by Elsevier at Spain	Elsevier at Spain	3-9 Sept. 2018
Dr.R.S.Desai	NPTEL recognises you as an "NPTEL Stars" - "NPTEL_BELIEVERS".	NPTEL Participant	Calender year 2020

Dr.K.S.Gumaste	Best paper award 4th International Virtual conference on Recent Trends in Engineering & Technology organised by Vishwakarma Institute of Information Technology (VISHWACON2021)	Vishwakarma Institute of Information Technology (VISHWACON2021)	2021
Dr.K.S.Gumaste	Dr.K.S.Ghumaste	BLDE Association Standard Operating Procedures	2019
Dr.K.S.Gumaste	Member of Research Advisory Committee (SUK) for scrutiny of Ph.D. in Civil Engineering	Shivaji university	2017 to tilldate
Dr.P.G.Sonavane	chaired technical; session VI, operation and maintenance of water & wastewater system on 21.01.2023 at 55th IWWA annual convention at Pune	55th Annual Convention 2023, Indian Water Works Association (IWWA), Organized by IWWA Pune Centre,	20-22 Jan., 2023,
Dr.K.S.Gumaste	Chief Guest and Key Note Lecture on 'Embodied Energy in Construction Materials-An Approach to Sustainable Buildings' in the two week AICTE sponsored ATAL-FDP on Sustainable Construction - Issues, Challenges and Technological Developments in Decarbonization,	organized by BLDEA's V.P. Dr. P. G. Halakatti College of Engineering Technology, Vijayapura, Karnataka,	27 Feb to 3 March 2023.
Dr.G.R.Munavalli	Chairperson, Board of Studies in Civil Engg., and Technology, SUK	Shivaji university	2022 Onwards
Dr. P. G. Sonavane	Got Best Presentation under Faculty Category for the paper entitled, in Fourth International Conference on Advancements in Research & Development (ICARD 2024)	Organized by IPGDCW(A) Nampally, Hyderabad	30 January & 31 January 2024
Dr.P.G. Sonavane.	Surveying & Geometics' book translated from English to Marathi. Submitted to AICTE	AICTE	
Dr. A. K. Kokane	selected as River Widending Committee Member by Collrctor office sangli	Government of Maharashtra	
Dr. Pratap Ganpati Sonavane,	presented "Assessment of the ambient air quality of Sangli city, Maharashtra, vis-à-vis National Ambient Air Quality Standards (NAAQS)" on 30-31 january 2024ICARD-2024, organised by Dept of Commerce, IPD Govt. Degree college, Hyderabad and RSP conference Hob Coimbatore TN. The presentation was recognized as " Best Presenter among Faculty	Dept of Commerce, IPD Govt. Degree college, Hyderabad and RSP conference Hob Coimbatore TN. The presentation was recognized as " Best Presenter among Faculty	30-31 january 2024ICARD-2024,

10. GATE Toppers (All India Rank Less Than 5000):

Sr. No.	Candidate Name	Branch	All India Rank
1	Aditya Vivek Pande	Civil	2233
2	Yash Prakash Mali	Civil	3455
3	Jeevan Jotiba Ghadage	Civil	3591
4	Swaraj Ravindra Babhulke	Civil	3641
5	Parth Uday Dhavale	Civil	4046

11. FDP/Training Program/Guest Lecture organized by Faculty and Staff:
Activity Conducted:

Name of Event	Details of Event	Name of Event Coordinator	Date of Event
Two Days Short Term Training Programme on "AutoCAD	AutoCAD training Workshop	Dr. K. S. Gumaste Mr.S.M.Wandare	9th-10th September, 2023
A one-day workshop on OpenSees: A Finite Element Analysis software Saturday,	Students got introduced to a new software on Finite Element Analysis. Students learned the solving of 2D problem in structural analysis to determine the support reactions and displacements in beams and frames.	Dr. D. S. Chavan	26th August 2023, 10 am to 5.00 pm
Engineers Day Celebration Program was organized by Civil Engineering Students' Association (CESA)		CESA	15th September 2023
Teachers Day Celebration Program was organized by Civil Engineering Students' Association (CESA)		CESA	5th September 2023
Training programme on Air Quality Monitoring Equipment		Dr. P. G. Sonavane	12 th Dec 2023
One day workshop on "Fundamentals of Engineering Geology and outcrop maps"	One day workshop on "Fundamentals of Engineering Geology and outcrop maps"	Dr. D. S. Chavan	14th October 2023
Mega Event "AAKAR 2023" on		CESA	21-22 Oct. 2022
Organization of National Conference on "Emerging Trends in Civil Engineering" (ETCE-23) on 28-29 Dec 2023		Dr. G.R. Munavalli	28-29 Dec 2023
Organized a Three days Taining Program for B.Tech Civil Engineering Students on Primavera P6	Three days Taining Program for B.Tech Civil Engineering Students on Primavera P6	Mr. A. A. Magdum	24–26th April 2024

18. Guest Lecture Organized by Faculty:

Place	Subject	Date of Lecture
WCE	Guest lecture and Interaction Arranged of Mr. Suhas Joshi	18th August 2023
WCE	Guest Lecture "Lake Conservation" Delivered by Dr. S. S. Shaha (Professor, KIT's Kolhapur)	Friday, 06 Oct. 2023
WCE	Guest Lecture "Construction of Roads & Quality control" Delivered by Er. R. S. Patil	Friday, 06 Oct. 2023
WCE	An Expert lecture on 'Cradle to Cradle: To control climate crisis'	07th Nov.2023
WCE	Dr. G. R. Munavalli, Mr. B. R. Kavathekar, Mr. G. M. Bhosale **Organized** One day Workshop on "Bentley's SewerGEMS Software"**Resource Person**: Sh. Omkar Pore, Director, Water Unit	
WCE	Dr. G. R. Munavalli organized Guest lecture on "Preparation for MPSC Examination" by Sh. Vishal Kamble	16th April 2024
WCE	Dr. G. R. Munavalli organized Guest lecture on "Career opportunites for Civil Engineering in Government & Non-Government Sectors" by Sh. H. A. Marnoor	16th April 2024
WCE	Dr. D. S. Chavan **Organized Guest Lecture** on "Structural Design with Softwares: Scope and Challenges" Final Year B.Tech. **Resource Person**: Er. Aman Momin, Principal Structural Consultant YAMA Constructions	

19. FDPs/Conference/Workshop Attended by Faculty, Staff:
Events Attended by Faculty:

Name of Event	Details of Event	Name of Faculty
Attended a conference at Kolhapur	Higher Education Round Table conference focused on Driving Academic Excellence and Improving Rankings	Dr. A. K. Kokane
Attended Ph.D. progress seminar	at VJTI, Mumbai as Examiner	by Dr. G. R. Munavalli
Recourse person for one day workshop "EPA Net" at ADCE Ashta.	Recourse person for one day workshop "EPA Net" at ADCE Ashta	Mr. Bhushan Kavathekar
attended One Week National level Online Faculty Development Program on "	Outcome Based Education and Essential AI Tools for Teachers" Organized by the Internal Quality Assurance Cell (IQAC) of St. Thomas College, Palai in association with The Kerala State Higher Education Council (KSHEC), 10 January 2024 to 16 January 2024	Dr. P. G. Sonavane

Attended & Giving an Oral Presentation	for the paper entitled, in Fourth International Conference on Advancements in Research & Development (ICARD 2024) Organized by IPGDCW(A) Nampally, Hyderabad, 30 January & 31 January 2024	Dr. P. G. Sonavane and Mrs. Shahin Pinjari
Attended mock NBA Visit	at Doulatrao Aher College of Engineering, Karad, 02 Feb.2024	Dr.G.R. Munavalli
Attended One-week online STTP	"Integrating Technology and Tradition in Civil Engineering" Organized by Dept. of Civil Engg, Babasaheb Naik College of Engineering, Pusad Dist-Yavatmal, 29th Jan. 2024 to 02 Feb. 2024	Mr. Sagar Shinde
Attended One Week National Level STTP "To 09.02.2024	Computer diligence in Civil Engineering & applications for Sustainable development" Organized by Padmashri Dr. V. B. Kolte College of Engineering, Malkapur, Dist-Buldana05.02.2024	Mr. Sagar Shinde
visit, study and report	on the condition of treatment units of 36 MLD Water Treatment Plant (WTP) located at Mall bunglow, Sangli, With Hon. MP. Mr. Sanjaykaka Patil	Dr. U. A. Dabade, Dr. G. R. Munavalli, Dr. A. K. Kokane, Mr. B. R. Kavathekar
Participated in Industry Meet at CoEP, Pune, 5th April, 202	Industry Meet at CoEP, Pune, 5th April, 202	Mr. Anmol Magdum
invited for expert MOCK NBA at Rizvi College of Engineering, Bandra, Mumbai	MOCK NBA at Rizvi College of Engineering, Bandra, Mumbai	Dr.K.S.Gumaste and Dr. G.R. Munavalli
Attended One Week National Level Online Faculty Development Program	"Outcome Based Education and Application of Generative AI in Teaching and Research" Organized by the Internal Quality Assurance Cell (IQAC) of Gauhati University, Assam in association with ipsr solutions limited	Mr. S. M. Shinde
Attended one week FDP	"OBE & essential AI tools for teachers" during 10-16th	Dr. P.G. Sonavane

	January 24, organized by IQAC, Saint Thomas college , Palai in association with KSHEC, Kerala and secured A grade	
4.Attended one Week National level Online FDP	" Digital Pedagogy: ICT & AI assisted teaching in-line with OBE & NEP" during 29 May 2024 to 05 June 2024, organized by IQACof St. James College of Nursing and St. James College of Pharmaceutical Sciences, Chalakudy in association with KSHEC and secured A grade	Dr. P.G. Sonavane

20. Guest Lecture Delivered by faculty:

Name of Faculty	Place	Subject	Date of Lecture
Dr. A. K. Kokane	WCE and IGS	has given guest lecture on "Marine Piling Work" Organized by Dept. of Civil Engg. and IGS,	09th Feb. 2024
Mr. Anmol A. Magdum	NICMAR University, Pune,	Expert lecture on "Project Cost Engineering" for MBA ACM 2nd year students	05.03.2024

21. Industrial Visits:

Place of Industrial Visit	Coordinator of Industrial Visit	Total Participants	Date of Visit
Study Visit or Air Quality Monitoring station at Udyog Bhavan, Sangli.	Mr. B. R. kavathekar	FY M. Tech	30th Spetember, 2022
Study Visit for Vasant dada Sugar Industry, Sangli.	Mr. Gopal Bhosale	FY M. Tech.	18th October, 2022
Study Visit for Gokul Milik processing unit, Kolhapur.	Mr. B. R. kavathekar	FY M. Tech	22th Spetember, 2022
Study Visit for Rajarambabu Sugar Industry, Sakhrale Islampur.	Mr. B. R. kavathekar	FY M. Tech	18th November, 2022
Organized visit to Sewage Treatment Plant, Sangli..	Dr. Munavalli G. R.	TY B.Tech	5th November 2022
Site Visit at PWD Guest house-II, Sangli Saturday 7 th Oct., 2023, Site Visit at Residential Building Mr. Anand Shah, Sangli Saturday Visit at Residential Building Mr. Anand Shah, Sangli	Dr. Gumaste K. S.	SY B.Tech Civil Students	Saturday,7 th Oct., 2023

22. MoU's Signed with Industries and Institutes in last five Years:
Academic

Sr. No.	MoU signed with	Year	Purpose
1	Maharashtra Pollution Control Board (MPCB)	2008 - 2021	Air Quality Monitoring for Sangli City under National Air Monitoring program
2	Maharashtra Pollution Control Board (MPCB)	2011-17	Fellowship for PG Students of Env. Engineering
3	Maharashtra Pollution Control Board (MPCB)	2021	Institute of Repute (loR) to serve under the National Clean Air Mission
4	Ramkumar Rathi Tech Services Pvt. Ltd., Pune	06/10/2018	Developing Research Centre for Structural Health Monitoring
5	Struct-wel Designers and Consultants Pvt. Ltd., Mumbai	13/12/2018	Training, Research & Development, Consultancy
6	National Highway Authority of India (NHAI)	03/08/2020	Training, Research & Development, Consultancy
7	Laxmi Engineers Services Pvt. Ltd	07/10/2016	Training, Research & Development, Consultancy
8	Reliance Infrastructure Ltd., Dahanu.	2016	1) Recognize the mutual interest in the fields of training, development, and dissemination of knowledge. 2) Recognize the importance of In-plant training activities for engineering students. 3) Recognize the importance of the Industry Partner within its fields of expertise.
9	Parikh Engineers and Associates	08/12/2016	Training, Research & Development, Consultancy
10	Shanti Prestressed Products Pvt. Ltd Miraj	08/12/2016	Training, Research & Development, Consultancy
11	Jabalpur college of Engg., Jabalpur.	2019	a) To implement an action plan for twinning activities in the current year b) To conduct courses, workshops, Trainings, and seminars/conferences. c) To establish Industry partnerships for joint R&D and joint UG, PG internships
12	Jawahar Shetakari Sahakari Karkhana Ltd. Hupari	15/03/2018	Training, Research & Development, Consultancy
13	Adani Electricity Mumbai Limited, ADTPS, Tal: Dahanu, Dist: Palghar.	2019-2020	1) Recognize the mutual interest in the fields of training, development, and dissemination of knowledge. 2) Recognize the importance of In-plant training activities for engineering students. 3) Recognize the importance of the Industry Partner within its fields of expertise.
14	SCON Infrastructure, Mumbai	June 2021	Training, Research & Development, Consultancy
15	UltraTech Cement, Solapur	29/09/2022	Training, Research & Development, Consultancy

16	Shapoorji Pallonji And Company Pvt. Ltd, Mumbai	13/06/2022	Training, Research & Development, Consultancy
17	KRA Constroteck Pvt. Ltd. Pune.	13/06/2022	Training, Research & Development, Consultancy
18	Sonai Infrastructure Pvt. Ltd, Sangli	13/06/2022	Training, Research & Development, Consultancy
19	Dr. Subbarao Environment Centre, Sangli	2022-2023	1) Planning and utilizing resources like staff and infrastructures for joint R&D work. 2) Sharing of the latest training trends in the educational and industrial fields. 3) Joint industrial training programme.
20	Credai, Sangli	2023-24	Training, Research & Development, Consultancy

2.2 Mechanical Engineering Department

1. Details of Research Publications FY 2023-24:

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
01	International Journal	Proposed Composite Similarity Metric Method for Part Family Formation in Reconfigurable Manufacturing System	Rutuja Shivdas and Sagar Sapkal	The International Journal of Advanced Manufacturing Technology, Vol. 125, pp. 2535 – 2548	Jan 2023
02	International Journal	Design of Material Handling System for Process industry	Jamil Dabir, Maruti Khot and Aarbaz Mutwalli	International Advanced Research Journal in Science, Engineering and Technology, Volume 10, Issue 7	July 2023
03	International Journal	Investigation of input parameters on damping force of MR Damper	Avinash A Pawar and Vishal V Dhende	Goya Journal, Volume 16, Issue 7	August 2023
04	International Journal	Vibrational analysis of vehicle coil spring suspension with urethane buffer	K.H. Inamdar and Shubham S. Patil	GRADIVA REVIEW Journal, volume 9, Issue 8	August 2023
05	International Journal	Finite Element analysis of Material handling System Component	Jamil Dabir, Maruti Khot and Aarbaz Mutwalli	International Journal of Engineering & Management Research, Volume 13, Issue 4,	August 2023
06	International Journal	A Review: MR Fluid technology	Avinash A Pawar and Vishal V Dhende	HBRP Publication Journal of Mechanics and Machines Volume 4, Issue 3	September 2023
07	International Journal	Review of Rotating Machinery Fault Diagnosis with Vibration Analysis	Farhan F. Mutwalli and Sandeep P. Nevagi	HBRP Publication Journal of Mechanics and Machines Volume 6, Issue 2	September 2023

08	National Journal	Numerical analysis for determination of the dumping force of the mgneto-heological (MR) fluid damper	Prabhakar Maskar and Laxman Waghmode	The Indian Journal of Technical Education	December 2023
09	National Journal	Applications of Nanofluids in Machining: A Review	Rahul Bhedasgaonkar and Uday Dabade	The Indian Journal of Technical Education	December 2023
10	National Journal	Process Parameters Optimization of In-House Developed Dual-Nozzle 3D Printer	Sagar Sapkal, Kalpak Pandhare, Faizanahmad Mujawar and Aniket Patil	The Indian Journal of Technical Education	December 2023
11	National Journal	A Review on Organic Rankine Cycle	Rustum S. Dhalait, Khushal D. Tikkas, Harshal S. Davange, Amol M. Kadam, Samarth R. Karpe, Rutuja P. Desai, Kasir M. Zare and Bajirao S. Gawali	The Indian Journal of Technical Education	December 2023
12	International Journal	Application of multi-criteria ABC Inventory Classification Approaches to Gearbox Manufacturing Industry	S.U. Sapkal and Anand Shivage	Journal of the institution of Engineers (India)	February 2024
13	International Journal	Comparative Study of Corner Manufacturing Approaches for Mounting of Circuit Breaker.	Ruturaj More and Sagar Sapkal	Materials today proceedings.	June 2024
Conference:					
01	International Conference	A Proposed Hybrid Clustering Approach for Cell Formation of Gear Box Manufacturing	Anand S. Shivade and Sagar U. Sapkal	7th International Conference on Production and Industrial Engineering, NIT Jalandhar	2023, March 10 - 12
02	International Conference	Reconfigurable Manufacturing System Generic Design Framework for System Level Design	Rutuja Shivdas and Sagar Sapkal	7th International Conference on Production and Industrial Engineering, NIT Jalandhar	2023, March 10 - 12
03	International Conference	Modelling of Dry EDM Process parameters during Machining of Inconel 718 using Artificial Neural Network	Amar S. Bhandare and Uday Dabade	3rd International Conference on Advances in Materials, Mechanics, Mechatronics and Manufacturing	15-16 April 2023
04	International Conference	Experimental Investigation of End-Milling Parameters During Machining of Inconel 625.	Akshay Soudagar, A.S. Bhandare, U.A. Dabade,	1st International Conference On	23-25 June 2023

			S.V. Gaikwad and R.R. Rajguru	Mechanical Engineering : Researches And Evolutionary Challenges	
05	International Conference	Development of Integrated Customer Relationship Management Tool for Predictive Analytics in Supply Chain Management	S.N. Dhisale, V.B. Nikhumbhe, P.P. Kerkar, H.P. Hinge, A.D. Revgade and U.A. Dabade	International Conference Data Analytics in Public procurement and Supply Chain	June 2023
06	International Conference	Optimization of Process Parameters by Taguchi based Grey Relational Analysis in Machining of AISI 4340 using Hybrid Nanofluids MQL	Rahul Bhedasgoankar and Uday A. Dabade	Advances in Physical Sciences and Materials (ICAPSM 2023)	2023 August, 17-18
07	International Conference	Application of Lot Size Techniques to Inventory of Gear Box Manufacturing Industry	Anand S. Shivade and Sagar Sapkal.	4th International Conference on Functional Materials, Manufacturing and Performances (ICFMMP-2023), organized by Lovely Professional University, Punjab.	2023 August 25-26
08	National	Numerical Analysis for Determination of the Damping Force of the Magneto-rheological (MR) Fluid Damper	Prabhakar Maskar and Laxman Waghmode	National Conference on Recent Trends In Mechanical and Electrical Engineering 2023, WCE Sangli	2023 Dec 21
09	National	Fixture Designing, Manufacturing and Installation of Special Hydraulic Cylinder Assembly	Shireen Kedar Inamdar and M.M. Khot	National Conference on Recent Trends in Mechanical and Electrical Engineering 2023, WCE Sangli	2023 Dec 21
10	National	Lean Manufacturing Tools Applied to Paper Industry	Milind Patil, Sagar U. Sapkal and Nikhil M. Amale	National Conference on Recent Trends in Mechanical and Electrical Engineering 2023, WCE Sangli	2023 Dec 21
11	National	Experimental Investigation of Bi-Nozzle 3D Printer	Sagar Sapkal, Kalpak Pandhare, Faizanahmad Mujawar and Aniket Patil	National Conference on Recent Trends in Mechanical and Electrical Engineering 2023, WCE Sangli	2023 Dec 21
12	National	A Review On Organic Rankine Cycle.	Rustum S. Dhalait, Khushal D. Tikkas, Harshal S. Davange, Amol M. Kadam, Samarth R. Karpe, Rutuja P. Desai,	National Conference on Recent Trends in Mechanical and Electrical Engineering 2023, WCE Sangli	2023 Dec 21

			Kasir M. Zare and Bajirao S. Gawali,		
13	International Conference	Influence of Surface and Tab Cooling on the Performance of LiFePO4 Pouch Cells.	Pravin Mane, Karthik Balasubramanian and Babaso Naik	1st International Symposium on Battery Technology Recent Advances, and Future Trends- 2024	2024 Jan 19
14	International Conference	Designing a Testing Apparatus for Assessing Battery Performance in Small Electric Vehicles under Varied Loading Conditions.	Pravin Mane, Karthik Balasubramanian and Babaso Naik	1st International Symposium on Battery Technology Recent Advances, and Future Trends- 2024	2024 Jan 19
15	International Conference	Selection of the Expander Machine for Power Output Organic Rankine Cycle.	Rustum S. Dhalait	8th National and 2nd International Conference on Refrigeration and Air Conditioning	2024 March 13 - 15
16	National Conference	Design, Development and Experimental Investigation Miniature moving magnet pulse tube cryocooler.	Jitendra G Shinde and M.M. Khot	10th National Conference on Emerging trends in Engineering and Technology at Bharati Vidyapeeth college of Engineering Kolhapur	2024 April 5
17	International Conference	Reconfigurable Manufacturing system: Key to Smart Manufacturing.	Rutuja Shivdas and S.U. Sapkal	Delhi Technology University (ISME 2024)	27 July 2024
18	International Conference	Design, Modelling, and FEA Analysis of Miniature Moving Magnet Compressor for Pulse Tube Cryocooler.	Jitendra G Shinde and M. M. Khot	Indian Journal of Science and Technology	20 July 2024

2. Google Scholar

Name of Faculty	Designation	Google Scholar						No. of Publications	
		2019 Onwards			All				
		Citations	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Prof. Dr. B.S. Gawali	Professor	201	9	8	270	11	11	33	47
Prof. Dr. U.A. Dabade	Professor	864	17	19	1487	18	21	50	86
Dr. K.H. Inamdar	Associate Professor	237	9	9	386	12	15	59	201
Dr. S. U. Sapkal	Associate Professor	322	10	10	440	11	11	35	80

Prof. B.N. Naik	Assistant Professor	0	0	0	2	1	0	2	1
Dr. S. V. Gaikwad	Assistant Professor	29	3	1	47	3	2	5	10
Dr. M.M. Khot	Assistant Professor	16	2	1	21	2	1	2	10
Prof. A.B. Admuthe	Assistant Professor	1	1	0	2	1	0	1	3
Prof. P.A. Mane	Assistant Professor	68	5	5	116	5	4	11	24
Dr. A.P. Patil	Assistant Professor	77	4	4	77	4	4	6	6
Prof. R.M. Chanmanwar	Assistant Professor	59	4	2	88	5	2	14	24
Prof. V. V. Dhende	Assistant Professor	1	1	0	1	1	0	1	6
Prof. P.D. Maskar	Assistant Professor	22	2	1	34	2	1	4	20
Dr. A.S. Bhandare	Assistant Professor	23	3	0	23	3	0	5	11
Prof. S. P. Nevgi	Assistant Professor	4	1	1	9	1	0	1	5
Prof. M.B. Patil	Assistant Professor	4	1	0	6	1	0	1	1
Prof. Rustum Dhalait	Assistant Professor	23	3	1	23	3	1	5	8
Dr. A.C. Patil	Assistant Professor	46	4	2	53	5	2	9	12

3. 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
01	Dr. B.N. Naik	Mechanical	Prof. Sangeeta Kohli	21-07-2014, IIT Delhi	Some studies in Cook stove testing and combustion kinetics	12 Dec 2023

4. Regular Degree Faculty Ongoing Ph.D. details

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis
01	Mr. P.A. Mane	Mechanical	Dr. Karthik Balasubramanian	21-12-2021, NIT Warangal	Battery Thermal Management system.
02	Mr. R.M. Chanmanwar	Mechanical	Dr. D. K. Shinde	01-12-2022, VJTI Mumbai	Optimization of Photo-Chemical Machining

03	Mr. S. D. Jagtap	Mechanical	Prof. M Mishra	27.7.2021, IIT Roorkee	Investigations in Heat Exchangers with Porous Media

5. Ph.D. Student Details of A.Y. 2023-24.

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
01	Sudhir Pandurang Nangare	Prof. Dr. B.S. Gawali	01/07/2017	Design, Development and Testing of Multi Pulse Tube Cryocooler with Oil Free Compressor	Ongoing
02	Supriya Krishna Darekar	Dr. S. U. Sapkal	July 2017	Investigation of Part Characteristics using Additive Manufacturing Process for Comparative Study	Ongoing
03	Anand Sudhir Shivade	Dr. S. U. Sapkal	July 2017	Application of Industrial Engineering Tools to Gear Box Manufacturing Industry for Productivity Improvement	Ongoing
04	Prateek Deoman Malwe	Prof. Dr. B.S. Gawali	30/07/2018	Energetic and Exergetic Assessment of a Cold Chain System for an Agricultural Product – Raisins	Ongoing
05	Rahul Chandrakant Bhedasgaonkar	Prof. Dr. U.A. Dabade	01/07/2018	Experimental Investigation of Performance of hybrid nano fluids in machining of difficult to cut materials under minimum quantity lubrication	Ongoing
06	Mahesh Sadashiv Shinge	Dr. S. U. Sapkal	July 2018	Effective Metaheuristics for Job Shop Scheduling Problem	Ongoing
07	Jitendra Govind Shinde	Dr. M. M. Khot	July 2018	Design, Development and experimental investigation of miniature moving magnet pulse tube cryocooler.	Ongoing
08	Vijayshingh Balaso Suryawanshi	Dr. M. M. Khot	July 2018	Design, Development and experimental investigation of miniature moving coil pulse tube cryocooler	Ongoing
09	Mahmadrafik Sajjadahmad Choudhari	Prof. Dr. B.S. Gawali	03/08/2018	Heat Transfer and Fluid Flow Analysis of Oscillating Flow Heat Exchanger – Pulse Tube Refrigerator	Ongoing
10	Nandkishor Sheshrao Deshmukh	Prof. Dr. B.S. Gawali	20/07/2019	Numerical and Experimental Investigation of Liquid Desiccant Cooling System	Ongoing
11	Rustum Sikandar Dhalait	Prof. Dr. B.S. Gawali	20/07/2019	Theoretical and Experimental Analysis of Low Temperature Power Cycl7 for Waste Heat Recovery	Ongoing

12	Nitin Somnarayan Chityal	Dr. S. U. Sapkal	July 2019	Investigation of Bushing Geometry and Thrust Force in Friction Drilling by Experimental and Optimization Approaches	Ongoing
13	Rutuja Krishnat Shivdas	Dr. S. U. Sapkal	July 2019	Performance Analysis of Reconfigurable Manufacturing System (RMS) for System Design and Operation	Ongoing
14	Manisha Nilkanth Alatkar	Prof. Dr. U.A. Dabade	13/09/2021	Optimization of Surface Finish and Mechanical Properties of Polylactic Acid (PLA) and Polyethylene Terephthalate Glycol (PETG) Products Processed by Additive Manufacturing	Ongoing

6. Patents Awarded:

SN	Title of Patent	Name of Faculty	Patent No.	Date of Award
01	Micro Abrasive jet Machine	Dr. U.A. Dabade and Dr. V.V. Vanmore	Patent registered no. 386859-001	19/10/2023
02	An Electromagnetic Attachment for (EDM) Electro Discharge Machining	Mr. Mahendra Ghayatadak, Dr. A S. Bhandare and Dr. U.A. Dabade	Publication Number 21/2022	27/05/2023
03	A Device for Generating Electricity Using Pressure Inside a Muffler	Dr. U.A. Dabade	Patent registered no.490005	27/12/2023
04	Magnetic cam driven pressure wave generator	Dr. M.M. Khot and Dr. B.S. Gawali	Patent registered-401331-001	09/02/2024
05	Brackets restricting canvas tearing	Dr. M.M. Khot and Dr. B.S. Gawali	Patent registered-403178-001	21/02/2024
06	Real-Time Temperature Monitoring System for Casting Plant	Suhas Dhondiram Jagtap, Rahul Mohan Chanmanwar and Vijay Pandurang Mohale	Patent no. 528985	19/03/2024
07	Bag holder device for motorcycle	1. Mr. Avadhut Rajaram Jadhav 2. Mr. Jitendra Govind Shinde 3.Mr. Gajendra Jaysing Pol 4.Dr. Sunil Jagannath Kadam 5.Dr. Maruti M. Khot 6.Mrs. Swati Pradip Shinde 7.Mr. Nikhil Kakasaheb Kadam 8.Mrs. Radhika Mahesh Mane 9.Mrs. Dipali Ashutosh Alone 10.Mr. Mahesh Vilas Mane 11.Mr. Sujit Vishwanat Kumbhar	Patent no. 405814-001	28/03/2024

08	Bike-powered nutcracker attachment	Dr. B.S. Gawali, Dr. M.M. Khot and Miss Snehal Patil	Application Number 412002-001	Receipt Dated 16/05/2024
09	Concrete wall cushioning polymer apparatus	Dr. B.S. Gawali, Dr. Aniket Patil and Mr. Sandeep Nevagi	Application Number 412001-001	Receipt Dated 16/05/2024
10	Thermally insulated vacuum jacketed Cover	Dr. B.S. Gawali	Application Number 412005-001	Receipt Dated 10/05/2024
11	Fluid heat flow controlling device	Dr. B.S. Gawali, Mr. Mahmadrafik Choudhari and Mr. Rustum Dhalait	Application Number 412004-001	Receipt Dated 03/05/2024
12	Magnet-pole piece assembling device	Dr. B.S. Gawali	Application Number 412003-001	Receipt Dated 29/03/2024
13	Elastomeric composite filled automobile tyre	Dr. B.S. Gawali, Mr. Pratham K. Jadhav and Mr. Sandeep P. Nevagi.	Application Number 413041-001	Receipt Dated 09/04/2024
14	Metal Joining Precision connector	Dr. B.S. Gawali, Dr. A.S. Bhandare and Dr. S.U. Sapkal	Application Number 413043-001	Receipt Dated 09/04/2024
15	Biomimetic wind turbine blade device	Dr.K.H. Inamdar, Kiran Pandurang Kamble, Rohit Dhanaji Ghorpade and Nupur Bajarang Jamadagni	Application Number 417652-001	Receipt Dated 22/05/2024

7. Patents Filed

SN	Title of Patent	Name of Faculty	Patent No.	Filled Date
01	An Electromagnetic attachment for Electro Discharge Machining	Dr. A S. Bhandare	Patent registered, Docket No 36630	Receipt dated 26/04/2023
02	BIKE-POWERED NUTCRACKER ATTACHMENT	Dr. B.S. Gawali	Application Number 412002-001	Receipt Dated 29/03/2024

8. Faculty successfully completing courses from foreign universities/ NPTEL/ SWAYAM:

Sr. No.	Name of the Faculty	Title of the Course	Date of Completion	Name of University
01	Jamil Dabir	German-II [Jan.-Apr. 2023]12 weeks	Exam:29-04-2023 Result:18-5-2023	NPTEL online certification

02	Jamil Dabir	GERMAN II Faculty development program [1½ week FDP]	Exam:29-04-2023 Result:18-5-2023	NPTEL-AICTE
03	Dr. S.U. Sapkal	ASME E-FEST Career 2023 Course	23 September 2023	ASME E-Fest Career
04	Omkar Hankare	Introduction to CFD using Open FOAM	16 October 2023	NPTEL-IIT Madras
05	Jamil Dabir	German - III [Jul-Oct. 2023]	Exam:28-10-2023 Result:21-11-2023	NPTEL online certification
06	Prabhakar Maskar	SWAYAM NPTEL course on Finite Element Method.	8 May 2024	NPTEL online certification
07	Vishal V. Dhende	Behavioral Finance	12th May, 2024	Duke University, USA / Coursera
08	Vishal V. Dhende	Foundations of the Fourth Industrial Revolution (Industry 4.0)	11 th June 2024	Project Management Institute/ Linkedin Learning
09	Dr. S.U. Sapkal	SWAYAM NPTEL course on Project Management	Feb-April2024, Completed with Silver Medal	IIT-Roorkee

9. Faculty Achievements:

Name of faculty	Prize/Award received	Organization/ Institute	Month and Year
Dr. S.U. Sapkal	External examiner for PhD Progress review committee	DKTE's Textile and Engineering Institute, Ichalkaranji.	18 July 2023
Dr. M. M. Khot	Mentor for students to undergo the Engineering DESIGN Internship Program	La Fondation Dassault Systemes	22 July 2023
Dr. S. U. Sapkal	Mentor for students to undergo the Engineering DESIGN Internship Program	La Fondation Dassault Systemes	22 July 2023
Prof. R.M. Chanmawar	Recognition as a post Graduate Teacher	Shivaji University, Kolhapur	18 August 2023
Prof. P.A. Mane	Recognition as a post Graduate Teacher	Shivaji University, Kolhapur	18 August 2023
Dr. A.P. Patil	Recognition as a post Graduate Teacher	Shivaji University, Kolhapur	18 August 2023
Dr. S. U. Sapkal	Life FELLOW	Indian Institute of Production Engineers	w.e.f. 19 October 2023

Dr. S.V. Gaikwad	Life FELLOW	Indian Institute of Production Engineers	w.e.f. 19 October 2023
Dr. S.U. Sapkal	External Academic Auditor for Mechanical Engineering Department.	Sharad Institute of Technology, Yadrav, Ichalkaranji	28 Oct 2023, 28 Dec 2023
Dr. S. U. Sapkal	Member	American Society for Mechanical Engineers (ASME)	31 October 2023 (2023-24)
Dr. U.A. Dabade	Member	American Society for Mechanical Engineers (ASME)	31 October 2023 (2023-24)
Dr. S. U. Sapkal	PhD Thesis evaluator	P.H.A. Solapur University, Solapur	November 2023
Dr. S.U. Sapkal	Paper setter for PhD entrance examination 2023-24	Shivaji university, Kolhapur	11 Jan 2024
Prof. P.A. Mane	Lab India Best Paper Award	1st International Symposium on Battery Technology Recent Advances, and Future Trends- 2024	19-21 January 2024
Dr. S. U. Sapkal	Guiding & Mentoring students for the successful completion of Phase-I Engineering DESIGN Internship Program Y 2023-24 For the Coursework Converting 'Fused Deposition Modeling 3D Printer' to 3D Digital Twin	La Fondation Dassault Systemes	19 March 2024
Dr. M.M. Khot	Guiding & Mentoring students for the successful completion of Phase-I Engineering DESIGN Internship Program Y 2023-24 For the Coursework Converting 'Fused Deposition Modeling 3D Printer' to 3D Digital Twin	La Fondation Dassault Systemes	19 March 2024
Dr. S.U. Sapkal	Nominated and attended BOS meeting as subject expert.	D.Y. Patil college of Engineering and Technology, Kolhapur	Year 2023-24, 03 June 2023, 18 March 2024,
Dr. S.U. Sapkal	External examiner for PhD viva voce	Punyashlok Ahilyadevi Holkar Solapur University, Solapur.	23 Feb 2024
Dr. M.M. Khot	Received 1st prize for presenting paper on Design, Development and Experimental Investigation Miniature moving magnet pulse tube cryocooler	10th National Conference on Emerging trends in Engineering and Technology at Bharati Vidyapeeth college of Engineering Kolhapur	5 April 2024

| Dr. S.U. Sapkal | Subject Expert for recruitment colloquium | RIT Sakhrale | 13 June 2024 |
| Dr. S.U. Sapkal | External Academic Auditor for Mechanical Engineering Department. | Sharad Institute of Technology, Yadrav, Ichalkaranji | 28 Oct 2023, 28 Dec 2023 |

10. GATE Toppers (All India Rank Less Than 5000): A.Y. 2023-24

Sr. No.	Candidate Name	Branch	All India Rank
01	Rohan Dyaneshwar Salunkhe	Mechanical	314
02	pranav subhodh sawant	Mechanical	1629
03	Swaraj Sunil mule	Mechanical	3936

11. CAT Toppers (More Than 80%): A.Y. 2023-24

Sr. No.	Candidate Name	Branch	Percentile
1	Pranav Subhash Pawar	Mechanical	87.06
2	Aasawari Abhay Supekar	Mechanical	97
3	Siddhant Sachin Gujar	Mechanical	84
4	Rushikesh Lokare	Mechanical	96
5	Prathamesh Kinekar	Mechanical	99.04
6	Kalash Bhagwat	Mechanical	97.785
7	Samruddhi Waikar	Mechanical	85
8	Pranav Pawar	Mechanical	84.06

12. FDP/Training Program/Guest Lecture organized by Faculty and Staff:
Activity Conducted:

Name of Event	Details of Event (duration, no. of participants and resource person)	Name of Event Coordinator	Date of Event
Database Management system, Data Modelling	Dr. R.R. Rathod	Prof. J.M. Dabir	12 April 2023
Changing industrial landscape and PLM PERSPECTIVE in FMCG sector	Ms. Vaishanvi Shindagi	Prof. J.M. Dabir	21 April 2023
National Conference on Recent trends in mechanical and Electrical Engineering (NCRTMEE-2023)	Reviewers and session chairs	Dr. S.U. Sapkal and Dr.D.S.More	21 Dec 2023
WCE Annual Alumni Meet 2024-Reunion 1999	1999 pass out batch	Dr. S.U. Sapkal	06 Jan 2024
EXPERT LECTURE ON MICRO ABRASIVE JET MACHINING	Dr. Vinod .V. Vanmore (Assistant Professor-SETI, Panhala Kolhapur)	Dr. A.S. Bhadare	15 April 2024

13. Guest Lecture Organized by Faculty:

Name of Faculty	Place	Subject	Date of Lecture
Dr. S.U. Sapkal	WCE, Sangli	"Introduction to Robotics" by Expert Mr. Nilesh Sutar, Sr. Robotics Engineer.	29 Jan 2024

14. FDPs/Conference/Workshop Attended by Faculty, Staff:
Events Attended by Faculty:

Name of Event	Details of Event (duration and organizing institute)	Name of Faculty	Date of Event
Orientation towards Technical Education and Curriculum Aspects	National Initiative for Technical Teachers Training	Prof. R.M. Chanmanwar	1 April 2023
Professional Ethics and Sustainability	National Initiative for Technical Teachers Training	Prof. R.M. Chanmanwar	1 April 2023
2 days' workshop on ,Teaching Learning Interventions for professional Excellence and Better Learning Experience	NICMAR Pune	Dr. K. H. Inamdar	27 April, 28 April 2023
Intensive Training Programme	Maharashtra state Faculty Development Academy, Pune	Dr. S.U. Sapkal	15 May to 19 May 2023
Attended the BOS meeting in Mechanical Engineering and Technology as subject expert.	Shivaji university, Kolhapur.	Dr. S.U. Sapkal	23 June 2023, 24 July 2023, 19 April 2024
Nominated and attended BOS meeting as subject expert.	D.Y. Patil college of Engineering and Technology, Kolhapur	Dr. S.U. Sapkal	Year 2023-24, 03 June 2023, 18 March 2024,
Effective Curriculum Implementation	Faculty Development Programme (FDP), NITTTR Chandigarh and ICT Mumbai	Prof. R.M. Chanmanwar	24 July 2023 to 28 July 2023
Counseling for Student Development	National Institute of Technical Teachers training and research, Chennai	Prof. P.A. Mane	11 September to 15 September 2023
Four Week Online Course on, Communication Skills, Modes and Knowledge Dissemination	Conducted by SWAYAM and NITTTR, Chennai.	Prof. R.M. Chanmanwar	May to Sept. 2023
Four Week Online Course on "Instructional Planning and Delivery"	Conducted by SWAYAM and NITTTR, Chennai.	Prof. R.M. Chanmanwar	May to Sept. 2023
Four Week Online Course on "Technology Enabled Learning and Life-Long Self Learning"	Conducted by SWAYAM and NITTTR, Chennai.	Prof. R.M. Chanmanwar	May to Sept. 2023
Four Week Online Course on, Student Assessment and Evaluation	Conducted by SWAYAM and NITTTR, Chennai.	Prof. R.M. Chanmanwar	May to Sept. 2023
One day orientation Program on Indian knowledge system	Organized by Willingdon College, Sangli	Dr. S.U. Sapkal	26 Oct 2023
Research methodology using ChatGpt & AI tools and funding opportunities for research	PG department of computer application, The internal Quality Assurance Cell (IQAC) and Lincoln University	Dr. M.M. Khot	23 Nov. to 01 Dec. 2023

	College Marine Research Centre (LUC MRC) of Marian College Kuttikanam		
NEP 2020 Orientation & Sensitization Programme	Coimbatore Institute of Technology, Coimbatore	Dr. A.C. Patil	Monday Jan 1 – Friday Jan 10, 2024.
ATLA FDP	ATLA FDP on Emerging trends in Electric Vehicles	Dr. S.V. Gaikwad	08 Jan to 13 Jan 2024
Dassault Systemes SolidWorks 2024 & 3DEXPERIENCE -Hands on Workshop on FEA / CFD / MBD (Kinematics) / Solid Modeling Assignments	ADCET Ashta	Dr. A.C. Patil	2 Feb 3 Feb 2024
Plastic Waste Management	NPTEL-AICTE FDP	Dr. A.S. Bhandare	March 2024
FDP on Program Project Management	NPTEL-AICTE FDP	Dr. S.U. Sapkal	Feb-Apr 2024
Completion certificate for all eight modules of NITTTR.	Conducted by SWAYAM and NITTTR, Chennai.	Prof. R.M. Chanmanwar	April 2024
Module 8: Institutional Management and Administrative Procedures	AICTE	Prof. R.M. Chanmanwar	April 2024
Module 7: Creative Problem Solving, Innovation and Meaningful R&D	AICTE	Prof. R.M. Chanmanwar	April 2024
Five days FDP on, Additive Manufacturing: Potential and challenges.	Department of Mechanical Engg. GALGOTIAS Univesity	Dr. S.V. Gaikwad	13 May to 17 May 2024
Five days FDP on, Additive Manufacturing: Potential and challenges.	Department of Mechanical Engg. GALGOTIAS University	Dr. B.N. Naik	13 May to 17 May 2024

15. Guest Lecture Delivered by faculty

Name of Faculty	Place	Subject	Date of Lecture
Dr. B.S. Gawali	Shri Sant Gajanan Maharaj College of Engineering, Shegaon	Two Days guest lecture series- Current trend in Thermal-Fluidics	27 and 28 October 2023
Dr. A.S. Bhandare	SBGI Miraj	Recent Trends in Mechanical Engineering	12th January 2024

16. Industrial Visits:

Place of Industrial Visit	Coordinator of Industrial Visit	Total Participants	Date of Visit
Sun Auto Components & Swabhimani Dairy, Industrial Estate Jaysingpur	Prof. R.S. Rustum, Prof. M.B. Patil	89	13 October 2023
Accurate Gauging India Ltd., Hadpsar Pune	Dr. S.U. Sapkal, Dr. A.C. Patil	39	14, 15 October 2023

Jagdeesh Iron and Steel and Aluminium Extrusion Pvt. Ltd. Kupwad MIDC, Sangli	Dr. A.S. Bhandare, Dr. A.C. Patil, Prof. S.P. Nevagi	83	6 November 2023
Jagadeesh Iron & Steels Pvt Ltd, Plot no. D – 23, M.I.D.C, Miraj Block Miraj – 416 410	Dr. A.S. Bhandare, Prof. M.B. Patil, Prof. S. P. Nevagi	80	28 March 2024

17. MoU's Signed with Industries and Institutes in last five Years:
1. Industry:

MOU signed between Alpha Tec Technology and Walchand College of Engineering, Sangli. By, Mr. Manoj Chougule, Managing Director Alpha Tec Technology and Prof.Dr.U.A. Dabade, Dr.P.K. Kharat and Mr.P.A. Mane, Walchand College of Engineering Sangli.	Date: 06 Nov 2023

2.3 Electrical Engineering Department

1. Details of Research Publications AY 2023-24:

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
01	International Journal	Degradation Assessment of Oil-Impregnated Paper Insulation for Converter Transformer Based on FDS using Digital Image Processing	Shrikant S. Mopari, D. S. More, A. S. Bhalchandra, Pannala Krishna Murthy, K. M. Jadhav	SSRG International Journal of Electrical and Electronics Engineering, vol. 10, no. 8, pp	9th to 22nd Sept., 2023
02	International Journal	Health assessment of converter transformer pressboard insulation based on FDS and digital image processing	Shrikant S. Mopari, D.S. More, A.S. Bhalchandra, Pannala Krishna Murthy, K.M. Jadhav and R.C. Kamble	Measurement: Sensors, Volume 29	Oct., 2023
03	International Journal	"Power Quality Improvement of Microgrid by using DVR "	Ankita Pakale, Mr. M. S. Mahagaonkar,	International Journal of Engineering Research & Applications Volume 13, Issue 7, July 2023, Page No. 69-75	July,2023
04	International Journal	" Design and Development of a Scaled Prototype of a 250MW Hydrogenerator Fed 765 kV Transmission Lines to Test Sub-Synchronous Oscillation in Power System Laboratory,"	Vijay Mohale, T. R. Chelliah and Yogesh. V. Hote	2023 IEEE Industry Applications Society Annual Meeting (IAS), Nashville, TN, USA, 2023, pp. 1-6, doi: 10.1109/IAS54024.2023.10406652. (IAS Annual Meeting Nashville, TN, USA).	July, 2023
05	International Journal	"Common-Ground Double Gain Five Level Inverter for Distributed Energy Resources"	U. T. Patil, M. Waware and V.P. Mohale	2023 IEEE International Conference on Power	July, 2023

				Electronics, Smart Grid, and Renewable Energy (PESGRE), Trivandrum, India, 2023, pp. 1-7, doi: 10.1109/PESGRE58662.2023.10404612. (PESGRE, Trivandrum, India).	
06	International Conference	"Review on Green Energy Alternatives for Electric Vehicle Charging"	Manjiri Tamhankar, Ramchandra Hasabe	2023 International Conference on Power Energy, Environment & Intelligent Control (PEEIC), Greater Noida, India. 13	March 2024
07	International Conference	Influence of a Shunt FACTS Devices on Distance Relay Using IEEE Bus System"	Dr. R. P. Hasabe presented a paper on	3rd international Conference on Computational Modelling , Simulation and Optimization, Phuket (Thailand)	14-16 June, 2024.
08	International Conference	Dr. V. P. Mohale presented paper on"A Novel Levy-Flight Arithmetic optimizer for Security Constrained Unit Commitment Problem in Renewable Hybrid Power System for Reliability"	Dr. V. P. Mohale	2024 IEEE IAS Industrial and Commercial Power System Asia on 9-12 July, Pattaya, Thailand.	July, 2024
09	International Conference	Dr. V. P. Mohale presented paper on "Benefits of Adjustable – Speed Pumped Hydro Units Running in Turbine Made fr Wide Water Head Variation Reservoir"	Dr. V. P. Mohale	2024 IEEE IAS Industrial and Commercial Power System Asia on 9-12 July, Pattaya, Thailand.	July, 2024
10	International Conference	Dr. V. P. Mohale published Paper on "Common-Ground Double Gain Five Level Inverter for Distributed Energy Resources",	Dr. V. P. Mohale	2023 IEEE International Conference on Power Electronics, Smart Grid, and Renewable Energy (PESGRE), Trivandrum, India, 2023, pp. 1-7, doi: 10.1109/PESGRE58662.2023.10404612. (PESGRE, Trivandrum, India).	
11	International Conference	Assessment of Electricity and Electricity Standby Sources of WCE by the use of IOT	Prashant Jawale, Vikram Sathe	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023

12	International Conference	Fast Current-Only Based Fault Detection Method in Microgrid Using Real-Time Simulation	Dr. R. P. Hasabe, Ms. Rutuja Zende	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023
13	International Conference	An Interleaved Boost Power Factor Correction Converter with Model Predictive Controller: A Comprehensive Review	Dr. S. S. Karvekar, Ms, Shweta Bhosale	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023
14	International Conference	Efficient and Cost-Effective Fault Detection and Tolerant Control for Switch Open-Circuit Faults in Boost DC-DC Converters	Dr. D. S. More, Satyawan Jagtap,	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023
15	International Conference	Electric Vehicle	Mr. A. N. Inamdar, Sourabh Alase, Siddhi Nage	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023
16	International Conference	Agriculture Pumping Efficiency: Electricity Capacitor conundrum in India-Maharashtra case study	Mrs. A. A. Dhamangaonkar , Mr. A. P. Dhamangaonkar	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023
17	International Conference	Planning EV Fast Charging Stations in Distribution Systems: An Optimal Approach and Impact	Mr. A. B. PAtil ,Atul Kamble, Pallavi Jadhav,	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023
18	International Conference	Application of Permanent Magnet Synchronous Motor in Solar Water Pump	Mr. M.S. Mahagaonkar ,Mr. S. S. Medhekar , Dr. V. P. Mohale	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023
19	International Conference	Bidirectional DC to DC converters: A review	Dr. Mrs. A. S. Karvekar Dr. S. S. Karvekar	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023

20	International Conference	Electric and Hybrid Vehicles –A Comprehensive Overview	Mrs. S. P. Diwan	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) 21st December 2023	Dec, 2023

2. Google Scholar

Name of Faculty	Designation	Google Scholar							
		2019 Onwards			All			No. of Publications	
		Citations	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Dr. D. S. More	Associate Professor	254	8	8	434	11	12	46	54
Mr. A.B. Patil	Associate Professor	116	6	2	304	10	10	18	26
Dr. R. P. Hasabe	Assistant Professor	37	3	2	100	5	3	8	16
Mrs. S. P.Diwan	Assistant Professor	49	4	2	89	4	3	15	16
Dr. S. S. Karvekar	Assistant Professor	51	05	0	77	7	2	12	20
Mr. V.P. Mohale	Assistant Professor	72	5	2	80	5	2	19	28
Dr. Mrs. A. S. Karvekar	Assistant Professor	6	2	0	20	2	0	3	7
Mrs. A. A. Dhamangaonkar	Assistant Professor	1	1	0	1	1	0	1	1

3. **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	Dr. D. S. More	Associate Professor, Electrical Engineering	Dr. B. G. Fernandes	July 2005	Design and Analysis of Three-Phase Flux Reversal Machine for Rooftop Wind Power Application.	Completed on 20th October 2010

2	Dr. R. P. Hasabe	Assistant Professor, Electrical Engineering	Prof. Dr. A. P. Vaidya	1st 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 09th May 2017
3	Dr. S. S. Karvekar	Assistant Professor, Electrical Engineering	Dr. P. M. Joshi	1st July 2017 Shivaji University, Kolhapur	Implementation and Performance Analysis of Electrified Transportation System using Enhanced Phase Locked Loop	Completed on 5th February 2024
4	Dr. V. P. Mohale	Assistant Professor, Electrical Engineering	Dr. Thanga Raj Chelliah and Dr. Yogesh V. Hote	16th Aug 2020 IIT, Roorkee	Analysis of Sub synchronous Oscillation in Hydro Power System	Completed on 24th July 2023

4. Regular Degree Faculty Ongoing Ph.D. details

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis
1	Mr. A. B. Patil	Electrical Engineering	Prf. Dr. R. H. Chile	December 2012	Robust Optimal Control
2	Mrs. S. P. Diwan	Electrical Engineering	Dr. Rajin Linus SGU, Atigre	June 2022	Performance Enhancement of Microgrid Using Adaptive Droop Control Strategy

5. Ph.D. Student Details of AY2023-24.

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Thombre R. D.	Dr. D. S. More	August 2015	Design, analysis and control of bidirectional power converter for hybrid ac/dc micro-grid system.	Completed on 23rd January 2023
2	Jagtap S. R	Dr. D. S. More	August 2017	Design and development of reliable switching power converters by real time switch open-circuit and short-circuit fault diagnosis and fault tolerant control.	Completed on 6th April 2024
3	Mopari S. S	Dr. D. S. More	August 2019	Analysis of impact of surges and harmonics on the insulation of converter transformer	Ongoing
4	Shedbalkar K. S	Dr. D. S. More	August 2019	Development and Analysis of day ahead power forecasting technique for solar photovoltaic system	Ongoing

5	Mrs. Jadhav P. R.	Dr. D. S. More	August 2019	Optimization Technique based Load Scheduling in Customer Driven Microgrid"	Ongoing
6	Mrs. Chavan D. R.	Dr. D. S. More	August 2019	Low frequency electrical energy disaggregation in NILM using machine learning approach	Ongoing
7	Mrs. A. A. Dhamangaonkar	Dr. R. P. Hasabe	January 2022	Smart Battery system for electric vehicle	Ongoing
8	Mrs. Y. N. Bhosale	Dr. R. P. Hasabe	January 2022	Effective relay co-ordination in hybrid distribution system	Ongoing
9	Supriya Anil Puri	Dr. R. P. Hasabe	January 2022	A robust classification Approach for Detection for Efficient Monitoring of Micro-grid systems.	Ongoing
10	Mrs. M. M. Tamhankar	Dr. R. P. Hasabe	January 2023	Renewable Energy Supported Battery Charging Systems for Electrical Vehicle	Ongoing
11	Omkar Swami	Dr. R. P. Hasabe	January 2023	Power quality enhancement of autonomous microgrid using Optimization Techniques.	Ongoing

6. Books Published by Faculties:

Sr. No.	Name of Faculty	Title of Book	Name of Publisher	Year of Publication
1	Mr. M. S. Mahagaonkar	Basic Electrical Engineering	Amazon-Kindle Publications	2019
2	Dr. D. S. More, Dr. M. M. Waware, Dr. V. P. Mohale	Power Electronics & Its Applications	Khanna Publishing ISBN 10: 93-55380-42-9	2022

7. Patents Awarded:

Title of Patent	Name of Faculty	Patent No.	Date of Award
A Method of Working of Vibration Isolation System using Phononic Material in a Structure	Pradeep Borde, Dr. S. B. Kadam, Dr.S. N. Tande, Mr. S. D. Jagtap, Mr. V. P. Mohale	202121001002	29-01-2021
A method to suppress vibration in a Civil Engineering structure using a 3-Dimentional Isolator.	Mr.R.R.Bamane, Dr.S.B.Kadam, Dr.P.H.Sawant, Dr.S.N.Tande, Mr.V.P.Mohale ,Mr.B.N.Naik, Mr.S.D.Jagtap, Dr.A.P.Patil	2021104588	29-01-2021

REAL-TIME TEMPERATURE MONITORING SYSTEM FOR CASTING PLANT	R.M.Chanmanwar, S.D. Jagtap, Mr.V.P.Mohale	202021050021	05-03-2021
Design Patent on "Transformer Drying chamber"	Mr.V. P. Mohale Mr.S.S. Karvekar Dr. R. P. Hasabe Mr. A. B. Patil	345392-001	16/07/2021
A method to estimate insulation resistance from residual moisture in a low power transformer	Mr.V. P. Mohale Mr.S.S. Karvekar Dr. R. P. Hasabe Mr. A. B. Patil	E-12/979/2021/MVM	09/10/2021
Design Patent on "Electricity Meter testing device"	Mr.V.P.Mohale	350377-001	12-11-2021
A smart egg incubation system with gender identification and machine learning based automatic controlling	Mr.V.P.Mohale	202121033967	04-02-2022
Design Patent on "Smart Egg Hatching Machine"	"Dr. V . P Mohale, Dr. R. P . Hasabe"	346668-001	24-02-2022
Fire Detection and Prevention Device	Dr. S. S. Karvekar	360656-001	12/05/2022
A Control System and Method to Dampen SSO in Variable Speed Pumped Storage Units Connected with Extra High Voltage Transmission Lines.	Vijay Mohale Thanga Raj Chelliah and Yogesh V.Hote	202211069377	19-05-2023
Device To Detect Harmonic Distortion	Dr. S. S. Karvekar and Dr. A. S. Karvekar	390173-001	12/07/2023
Deep Learning Based Framework for Automated Accident Detection of Vehicles Based on Multimodal Sensors	Mr. A. N. Inamdar	202341047266	01/09/2023
Conduit Separator Cover for Transmission Line	WCE Sangli Dr. S. S. Karvekar Dr. P. G. Sonavane	388413-001	6/9/2023
SMART HOME ENERGY MONITORING AND THEFT PREVENTION SYSTEM USING INTERNET OF THINGS (IOT)	Mr. M. S. Mahagaonkar	Issue No. 47/2023	24/11/2023
Autonomous Vehicle Navigation System Using Advanced Machine Learning Techniques	Mr. A.N.Inamdar	202441047239	28/06/2024

8. Patents Filed

Title of Patent	Name of Faculty	Patent No.	Date of File
Agricultural Weather Monitoring and Fire Detection System (Design)	WCE Sangli Dr. S. S. Karvekar	397658-001	15/10/2023

Transmission line Protection (Utility)	Dr. P. G. Sonavane		
	WCE Sangli Dr. P. G. Sonavane Dr. S. S. Karvekar Dr. Mrs. A. A. Agashe	202321086052	20/12/2023

9. Foreign Visits of Faculty:

1. **Dr. R. P. Hasabe:**

Conference Details:
- Event: 3rd International Conference on Computational Modelling, Simulation and Optimization Phuket, THAILAND, June 14-16, 2024.
- Location: ANDAMANTRA RESORT & VILLA, Phuket Thailand.
- IEEE Conference Record Number: 61761
- Dates: June 14-16, 2024
- Paper Presentation : Dr. Ramchandra P. Hasabe

Topic: Influence of a Shunt Facts Devices on Distance Relay Using IEEE Bus System

Report:

3rd International Conference on Computational Modelling, Simulation and Optimization (ICCMSO-2024) is being organized by Innovative Research Foundation (IRF) during June 14-16, 2024 at Phuket, THAILAND . ICCMSO-2024 Phuket aims to provide a platform for researchers, engineers, academicians, and industry professionals from all over the world to present the research results, development and advanced activities in Engineering and Computational Sciences. The conference provides an opportunity for the delegates to exchange novel ideas and research findings in a face-to-face environment, establish business or research relationships, and find global partners for future collaboration.

Publications: All the accepted, registered and presented full-length papers of ICCMSO-2024 will be published in the form of Proceedings by CPS which will be submitted to Xplore and CSDL for SCOPUS indexing. (https://www.computer.org/conferences/cps) Author(s) can also choose the registration with Abstract submission with a reduced fee for the presentation only.

Key Points Discussed:

Computational Intelligence, Design, Analysis and Applications of Optimization Algorithms, Deterministic, Dynamic, Stochastic, Robust and Combinatorial Optimization Models, Mathematical Modelling and Simulation CAD/CAE.

Conclusion: In this study, the adaptive distance protection technique is discussed. The wavelet transform is used to extract the features from the voltage and current waveforms. The neural network then receives the feature vector as input. The scheme's performance under different system factors and conditions was studied using simulation studies. On the other hand, even with the shunt compensator present in the fault loop, the relay functions properly when employing the suggested way. The tansig function was selected as the transfer function for the hidden layers I and II after a variety of possible combinations of transfer functions, including logsig, tansig, and linear functions, were analyzed. The pure linear function "Purelin" in the output layer yields satisfactory results.

Outcomes:

ICCMSO-2024 Phuket aims to provide a platform for researchers, engineers, academicians, and industry professionals from all over the world to present the research results, development and advanced activities in Engineering and Computational Sciences. The conference provides an opportunity for the delegates to exchange novel ideas and research findings in a face-to-face environment, establish business or research relationships, and find global partners for future collaboration.

Workshop Activity Photos:

2. Dr. V. P. Mohale:

Conference Details:

- Event: 2024 IEEE IAS Industrial and Commercial Power System Asia (IEEE I&CPS Asia 2024)
- Location: Pattaya, Chonburi, Thailand
- Dates: July 9-12, 2024
- Coordinator: Dr Vijay P Mohale

Topic: Benefits of Adjustable-Speed Pumped Hydro Units Running in Turbine Mode for Wide Water Head Variation Reservoir

Report:

The 2024 IEEE IAS Industrial and Commercial Power System Asia conference, held in Pattaya, Chonburi, Thailand, provided a platform for professionals and researchers to discuss cutting-edge advancements in industrial and commercial power systems. A significant highlight was the presentation on "Benefits of Adjustable-Speed Pumped Hydro Units Running in Turbine Mode for Wide Water Head Variation Reservoir."

Key Points Discussed:

1. Introduction to Adjustable-Speed Pumped Hydro Units:
2. Wide Water Head Variation Reservoirs:
3. Benefits in Turbine Mode:
4. Case Studies and Examples:
5. Future Prospects:

Conclusion:

The presentation on the benefits of adjustable speed pumped hydro units running in turbine mode highlighted their critical role in modernizing and stabilizing power systems, particularly in regions with wide water head variation reservoirs. By combining efficiency, flexibility, and environmental benefits, ASPHUs represent a promising solution for addressing the challenges of renewable energy integration and grid stability.

The 2024 IEEE IAS I&CPS Asia conference served as a valuable forum for sharing knowledge and fostering innovation in the field of industrial and commercial power systems, with presentations like this paving the way for future advancements.

Outcomes:

1. Enhanced Understanding of Adjustable-Speed Pumped Hydro Units
2. Advancements in Energy Storage Solutions
3. Networking and Collaboration Opportunities
4. Policy and Regulatory Insights
5. Technological Innovations and Trends
6. Educational and Professional Development
7. Environmental Impact and Sustainability

Workshop Activity Photos
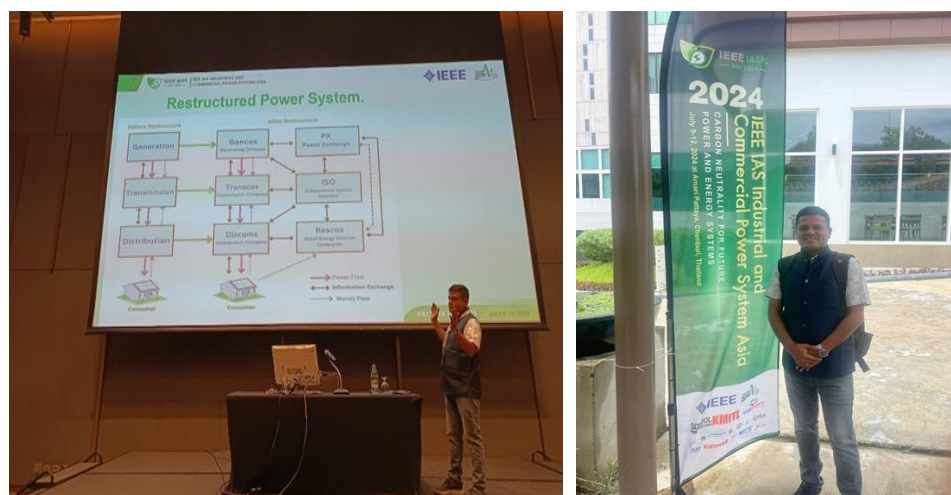
10. Faculty successfully completing courses from foreign universities/ NPTEL/ SWAYAM:

Sr. No.	Name of the Faculty	Title of the Course	Date of Completion	Name of University
1	Mrs. S. L. Shaikh	Stress Management	Aug- Sept 2023	IIT, Kharagpur <u>Note</u>: Obtained All India Rank 1, with 93% Score

11. 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			
2018-19	Development of Certified Training Centre of Siemens Automation and Drives Lab Consisting of i) S7 1200 PLC information Technology HMI System- 6 No's ii) SINAMICS, 6RA80 Information Technology information Technology DC Motor- 01 No's SINAMICS G120 Information Technology Information Technology AC Motors- 04 No's	TEQIP- III	33 Lakhs
B. Other agencies - National and International (Major Projects)			
2013-17	Performance comparison of Wavelet, Neural and Time domain Reference Current Extraction (RCE) strategies for Power Quality Improvement using Distribution static Compensator (DSTATCOM) based on VSI inverter in dynamic and steady loading conditions.	AICTE	15.66 lakhs

Year wise	Name of the project	Funding agency/Industry	Grant Received Rs. Lakhs
2015-19	RGSTC-TIFAC MSME Internship Programme in Maharashtra at Walchand College of Engineering , Sangli	Rajiv Gandhi Science & Technology Commission, Government of Maharashtra	3.48 lakh
2019-20	"Utilization of OFF-Grid solar Photovoltaic energy for the wireless charging of electric vehicles"	NPIU, New Delhi,	14.69 lakh

12. Faculty Achievements in last Five Years

Name of faculty	Prize/Award received	Organization/ Institute	Year
Dr. R. P. Hasabe	Working as a Board of Studies members in Electrical Engineering and Technology	Shivaji University, Kolhapur.	2018
Dr. D. S. More	Working as a Board of Studies members in Electrical Engineering and Technology	Shivaji University, Kolhapur.	2018
Dr. R. P. Hasabe	Worked as a Jury Member	Smart India Hackathon (2020)	2020
Dr. S. S. Karvekar	Worked as a Jury Member	Smart India Hackathon (2020)	2020
Mr. A B. Patil	All India Topper Rank & Gold Card with score 99.38	NPTEL Course on Fuzzy Logic systems and Applications.	2021
Dr. R. P. Hasabe	Worked as a Jury Member	Smart India Hackathon (2022)	2022
Dr. S. S. Karvekar	Worked as a Jury Member	Smart India Hackathon (2022)	2022
Dr. V P. Mohale	Best Paper Award	ONCON IEEE	2022
Dr. M. M. Waware	Selected as Joint Secretary	UGC New Delhi	2022

| Dr. V P. Mohale | Best Poster Award | Institute Research Day, IIT Roorkee | 2022 |
| Dr. Mrs. A. S. Karvekar | Completed PhD in Electrical Engineering | Shivaji University, Kolhapur | 2024 |

13. GATE Toppers (All India Rank Less Than 5000):

Sr. No.	Candidate Name	Branch	All India Rank
1	ROHAN VIKRANT PAWAR	ELECTRICAL	35
2	ROHAN VIKRANT PAWAR	INSTRUMENTATION	57

14. FDP/Training Program/Guest Lecture organized by Faculty and Staff:
Activity Conducted:

Name of Event	Details of Event	Name of Event Coordinator	Date of Event
Voting campaign 2024	Conducted by Mr. Ratan Kadam, Mr. Satish Kambale, Mr.Swapnil Chavan and Mr. Atul Jadhav Team SMKCI and organized by EESA	Dr. S.S. Karvekar	22nd March 2024
One Week Faculty Development Program As per DTE-IITB MOU Organized by Walchand College of Engineering, Sangli in collaboration with Indian Institute of Technology, Bombay & Directorate of Technical Education, Maharashtra State	Electromagnetics: Principles and Applications	Dr. Vijay Mohale	09th to 13th October 2023
Two days Training for faculty and student on ETAP applications to Power Systems	Organized by Dept. of Electrical Engineering	Dr. V. P. Mohale Mr. M. S. Mahagaonkar	8th and 9th November 2023
2 month workshop on "Empowering Engineers by bridging data realms with R and Python"	Conducted by Prof. Shayantan Banerjee, IIT Bombay	Dr. S.S. Karvekar	10th Feb to 30th March 2024
Two Days Workshop for T. Y. B. Tech and M. Tech Students	Power System Protection for Practicing Engineers	Dr. V. P. Mohale	5th and 6th April 2024

15. Guest Lecture Organized by Faculty:

Name of Faculty	Place	Subject	Date of Lecture
Mr. V. S. Sathe	WCE, Sangli	Smart Grid Opportunities and Current Technology Status	21st March 2024
Dr. D. S. More	WCE, Sangli	Electric Railway Traction System	18th August 2023
Mr. N. V. Patel	WCE, Sangli	Multi-Agent System	6th September 2023

Dr. S. S. Karvekar	WCE, Sangli	AI and Machine Learning in Healthcare Systems	16th October 2023
Dr. V. P. Mohale	WCE, Sangli	Practical Aspect for Power Electronics Converter Design	19th October 2023
Dr. V. P. Mohale	WCE, Sangli	Recent Advancement in Power Electronics Linked to Power System	06th November 2023.
Dr. V. P. Mohale	WCE Sangli	ETAP Applications to Power System Engineering	8th and 9th November 2023.

16. FDPs/Conference/Workshop Attended by Faculty, Staff:

Events Attended by Faculty:

Name of Event	Details of Event	Name of Faculty	Date of Event
Recent Trends in Smart Energy Market (AI/ML, Blockchain applications)	Five days online STTP	Dr. S. S. karvekar	3rd to 7th July 2023
Recent Trends in Smart Energy Market (AI/ML, Blockchain applications)	Five days online STTP	Dr. Mrs A. S. Karvekar	3rd to 7th July 2023
IoT with Machine learning	STC	Mr. A. B. Patil	14th to 18th July 2023
VLSI to System Design	STC	Mr. A. B. Patil	31st July to 4th August 2023
Recent Trends in Smart Energy Market (AI/ML, Block chain applications)	Five Days FDP	Dr. V. P. Mohale	3rd to 7th July 2023
Artificial Intelligence Applications in Power Systems	webinar	Dr. V. P. Mohale	19th August 2023
Sustainable Technologies & Energy Management of Hybrid Microgrid (STEMM-2023)	Published STTP Hybrid Mode Short Term Course and Faculty Development Programme	Dr. V. P. Mohale	12th to 16th July 2023
NITTT Module 3 Communication Skills Modes & Knowledge Dissemination NITTT Module 4 Instructional Planning and Delivery NITTT Module 5 Technology Enabled Learning & Life Long Self Learning NITTT Module 6 Student Assessment and Evaluation	FDP	Dr. S. S. Karvekar	April 2023 to Sept 2023
NITTT Module 3 Communication Skills Modes & Knowledge Dissemination NITTT Module 4 Instructional Planning and Delivery NITTT Module 5 Technology Enabled Learning	FDP	Dr. V. P. Mohale	April 2023 to Sept 2023

& Life Long Self Learning NITTT Module 6 Student Assessment and Evaluation			
NITTT Module 3 Communication Skills Modes & Knowledge Dissemination NITTT Module 4 Instructional Planning and Delivery NITTT Module 5 Technology Enabled Learning & Life Long Self Learning NITTT Module 6 Student Assessment and Evaluation	FDP	Dr. Mrs. A. S. Karvekar	April 2023 to Sept 2023
on Curriculum framework in line with NEP 2020, OBE and AI Advancements, and has successfully completed all the tasks, assignments and assessments and secured an A grade.	Seven Days National Level Online Faculty Development Programme	Mrs. S. P. Diwan	12th to 19th October 2023
Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)	Participated in Online Mode Short Term Course and Faculty Development Programme	Mrs. S. P. Diwan	24th to 28th January 2024
Emerging Trends in Electric Vehicle	One week FDP	Dr. S. S. Karvekar	8th to 13th January 2024
Emerging Trends in Electric Vehicle	One week FDP	Dr. Mrs. A. S. Karvekar	8th to 13th January 2024
Emerging Trends in Electric Vehicle	One week FDP	Mr. N. V. Patel	8th to 13th January 2024
Emerging Trends in Electric Vehicle	One week FDP	Mr. A. N. Inamdar	8th to 13th January 2024
Recent Advances in Artificial Intelligence & Machine Learning	Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program	Mr. A. N. Inamdar	18th to 23rd December 2023.
NITTT Module 7 Creative Problem Solving , Innovation and Meaningful R & D NITTT Module 8 Institutional Management & Administrative Procedures	FDP	Dr. S. S. karvekar	Sept 2023 to Feb 2024
NITTT Module 7 Creative Problem Solving , Innovation and Meaningful R & D NITTT Module 8 Institutional Management & Administrative Procedures	FDP	Dr. V. P. Mohale	Sept 2023 to Feb 2024

NITTT Module 7 Creative Problem Solving , Innovation and Meaningful R & D NITTT Module 8 Institutional Management & Administrative Procedures	FDP	Dr. Mrs A. S. Karvekar	Sept 2023 to Feb 2024
Data Science with Machine Learning Workshop	FDP	Mr. A. N. Inamdar	5th to 10th February 2024
Data Science with Machine Learning	One week Value added course/FDP	Mr. M.S. Mahagaonkar	5th to 10th February 2024
Advanced Technologies in Electrical Engineering	Five Days Online FDP	Mr. M. S. Mahagaonkar	13th to 17th February 2024
Drone Training Program at Garuda Aerospace, Chennai	One week Training	Dr. S. S. Karvekar	8th to 12th July 2024 (2 days and Practical Sessions for 3 days)
Completed the NEP 2020 Orientation & Sensitization Programme under Malviya Mission Teacher Training Programme of UGC	STTP	Dr. V. P. Mohale	22nd to 30th April 2024
Completed NEP Orientation and Sensitization Programme	STTP	Dr. S. S. Karvekar	16th to 18th May 2024 and 20th to 25th May 2024.

17. Guest Lecture Delivered by faculty:

Name of Faculty	Place	Subject	Date of Lecture
Dr. D. S. More	KIT, Kolhapur	Introduction to Hydrogen and Fuel Cell Technology	28th November 2023
Dr. S. S. Karvekar	SWERI college, Pandharpur	Empowering Electric Vehicle Technology and Integration" on the topic "Topologies of Electric Vehicle"	20th December 2023
Dr. S. S. Karvekar	ADCET, Ashta	Charging infrastructure and EV topologies	1st January 2024
Dr. D. S. More	ADCET, Ashta	Future trends and advances in Electrical Engineering	3rd January 2024
Dr. S. S. Karvekar	WCE, Sangli	Emerging Trends in Electric Vehicles	8th to 13th January 2024
Dr. V. P. Mohale	WCE, Sangli	Emerging Trends in Electric Vehicles	8th to 13th January 2024
Dr. V. P. Mohale	Padmashri Dr. V. B. Kolte College of Engineering, Malkapur	Future Trends & Advances in Electrical Science	16th February 2024
Dr. D. S. More	Nana Mahadik College of Engineering, Peth	Hydrogen and fuel cell Technology	22nd February 2024

Dr. D. S. More	Motors for Electrical Vehicles	Sant Gajanan Maharaj College of Engineering, Mahagaon	27th March 2024
Dr. S. S. Karvekar	Sant Gajanan Maharaj College of Engineering, Mahagaon	Battery Management Systems	27th March 2024
Dr. D. S. More	Inverters	DKTE, Ichalkaranji	8th April 2024
Mr. M.S. Mahagaonkar	D.Y.Patil Technical Campus, Talasande, Kolhapur	Performance of Transmission Lines	20th April 2024

18. Industrial Visits:

Place of Industrial Visit	Coordinator of Industrial Visit	Total Participants	Date of Visit
220 KV MSETCL, Miraj	Dr. R. P. Hasabe, Dr. S. S. Karvekar, Dr. V. P. Mohale	70	18th September 2023
Magnevin Capacitor Manufacturing Industry, Kupwad M.I.D.C.	Dr. V. P. Mohale	10	4th November 2023
Educational Visit to Tillari Hydroelectric Power Station, Tillari Nagar, Taluka - Chandgad, District - Kolhapur	Mr. V. S. Sathe Mrs. A. A. Dhamangaonkar	55	22nd January 2024
33/11kV Substation, Vishrambag	Mr. N. V. Patel Dr. V. P. Mohale	75	7th February 2024
Warna Hydro Power Plant	Dr. R. P. Hasabe, Dr. V. P. Mohale, Mr. S. S. Medhekar	55	13th February 2024
Educational Visit to Siemens, Goa	Mr. V. S. Sathe Mrs. K. S. Kokitkar	8	28th March 2024

19. MoU's Signed with Industries and Institutes in last five Years:
Academic
1. Jabalpur Engineering College (JEC), Jabalpur. (14/05/2019)

Industry:
1. Adani Electricity Mumbai Limited, ADTPS, Tal: Dahanu, Dist: Palghar. (02/03/2020)
2. Tata Power Skills Development Institute (TPSDI) (28/01/2021)
3. M.S.E.D.C.L. Institute Training & Safety Eklahare, Nashik-422105 (05/06/2023)
4. Garuda Aerospace Pvt. Ltd., Chennai (05/06/2024)

2.4 Electronics Engineering Department

1. Details of Research Publications AY 2023-24:

SN	Type of Publication	Title Of Paper	Names of Authors	Journal / Conference Details	Date of Publication
1	International Journal	"Smart Energy Monitoring Node"	Balkrishna Ramchandra Limaye, Dr.S. G. Tamhankar	Advanced Research in Electrical, Electronics and Instrumentation Engineering,	4, April 2023
2	International Journal	"Iot Based Smart Shopping Trolley"	Utkarsha Harale , Dr. B. G. Patil , Ashwini Patil	Advanced Research in Electrical, Electronics and Instrumentation Engineering,	4, April 2023
3	International Journal	"Object Detection And Dimension Measurement Using Opencv",	Aishwarya Vijay Pathade, Sanjay Dhaigude	Advanced Research in Electrical, Electronics and Instrumentation Engineering,	4, April 2024
4	International Journal	"Real Time Water Treatment Plant Monitoring System: Review"	Mayuri Kulkarni, Rajan Mevekari	Advanced Research in Electrical, Electronics and Instrumentation Engineering	4, April 2023
5	International Journal	"Development Of IOT Based Support System For Epi-Lepsy And Paralyzed Patient"	Vaishali Gorakh Waghmode, Dr.Manasi M. Patil,	Electronics Information Technology Science and management	5, April 2023
6	International Conference	Comparative Study Of Lumbar Spine X-Ray Image Enhancement Techniques For Detection Of Lumbar Abnormality	Meghana R. Khare	Computational Intelligence in Engineering System	31-Oct-22
7	International Journal	Predicting The Anterior Slippage Of Vertebral Lumbar Spine Using Densenet-201	Meghana R. Khare	Biomedical Signal Processing and Control	Sep-23
8	International Journal	IOT Based Epilepsy and Paralyzed Patient Support System	Vaishali G. Waghmode1, Dr. S. D. Ruikar, Dr M. M. Patil	Gradiva Review Journal	2023
9	International Journal	Hospital Management System	Pranali Pramod Vasudev Dr.S. D. Ruikar	Gradiva Review Journal	2023
10	International Journal	Gesture Recognition for Deaf and Dumb People	Smith Bhowate, Sachin Ruikar, Ravindra Rathod, Anantkumar Umbarkar	Indian Journal Of Technical Education	December 2023

11	International Journal	Pneumonia Disease Detection in Chest X-Rays using Deep Learning: A Survey	A. J. Umbarkar, Manisha Dabade, Arpita Khond, Sachin Ruikar	Indian Journal Of Technical Education	December 2023
12	International Journal	Towards Intelligent Lighting: An Ai Based Approach With Lpc2138	Mr. Sagar R. Khedkar, Avishka Pashine, Siddika Tahasildar, Chaitali Shinde, Bhagyashri Chaugule	International Journal Of Novel Research And Development	03-Mar-24
13	International Journal	Sign Language Recognition Of Words And Sentence Prediction Using LSTM And NLP	Ms. Rashmi S. Gaikwad, Dr. Mrs. L. S. Admuthe	Journal of Theoretical and Applied Information Technology	29th Feb, 2024
14	International Journal	Multi-User Real-Time Sign Language Recognition Of Words Using Transfer Learning Of Deep Learning Neural Networks	Ms. Rashmi S. Gaikwad, Dr. Mrs. L. S. Admuthe	Journal of Theoretical and Applied Information Technology	31st August, 2023
15	International Conference	Real-Time Sign Language Recognition Of Words And Sentence Generation Using Mediapipe And LSTM	Ms. Rashmi S. Gaikwad, Dr. Mrs. L.S. Admuthe	International Joint Conference on Advances in Computational Intelligence(IJCACI 2022)	Conducted on October 14-15, 2023, Proceedings published on 02 April 2024

2. Google Scholar

Name of Faculty	Designation	Google Scholar							
		2019 Onwards			All			No. of Publications	
		Citations	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Dr. B. G. Patil	Associate Professor	26	2	1	42	5	1	8	
Dr. Mrs. A. A. Agashe	Associate Professor	32	4	1	78	5	4	8	
Dr. S. D. Ruikar	Associate Professor & HoD	272	10	11	588	12	14	49	
Dr. S. G. Tamhankar	Assistant Professor	54	4	2	103	6	3	15	
Mrs. M. R. Khare	Assistant Professor	9	1	0	9	1	0	3	
Mr. S. R. Khedkar	Assistant	41	4	1	41	4	1	6	

	Professor							
Mrs. N. S. Babar	Assistant Professor	44	2	1	60	3	2	4
Ms. R. S. Gaikwad	Assistant Professor	4	1	0	4	1	0	2
Mrs. D. R. Chavan	Assistant Professor	25	3	2	28	3	2	3

3. 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	Dr. B. G. Patil	Electronics	Dr. Mrs. Shaila Subbaraman	2006	Human Feature Vector & Classifier through IRIS Pattern Recognition	3rd July 2015
2	Dr. Mrs. A. A. Agashe	Electronics	Dr. S. K Bodhe	2003	Mobility management in Adhoc Network: A Special reference to handoff mechanism.	17th November 2009
3	Dr. S. D. Ruikar	Electronics	Dr. D. D. Doye	22/11/2006	Image Denoising using Wavelet Transform	22 March 2013
4	Dr. S. G. Tamhankar	Electronics	Dr. F. R. Kazi VJTI	2012	Sque Investigation in Communication and Security of Cyber Physical System	9 April 2021

4. Ph.D. Student Details of AY 2023-24.

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/ Uni	Title of the Thesis	Completed on
1	Mrs. Supriya Prashant Diwan	Electronics	Dr.(Mrs.) Shraddha Sunil Deshpande	01/08/2016	Development of NMPC algorithm on FPGA using PSO for nonlinear fast dynamic systems	Spiral Thesis Submitted
2	Mrs.Vilabha Sachin Patil	Electronics	Dr.(Mrs.) Shraddha Sunil Deshpande	18/07/2016	Design of Control Mechanism for Power Saving with Configurable Architecture	Spiral Thesis Submitted
3	Mr. Chanchal M. Patil	Electronics	Dr. S. D. Ruikar	23/12/2017	Devlop an algorithm with feature extraction using 3D DWT and CNN with depth information and contour map.	Ongoing
4	Mr. Shrenik Suresh Sarade	Electronics	Dr. S. D. Ruikar	15/07/2019 (Not registered with University)	Development of Wide Band MassiveMulti-Band MIMO Antenna forMillimeter Wave	Completed on 21/02/2024
5	Ms. Sheetal Umakant Pawar	Electronics	Dr. B.G.Patil	30/07/2019 (Not registered with	Development of an Intelligent Framework for Pulmonary Nodule Detection and Classification	Ongoing

				University)		
6	Mr. Mirajoddin U. Inamdar	Electronics	Dr. S. D. Ruikar	15/07/2019 (Not registered with University)	Design and development of an Intelligent Algorithm for Trust Management in M2M Communication towards IOT	Ongoing

5. Books Published by Faculties:

Sr. No.	Name of Faculty	Title of Book	Name of Publisher	Year of Publication
1	Dr. Sachin D. Ruikar	Electromagnetics	Nirali Publication Pune, ISBN 978-93-5164-138-4	June 2017
2	Shrenik Suresh Sarade; S. D. Ruikar	Digital Convergence in Antenna Design: Applications for Real-Time Solutions	Wiley, 2024, pp.57-86,Ch3	2024

6. Patents Awarded:

Title of Patent	Name of Faculty	Patent No.	Date of Award
Technique for generating a mother wavelet from the Speech signal for evaluation of wavelet transform to capture time variations in speech signal Indian Patent	Dr. Mrs. S. D. Apte	123/MUM/ 2002/3402	25/08/2006
Pass Transistor Adiabatic Logic Circuit Standby Mode(PAL2NSM)	Dr.S.Subbaraman	2315/MUM2011	17/08/2011
Multiband MIMO Antenna	Dr. Sachin D. Ruikar Mr. Shrenik S. Sarade	388415-001	23/08/2023
Smart Solar Electricity Generator Device	Dr. Mrs A. A. Agashe Dr.Pratap G. Sonavane	388414-001	15/06/2023

7. Patents Filed:

Title of Patent	Name of Faculty	Patent No.	Date of File
Transmission line Protection	Dr. Mrs A. A. Agashe	No- 202321086052	16/12/2023
Solar Energy (Utility patent)	Dr. Mrs A. A. Agashe	No- 202321086053	16/12/2023
Smart Egg Hatching Machine	Dr S.G.Tamhankar	205547	23/07/2021
Dual Band MIMO Antenna	Dr. Sachin D. Ruikar Mr. Shrenik S. Sarade	423039-001	12/07/2024

8. Faculty successfully completing courses from foreign universities/ NPTEL/ SWAYAM:

Sr. No.	Name of the Faculty	Title of the Course	Date of Completion	Name of University
1	Mrs. N. S. Babar	Deep Learning	15th May 2024	NPTEL, IIT Ropar

9. Ongoing Research Projects

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
A. College Funded Minor Projects			
1	Implementation of Autonomous Driving System Framework for safe driving	WCE Sangli	1.50
2	Kitchen Waste Based Biogas Plant in Hostel Mess	WCE Sangli	3.0
C. Industry sponsored Minor Projects			
1	5G & IOT for Intelligent Health Care	ATA Freight Line India Pvt. Ltd.	20.0

10. Faculty Achievements in last Five Years

Name of faculty	Prize/Award received	Organization / Institute	Year
Mr. N. V. Marathe	Committee member for school Curriculum revision NEP 2020	National Education Policy	2023
	Appointed as a Member of State Level Diploma Admission Committee	MSBTE	
Dr. S. G. Tamhankar	Sub-committee member for Engineering Curriculum revision NEP 2020	National Education Policy	
	Appointment as a Review committee member for Centre of Excellence	VJTI, Mumbai	
Mrs. M. R. Khare Ms. S. U. Patil	Seed funding is approved of Rupees - 2,50,000	WCE, Sangli	
Ms. S. U. Patil	Jury member for State level Technical Paper Presentation Competition Waltronics 2023	WCE, Sangli	
Mr. Sagar Khedkar, Ms. Rashmi Gaikwad Ms. Deepika Chavan	Judges for events Cicuitrux, Mock Placement Drive and Tech thrive respectively	ELECTROVERT WCE, Sangli	
Ms. R. S. Gaikwad Mrs. D. R. Chavan	Reviewer for IEEE ICECCC conference 2024	CMR Institute of Technology, Bengaluru	2024
Mrs. N. S. Babar	Elite plus Silver grade in NPTEL online Course	NPTEL course by IIT, Ropar	
Mr. S. R. Khedkar	Qualified GATE 2024	IISc Bengaluru	

11. GATE Toppers:

Sr. No.	Candidate Name	Branch	All India Rank
1	Nikita Nitin Mota	Electronics and Communication Engineering	4056
2	Rutuja Anandrao Kakade		5119
3	Ninad Narendra Kulkarni		5643

4	Mohit Sanjay Mehendale		7458
5	Soham Sachin Pujari		7824
6	Amruta Jeevan Rendale		9923
7	Kanhaiya Muralidhar Velapure		10399
8	Prasad Mahesh Waychal		11981
9	Ninad Narendra Kulkarni	Data Science and Artificial Intelligence	3864
10	Amruta Jeevan Rendale		8507

12. FDP/Training Program/Guest Lecture organized by Faculty and Staff:
Activity Conducted:

Name of Event	Details of Event	Name of Event Coordinator	Date of Event
ELECTROVERT 2k23	International Level Technical Event organized by the Electronics Engineering Students' Association (ELESA)	ELESA students and Electronics department faculty	4th and 5th November 2023
EmbeddedThon	A Mini Hackathon on Embedded Systems Design to empower the students for the design and development of embedded system.	Mr. S. R. Khedkar	9th November 2023.
Embedded Battle	A Mini project competition for embedded system design.	Mr. S. R. Khedkar	21st and 22nd November 2023.
National conference on Communication, Image Processing and Computing (NCIPC 2023)	NCIPC 2023 jointly organized by Department of Electronics Engineering, Information Technology and Computer Science Engineering. Chief Guest: Dr. M. B. Kokare, Professor, SGGS, Nanded invited for the conference.	Dr. S. D. Ruikar	15th December 2023
One week Atal FDP organized on "Emerging Trends in Electric Vehicle"	One week Atal FDP organized on "Emerging Trends in Electric Vehicle", at WCE, Sangli. Total 40 Participants were registered for FDP.	Dr. S. D. Ruikar	8th to 13th January, 2024
One day NVidia Deep Learning Course	One day NVidia Deep Learning Course organized for faculty and TY students at WCE, Sangli. Mrs. Minakshi Atre from PVG, Pune invited as a speaker.	Dr. A. A. Agashe	12th Feb 2024
Online seminar by Vector India on "Emerging Trends in Embedded Systems"	The seminar was conducted by Mr. Satish Gadhe, Recruiter and soft skills trainer, Vector India for TY students.	Mr. R. G. Mevekari	8th Feb 2024
One day workshop organized on "Controller and Compensation	The workshop conducted for SY electronics students by Mr. Balkrishna Limaye, owner of Shree Hariprasad InfoEducationals, Kolhapur	Mrs. M. R. Khare	27th March 2024

techniques- Hands on session"			
One day workshop on "Getting Started with MATLAB & Simulink for Engineering Applications"	The workshop was conducted for faculty, M. Tech. and PhD students. The speaker for the workshop was Mr. Ankit Kumar, Application Engineer, DesignTech Systems Pvt. Ltd., MathWorks	Mrs. M. R. Khare	19th June 2024

13. Guest Lecture Organized by Faculty:

Name of Faculty	Place	Subject	Date of Lecture
Mrs. N. S. Babar	WCE, Sangli	Guest session organized on "Object oriented Programming with Arduino" for TY students at WCE, Sangli. Mr. Vinay Honrao and Mr. Vinay Sidhaye from AVR Tech, Sangli were the guest of session.	31st October 2023
Mr. R. G. Mevekari	WCE, Sangli	A demo session on Front end, Back end VLSI by Trident Tech lab Technology at WCE, Sangli	1st December 2023
Mr. S. R. Khedkar	WCE, Sangli	Guest lecture for SY Electronics students under course MPI on Design and Development of Embedded System Design Based applications using Evaluation boards and Study Kits	15th March 2024
Dr. Mrs. A. A. Agashe	WCE, Sangli	A session on Mendeley Elsevier on promoting research culture	12th Feb 2024

14. FDPs/Conference/Workshop Attended by Faculty, Staff:
Events Attended by Faculty:

Name of Event	Details of Event	Name of Faculty	Date of Event
One-week online FDP on "Antennas for 5G communications and Beyond."	FDP organized by department of Electronics and communication Engineering, Aditya Engineering Collage (A), Surampalem in association with IETE which provided design concepts of Antenna for 5G	Dr. S. D. Ruikar	3rd-8th July 2023
Cognizant Faculty Enrichment Program I Train the trainer session on Blockchain Technology	The session organized by Cognizant trainers for faculty development	Ms. S. U. Patil, Mr. S. R. Khedkar Ms. N. S. Babar	7th July, 2023
online one week FDP on "Outcome Based Education for effective Learning and Teaching"	FDP organized by Association of Indian Universities & Amet University.	Mrs. N. S. Babar	19-27th July 2023
FDP on Arm India VLSI to System Design: Silicon to End Application Approach	The FDP launched by All India Council for Technical Education (AICTE) in association with Arm Education and ST Microelectronics with support from Cadence Design Systems	Dr. S.D.Ruikar, Mr. R.G.Mevekari, Mr. S. K. Parchandekar, Mrs. M.R khare Mr. S.R.Khedkar Mrs. N.S.Babar	31st July to 4th August 2023

Attendee of the 13th India-Japan Science and Technology Conclave: International Conference On Frontier Areas of Science and Technology (Icfast-2023)	The Conclave was organized in Shivaji University, Kolhapur.	Mrs. D. R. Chavan	8th and 9th Sept 2023
STTP on Emerging Trends in AI and ML	STTP organized at Rajashri Shahu College of Engineering, Pune.	Mr. R.G.Mevekari, Mr. S. K. Parchandekar	8th to 12th August 2023
One Week Faculty Development Program (FDP) on "Electromagnetics: Principles and Applications"	FDP organized at Indian Institute of Technology, Bombay (IITB)	Ms. S. U. Patil Ms. M.R. Khare Ms. D. R. Chavan Ms. R. S. Gaikwad	9th to 13th October 2023
BE 10'X AI TOOLS Workshop	The workshop is mentored by Aditya's IIT Kharagpur Alumni in online mode	Mr. S. R. Khedkar Mrs. N. S. Babar	8th October 2023
Participation in international Teachers Olympiad	The event was organized by Suraasa, world's leading platform for teacher upskilling and growth.	Mr. S. R. Khedkar	7th October 2023
Attendee of webinar on How to get published in a scholarly journal: Top Tips from a Publisher	The webinar was conducted by Elsevier	Mrs. D. R. Chavan	6th November 2023
5 Days Online FDP on AIML for Satellite Image Analysis-MATLAB & Python Perspective	The FDP organized by CMR Institute of Technology, Bengaluru focused on using MATLAB for Satellite image processing.	Mrs. N. S. Babar	20th to 24th November 2023
Master Training Orientation Programme for School Connect (NEP Connect) Abhiyan"	The training was organized by Internal Quality Assurance Cell, Shivaji University, Kolhapur.	Mr. N. V. Marathe	16th January 2024
One day NVidia Deep Learning Course	The workshop organized at WCE, Sangli. Faculty got NVIDIA DLI certificate for successful completion of Fundamentals of Deep Learning	Mrs. M. R. Khare Mrs. N. S. Babar	12th Feb 2024
Certificate of attendance for Promoting the research culture with Mendeley	Session on Mendeley organized at WCE, Sangli. Research culture and reference citation manager was discussed in session	Dr. S. G. Tamhankar, Dr. A. A. Agashe, Mr. S. K. Parchandekar, Mr. N. V. Marathe, Mr. R. G. Mevekari, Mrs. M. R. Khare Mrs. N. S. Babar	12th Feb 2024
One Week Short-Term Course on Advances in Signal Processing, Communication and VLSI (ASPCV-2024)	STTP was organized by Department of Electronics & Communication Engineering National Institute of Technology, Delhi.	Dr. S. D. Ruikar Ms. S. U. Patil	22nd to 27th April 2024
One week online FDP on "Industry 5.0 for Society 5.0"	The FDP was organized by Department of E&TC, in association with IEEE Communication Society Pune Chapter,	Mrs. N. S. Babar	18th March 2024 to 22nd March 2024

	IEEE Women in Engineering and Society for Data Science.		
Two-week Faculty Development Programme (FDP) on Inculcating Entrepreneurial values for students with special focus on "Innovation and Start-up ecosystem	The FDP was organized by Department of Management Studies and sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB), DST, GOI	Dr. S. D. Ruikar	18th to 29th March 2024
A resource person for Two-week Faculty Development Programme (FDP) on Inculcating Entrepreneurial values for students.	The FDP was organized by Department of Management Studies and sponsored by National Science & Technology Entrepreneurship	Dr. S. D. Ruikar	4th to 15th March 2024
One Week Faculty Development Programme on "Emerging Trends and Developments in Simulation and Fabrication of Semiconductor Devices (online)"	The FDP was organized by the School of Electronics Engineering at VIT-AP University, Amaravati.	Ms. S. U. Patil Mrs. D. R. Chavan Ms. R.S. Gaikwad Mr. S. R. khedkar	2nd to 8th May 2024
One week FDP on "A comprehensive Power System Optimization Tool: GAMS ''	The FDP was organized by Dept of Electrical Engineering RIT Sakhrale in association with RIT IEEE Student branch and RIT CTL	Ms. S. U. Patil	21st to 25th May 2024.

14. Guest Lecture Delivered by faculty:

Name of Faculty	Place	Subject	Date of Lecture
Mrs. M. R. Khare	ADCET, Ashta.	Guest session delivered on "Raspberry Pi" at ADCET, Ashta.	30th October 2023
Dr. S. G. Tamhankar	PVPIT, Budhgaon	Guest lecture on Design Analysis and Algorithms	15th March 2024
Mr. N. V. Marathe	D. Y. Patil College of Engineering and Technology, Kolhapur	A talk on "NEP-2020 Implementation"	22nd November 2023.
Mr. N. V. Marathe	Dr. Bapat Bal shikhan mandir, Sangli	Keynote Address on "Sanskrit Sammelan"	3rd March 2024
Mr. N. V. Marathe	IIIT Bengaluru, co-located with ISEC 2024	A talk at Digital Twin Workshop	22nd February 2024

15. MoU's Signed with Industries and Institutes in last five Years:
Academic
1. Sardar Patel Institute of technology, Mumbai (25/7/2023)
Industry:
1. Go-Green Technologies Pvt. Ltd., Mumbai (25/7/2023)
2. Veritas Software Technologies, India Pvt. Ltd., Pune (01/12/2020)

2.5 Computer Science and Engineering Department

1. Details of Research Publications AY 2023-24:

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
01	Conference	"Automatic Bone Cancer Detection – A comprehensive survey"	Ms M.S.Dabade Dr S.P.Sonavane Ms Shinde G.R Mrs A.M.Chimanna	Hinweis 2 nd International conference on Networking, Communication and Computing technology (NCCT 2023)	26 August 2023
02	Book Chapter	Identification of Autism Spectrum Disorder Using Machine Learning and Deep Learning Techniques	Dr. Anil Surve, Prathmesh Kshirsagar, Mr. S.D.Pujari	Intelligent Solutions for Cognitive Disorders (IGI Global)	February 2024
03	Conference	"Fatigue and Drowsiness Detection using CNN"	Dr. A. R. Surve Manisha S Dabade	International Conference on Emerging Trends in Microelectronics, Communication & Intelligent Systems (ETMCIS 2024) organized by School of E&TC Engineering MIT Academy of Engineering Alandi, Pune. (Scopus indexed)	13 th – 15 th June 2024
04	Conference	"Text Summarizer and Translator using NLP"	Mrs. A. M. Chimanna& UG students	Hinweis 2 nd International Conference on Networking, Communication and Computing Technology, NCCT-2023.	26 th August 2023
05	Book Chapter	"Exploring Lung Cancer Pathologies Using Metaphoric Interventions of Deep Learning Techniques"	Mrs. S. A. Aitwade	IoT, Machine Learning and Data Analytics for smart Healthcare, CRC Press (Scopus indexed)	March 2024
06	Conference	"Estimation of Height of Building Using High Resolution Satellite Image"	Dr. N. L. Gavankar	10th International Conference on Geographical Information Systems Theory, Applications and	2 nd – 4 th May 2024

				Management (GISTAM 2024) held in Angers – France.	
07	Conference	"Image caption generation using deep learning techniques"	Mr. S. D. Pujari	Hinweis International Conference on machine Learning and Image Processing 2023.	22 nd Dec 2023
08	Journal	"Efficient classification model for anxiety detection in autism using intelligent search optimization based on Deep CNN"	Mrs A.M.Chimanna	Multimedia Tools and Applications(SCI Indexed)	08 January 2024
09	Conference	Audit Report Coverage Assessment using Sentence Classification	Ms. A. A. Pawde	Sixth Workshop on Financial Technology and Natural Language Processing	Nov, 2023
10	Journal	A blockchain-based deep learning system with optimization for skin disease classification	S Rokade, N Mishra	Biomedical Signal Processing and Control 95, 106380	2024
11	Journal	Privacy preservation of medical data in blockchain with secret key generation using RideNN	S Rokade, N Mishra	Multimedia Tools and Applications, 1-23	2024

2. Google Scholar:

Name of Faculty	Designation	Google Scholar							
		2019 Onwards			All			No. of Publications	
		Citations	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Dr M.A.Shah	Assistant Professor	71	3	2	99	5	2	12	33
Dr B.F.Momin	Asso. Professor	370	11	11	497	13	16	45	62
Dr A.R.Surve	Assistant Professor	127	7	2	172	8	4	22	53
Dr N.L.Gavankar	Assistant	129	3	2	137	3	2	04	10

	Professor								
Mr M.K.Chavan	Assistant Professor	125	5	4	140	5	4	13	15
Ms N.L.Mudegol	Assistant Professor	16	2	1	16	2	1	3	7
Mrs A.M.Chimanna	Assistant Professor	07	1	0	9	2	0	3	8
Mr S.D.Pujari	Assistant Professor	06	1	0	6	1	0	3	7
Ms A.A.Pawde	Assistant Professor	18	2	1	18	2	1	3	8
Ms P.D.Mundada	Assistant Professor	1	1	0	1	1	0	1	3
Ms A.S.Pawar	Assistant Professor	32	3	1	35	3	1	4	4
Mr A.A.Urunkar	Assistant Professor	14	1	1	14	1	1	2	6
Ms M.S.Dabade	Assistant Professor	13	2	0	13	2	0	3	6

3. 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	Dr. B. F. Momin	Associate Professor, CSE	Dr. Sushmita Mitra, CSE	Jadavpur University Kolkata	Some issues in Data Mining using Soft Computing.	Completed Feb 2008
2	Dr. A. R. Surve	Asst. Professor, CSE	Dr. V. R. Ghorpade, CSE	Shivaji University	SOA based context aware smart Pervasive Computing.	Completed 10-4-2023
3	Dr. M.A. Shah	Asst. Professor CSE	Dr. D. B. Kulkarni, CSE	Shivaji University	Design and Performance Evaluation of Parallel Scalable Event Processing System	Completed 19-6-2019
4	Dr. N. L. Gavankar	Asst. Professor CSE	Dr. S. K. Ghosh, Geomatics Engineering	09/07/2014, Indian Institute of Technology Roorkee	A study on building extraction techniques using high resolution satellite data.	Completed 16-8-2018
5	Mr. M. K. Chavan	Asst. Professor CSE	Dr S Sridhar CSE	09/01/2023 VIT Bhopal	Privacy Preservation of outsourced Data	Ongoing

4. Regular Degree Faculty Ongoing Ph.D. details

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/ Uni	Title of the Thesis
1	Mr. M. K. Chavan	Asst. Professor CSE	Dr S Sridhar CSE	09/01/2023 VIT Bhopal	Privacy Preservation of outsourced Data

5. Ph.D. Student Details of AY2023-24.

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Priyanka Devendra Lanjewar	Dr. B. F.Momin	03/08/2018	Design and Development of Soft Set Based Algorithms for Machine Learning	Ongoing
2	Mr Amol B Majgave	Dr.N.L.Gavankar	January 2023	Design and Development of robust phishing URL detection system using Machine Learning Algorithms	Ongoing
3	Mr Amol G Patil	Dr.N.L.Gavankar	January 2023	Design and development of Deep Learning based model for sentiment classification and depression detection from social media posts	Ongoing
4	Mr Balaji S Jadhav	Dr.N.L.Gavankar	January 2023	Design and Development of Machine Learning based model for quality testing of fabric considering weaving physical parameters	Ongoing

6. Patents Awarded:

Title of Patent	Name of Faculty	Patent No.	Date of Award
AUTOMATED CAR PARKING MANAGEMENT DEVICE	Dr. V. N. Waghmare, Dr M. A. Shah, Dr. N. L. Gavankar, Dr. U.A. Dabade	401329-001	12/02/2024
TELE-ROBOTIC DEVICE FOR AGRICULTURE	Ms.S.S.Rokade	404349-001	08/03/2024
HOUSEHOLD APPLIANCES CONTROLLING DEVICE	Ms.S.S.Rokade	412088-001	03/05/2024

7. Patents Filed:

Title of Patent	Name of Faculty	Patent No.	Date of File
Smart Tracking, Monitoring and Communication Device for Automated Criminal Detection and Suspicious Activity	Dr.A.R.Surve	202321047511	14/07/2023
Emotion enhanced multilingual text to speech system with user customization capabilities	Dr.B.F.Momin	202421002657	13/01/2024
AI- enhanced system for personalized skin disease diagnosis and treatment	Ms.S.S.Rokade	202421002654	13/01/2024

Artificial intelligence enabled wearable healthcare device for remote diagnostics and monitoring	Mrs.A.M.Chimanna Dr.M.A.Shah	202421002655	13/01/2024
Road accident detection and safety operations management system	Dr.A.R.Surve	202421002556	13/01/2024
Revolutionizing Public Hygiene: Smart Restroom with Advanced Sensors, AI, and IoT Integration	Ms.S.S.Rokade	202421005453	27/01/2024
Solar Assisted Cement Curing Cabinet	Mr.S.D.Pujari Mr.A.S.Patane Dr.P.K.Sohoni	407499-001	14/02/2024

8. Faculty successfully completing courses from foreign universities/ NPTEL/ SWAYAM:

Sr. No.	Name of the Faculty	Title of the Course	Date of Completion	Name of University
1	Ms.A.S.Pawar	Apple certification Develop in Swift fundamentals	June 2023	–
2	Mrs.S.A.Aitwade	Apple certification Develop in Swift fundamentals	June 2023	–
3	Ms.N. L. Mudgol	Apple certification Develop in Swift fundamentals	28/07/2023	–
4	Mr.S.D.Pujari	Apple certification Develop in Swift fundamentals	04/10/2023	–
5	Ms.A.B.Shikalgar	12 Week course on "Introduction to Automata, Languages and Computation"	April 2024	NPTEL, IIT Kharagpur
6	Ms.A.S.Pawar	8 Week course "Introduction to Soft Computing"	March 2024.	NPTEL, IIT Madras
7	Mrs.M.S.Dabade	12 Week course on "The Joy of Computing Using Python"	October 2023	NPTEL, IIT Madras
8	Mr.A.A.Urunkar	4 Week course on "Python for Data Science."	October 2023	NPTEL, IIT Madras
9	Ms. A. A. Pawde	Business Intelligence and Analytics (12 weeks)	April 2024	IIT Madras (NPTEL)
10	Ms. A. A. Pawde	Industry 4.0 and Industrial Internet of Things (12 weeks)	April 2024	IIT Kharagpur (NPTEL)

9. 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			
2019-20	Real Time Smart Alert Generation System for not wearing mask in high-risk public areas	WCE	01.60
2019-20	Visitor Management System to handle pandemic situation in WCE		
2020-21	WCE Connects		
2021-22	Spraying Pesticides via Drone	WCE	0.8
B. Other agencies - National and International (Major Projects)			
2019-20	"Smart Surveillance for WCE Campus"	TEQIP – III	0.0551293

10. Ongoing Research Projects

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
A. College Funded Minor Projects			
jan 2023 to dec 2025	Development of a teaching assistance system for autistic students using AR Flash, and VR.	WCE(SEED)	2,65,000/-
2023-2025	Development of AI based solid waste segregator for Municipal Solid Waste	WCE(SEED)	70, 500/-
C. Industry sponsored Minor Projects			
2021-22	Farmer Connect App - Mobile Application	Fresh Express Logistics Pvt Ltd	--
2021-22	Employee Attendance and Payroll Management	Fresh Express Logistics Pvt Ltd	--
2021-22	Farmer Connect App – Database + Web Portal	Fresh Express Logistics Pvt Ltd	--
2022-23	Farmer Connect App	Fresh Express Logistics Pvt Ltd	
2022-23	Employee Attendance and Payroll Management	Fresh Express Logistics Pvt Ltd	

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
2023-2024	Digital Twin for persistent heat exposure effects on human body	TCS Research, Pune	–
2023-2024	Developing a digital twin based scientific method to improve quantity and quality	TCS Research, Pune	–

11. Faculty Achievements in last Five Years

Name of faculty	Prize/Award received	Organization/ Institute	Year
Dr B F Momin	Awarded PhD to two students under guidance of Dr Momin sir	Shivaji University	2019-20
	Setup the "ZiMetrics Advanced Data Analytics Lab" through CSE Alumni	---	2020-21
Dr M.A.Shah	State Level NEP Member	Maharashtra state	2023-24
Dr A.R.Surve	IOT based Flood Monitoring and Rescue System Project sponsored by SMKC	Sangli,Miraj,Kupwad corporation	2o May 2024
Ms S S Rokade	Copyright awarded on "Blockchain based healthcare application to preserve and maintain scalability"	---	2019-20
Ms A S Pawar	Received Third prize in NVDIA GPU Computing Codeathon 2022	VIT, AP and NVDIA Deep Learning Institute	2021-22
Mr A R Surve	appointed by MHT-CET cell and DTE as DLO (District Liaison Officer) for conducting MHT-CET examination of entire Sangli district.	---	2021-22
	appointed by MHT-CET cell and DTE as DLO (District Liaison Officer) for conducting MHT-CET examination of entire Sangli district.	---	2022-23
Dr N L Gavankar	Contributed as Session Chair at ICCET-2022	DBATU, Lonere	2021-22
Dr N L Gavankar	Contributed as reviewer at International Conference on Innovations in Computer Science, Electronics and Electrical Engineering 2022	ADCET, Ashta	2021-22
Mr M K Chavan	Worked as a reviewer for Gartner Peer and reviewed Extreme networks devices.	---	2022-23
Mr M K Chavan	ISEA Certified Cyber Hygiene Practitioner	ISEA Programme by Ministry of Electronics and Information Technology (MeitY) Government of India	2022-23
Mr A R Surve	Awarded PhD	Shivaji University	2022-23

Dr. Mrs. M. A. Shah Mr. R. R. Patil	Organizing Committee member and resource person at FDP Offered by Department of Information Technology, Computer Science & Engineering & CDAC, Pune Under Nation Supercomputing Mission (NSM) On HPC		26.07.2023 to 30.07.2023
Mr. S. D. Pujari	Attended the Apple certification exam for the course "Develop in Swift fundamentals"	Apple	25- 28 th september 2023-24
Mrs. N.L.Mudegol	Attended the Apple certification exam for the course "Develop in Swift fundamentals"	Apple	July 2023–24
Ms A.S.Pawar	Attended the Apple certification exam for the course "Develop in Swift fundamentals"	Apple	July 2023–24
Ms S.A.Aitwade	Attended the Apple certification exam for the course "Develop in Swift fundamentals"	Apple	July 2023–24
Dr. Mrs. M. A. Shah,Dr. B. F. Momin,Dr. V. N. Waghmare, Ms. A. A. Pawde, Mrs. N. L. Mudegol, Mr. S. D. Pujari, Ms. S. S. Rokade,Mrs. A. M. Chimanna, Mrs. M. S. Dabade, Mr. A. A. Urunkar	Faculty successfully worked as Reviewer in National Conference on Communication, Image Processing and Computing, (NCIPC) jointly Organized by Department of Electronics Engineering, Information Technology and Computer Science & Engineering, WCE, Sangli.	WCE,Sangli	15 th – 16 th Dec 2023
Dr. Vivek Waghmare, Dr. Mrs. M.A. Shah	Organized One Week Faculty Development Program (FDP) on "Recent Advances in Artificial Intelligence and Machine Learning" (RAAIML-2023) Sponsored by All India Council for Technical Education Training and Learning Bureau ATAL ACADEMY	ATAL	18/12/2023 to 23/12/2023
Mrs. A. M. Chimanna	Faculty participated as Judge on "ORNATE 2K23- Paper Presentation Competition" at SIT, Polytechnic, Yadrav.	SIT,Yadrav	7 th October 2023
Dr. A. R. Surve	Faculty participated as Judge at the 10 th National Conference on Emerging Trends in Engg. & Tech(NCETET 2024), Bharati Vidyapeeth's COE, Kolhapur.	Bharati Vidyapeeth's COE, Kolhapur.	April 2024

Dr. N. L. Gavankar	Faculty chaired session 10 entitled Disaster Prevention & Management in the 10th International Conference on Geographical Information Systems Theory, Applications and Management (GISTAM 2024) held in Angers – France.		2 nd – 4 th May 2024
Dr. N. L. Gavankar, Ms. A. A. Pawde	Worked as mentor for a team of 6 students for both semesters for Tomato Grand Challenge launched by Department of Consumer affairs, Govt. of India. The team was shortlisted in top 100 entries throughout India.	Ministry of Corporate Affairs, Govt of India	2024
Ms. A. A. Pawde	Secured admission for Ph. D. in COEP Tech University, Pune	COEP Tech University, Pune	January 2024
Ms N.L.Mudegol	Secured admission for Ph.D. in VIT University,Bhopal.	VIT University,Bhopal	July 2024
Mr A.A.Urunkar	Secured admission for Ph.D. in VIT University,Bhopal.	VIT University,Bhopal	December 2024
Ms A.S.Pawar	HPC Master Trainer Program	AICTE and C-DAC	27 May -7 June 2024
Dr M.A.Shah Mr S.D.Pujari M.S.Dabade	Development of Teaching and Assessment system for autistic children using AR/VR-Project proposal accepted for secondary evaluation	SERB	Feb.2024
Dr. N. L. Gavankar	Provided consultancy by delivering **iRemember: NetGen iPhone Task Manager** iphone app for Shreyas Shetti, Vivekanand Electricals Enterprises, Ankli Road Raibag 591317, Dist. Belgaum, KA	Vivekanand Electricals Enterprises, Ankli Road Raibag 591317, Dist. Belgaum, KA	May 2024

12. GATE Toppers (All India Rank Less Than 5000):

Sr. No.	Candidate Name	Branch	All India Rank
1	NISHAD UMESH BAGADE (REG NO- DA24S12041005)	CSE (Applied for Data Science and AI)	951
2	Nishad Umesh Bagade (Reg No- CS24S52041005)	CSE (Applied for CS and IT)	1856

13. CAT Toppers (More Than 80%):

Sr. No.	Candidate Name	Branch	Percentile
1	DHIRAJ DEOKAR	CSE	98.71

14. FDP/Training Program/Guest Lecture organized by Faculty and Staff:
Activity Conducted:

Name of Event	Details of Event	Name of Event Coordinator	Date of Event
FDP Under Nation Supercomputing Mission (NSM) On HPC	Organized by Department of Information Technology, Computer Science & Engineering &	Dr. Mrs. M. A. Shah Mr. R. R. Patil	26.07.2023 to 30.07.2023

	CDAC, Pune		
Recent Advances in Artificial Intelligence & Machine Learning" (RAAIML 2023) sponsored by AICTE Training and Learning (ATAL) Academy.	Organized by CSE Department, WCE, Sangli	Dr. Mrs. M. A. Shah Dr. V. N. Waghmare	18 th Dec - 23 rd Dec 2023
"7 th Research Symposium on Computing 2023"	Organized by CSE & IT Department, IPR Cell Shivaji University, Kolhapur and WCE ACM Student Chapter.	Dr. Mrs. M. A. Shah Dr. Vivek Waghmare	7 th November 2023
SMELT 4.3 (Student Membership Enhancement and Leadership Training)	One-day flagship event of the IEEE Bombay Section at WCE Sangli.	Dr. A. R. Surve, Dr. Mrs. M. A. Shah, Dr. N. L. Gavankar, Mrs. N. L. Mudegol	16 th September 2023
"Introduction to Parallel Computing Using Multicore Architectures"	Two days online workshop by Dr. Nilesh Pikle, Assistant Professor, IIIT Nagpur	Dr. Mrs. M. A. Shah Ms. A. S. Pawar	14 th -15 th October 2023
Expert Session conducted on "Books writing, publication ethics" organized by ACSES, CSE dept for Faculties.	Expert Session Key Speaker: Dr. Parikshit Mahalle	Dr. M. A. Shah Mrs. M. S. Dabade	22 nd March 2024.

15. Guest Lecture Organized by Faculty:

Name of Faculty	Place	Subject	Date of Lecture
Mrs. A. M. Chimanna Dr. Mrs. M. A. Shah Dr. A. R. Surve	CSE Department, WCE	"Recent Trends and Research in HCI"by Dr. Ganesh Bhutkar, Asst. Head(Research), VIT, Pune.	9 th October 2023.
Mr A R Surve Mrs. A M Chimanna	CSE Department, WCE	Expert Session on "Version Control and Software Testing Tools" Expert: Ms Supriya Patil (Alumnus of WCE Sangli, 2018 Batch, PhD Scholar at IIIT Nagpur)	11 April 2023
Dr A R Surve	CSE Department, WCE	Expert Session on "OS: Process Synchronization, Deadlock Challenges and its Generic Use Cases" by Ms. Amruta Khot Application Developer at Fujitsu India, Alumna of WCE, Sangli.	15 th April 2023
Dr A R Surve	CSE Department, WCE	Expert Session conducted on "Deadlocks in OS: Insights to Solutions, for SY CSE students Key Speaker: Ms. Amruta Khot	2nd April 2024.
Ms. A. A. Pawde	CSE Department, WCE	"Data analytics project lifecycle" by Ankit Naik, Sr. Business Analyst at Amazon	25th August 2023

Dr. Mrs. M. A. Shah Mrs. N. L. Mudegol	CSE Department, WCE	Expert Session conducted on React Js organized by CSE dept and WCE ACM student chapter Key Speaker: Vishwajeetsingh Desurkar, a distinguished WCE alumni.	15th September 2023

16. **FDPs/Conference/Workshop Attended by Faculty, Staff:**
Events Attended by Faculty:

Name of Event	Details of Event	Name of Faculty	Date of Event
"Robotic Process Automation Fundamentals" organized by UiPath	Training	Ms. S. S. Rokade	12.07.2023
FDP Offered by Department of Information Technology, Computer Science & Engineering & CDAC, Pune Under Nation Supercomputing Mission (NSM) On HPC	FDP	Dr. A. R. Surve Ms. N. L. Mudegol	26.07.2023 to 30.07.2023
ATAL Academy FDP on "Recent Advances in Artificial Intelligence & Machine Learning"	FDP	Dr. N. L. Gavankar, Mr. M. K. Chavan, Dr. V. N. Waghmare, Ms. A. A. Pawde, Ms. N. L. Mudegol, Ms. S. S. Rokade, Mrs. A. M. Chimanna, Mrs. S. A. Aitwade, Mr. A. A. Urunkar, Mrs. M. S. Dabade	18 th Dec - 23rd Dec 2023
online FDP on "Recent Trends in computing 3.0"	organized by Department of Computer Engineering, VIT, Pune	Dr. A. R. Surve, Ms. A. B. Shikalgar	9th October to 13th October 2023
FDP on "Resource Management, Security & Architecting with cloud"	organized by Kongu Engineering College, Tamil Nadu.	Mrs. S. F. Shaikh	3 rd -4 th May 2024
NPTEL FDP on "Introduction to Automata, Languages and Computation"	National level NPTEL FDP	Ms. A. B. Shikalgar	Jan- April 2024.
FDP on "enhancing Teaching-Learning pedagogy using Hands on ICT Tools"	organized by dept. of computer engg. And IQAC, SNJB's LSKBJ college of Engineering, Chandwad, Nashik.	Dr. A R. Surve	22 nd to 27 th April 2024

National Level FDP on Cloud Infrastructure (AWS)	organized by PSCMR College of Engineering and Technology, Andhra Pradesh during the period of 21 st to 25 th Aug 2023.	Dr. N. L. Gavankar	21 st – 25 th Aug 2023
Eight-week NPTEL FDP on "Introduction to Soft Computing" organized by IIT Madras.	NPTEL FDP	Ms. A. S. Pawar	Jan- March 2024.
Online Faculty Development Program on ChatGPT & AI Tools for Educators	Organized by Marian College Kuttikkanam (Autonomous) in association with The Kerala State Higher Education Council.	Mr. M.K. Chavan	14 th June to 21 st June 2023.
FDP on "The Joy of Computing Using Python"	NPTEL online certification FDP	Mrs. M. S. Dabade	Jul- Oct 2023
Business Intelligence and Analytics	FDP	Ms. A. A. Pawde	April 2024
Industry 4.0 and Industrial Internet of Things	FDP	Ms. A. A. Pawde	April 2024
Recent Advances in Artificial Intelligence and Machine Learning	FDP	Ms. A. A. Pawde	23/12/2023
System Dynamics workshop	Workshop	Ms. A. A. Pawde	6/2/24
FDP on "Current Practices, Recent trends in Machine Learning and Deep Learning"	Organized by Department of Information Technology, STES's Sinhgad Academy of Engineering, Pune	Dr. Vivek Waghmare, Mr. R. R. Patil, Mrs. M. S. Dabade	07/08/2023 to 11/08/2023
FDP on "Education 4.0 in Higher Education"	Organized by Department of Computer Engineering, VIIT, Pune in association with Computer Society of India, Pune.	Dr. A. R. Surve	31/07/2023 to 04/08/2023
HPC Master Trainer Program organized by AICTE and CDAC Pune.	Training	Ms. A. S. Pawar	27 th May to 7 th June 2024
FDP on "Machine Learning and Deep Learning using TensorFlow & PyTorch"	Organized by the Department of Computer Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune.	Mrs. L. V. Patil	17 th to 21 st June 2024,
"Recent Trends in AI, ML & IOT"	STTP organized by Department of E & TC Engineering, SKNCOE, Pune.	Mrs. L. V. Patil	12 th to 25 th June 2024
"Explainable AI in Healthcare"	FDP Organized by JIS College of Engineering	Mr. A. A. Urunkar, Ms. N. L. Mudegol	1 st July to 5 th

	Kalyani, Maharashtra.		July 2024
NPTEL- AICTE FDP on Python for Data Science.	FDP	Mr. A. A. Urunkar	17 th October 2023
"Module development using Augmented and Virtual Reality"	FDP in association with IEEE computer Society, Pune organized by Dept. of IT, VIIT, Pune.	Mrs. A. M. Chimanna Mr. S. D. Pujari	12 th – 16 th March 2024
"Industry 5.0 for Society 5.0"	FDP organized by Dept. of Electronics & Telecommunication Engineering, VIIT, Pune.	Dr. A. R. Surve Mrs. M.S. Dabade	18 th to 22 nd March 2024.
"Cognitive Computing for smart applications"	FDP organized by Dept. of AI & DS, VIIT, Pune.	Mrs. M.S. Dabade	18 th to 22 nd March 2024.
"Robotic Process Automation Fundamentals" organized by UiPath completed.	2-week training	Ms. S. S. Rokade	12.07.2023
STTP on Data Science for business	Online STTP on "Data organized by Department of AI&DS, VIIT, Pune	Mrs. M. S. Dabade	4th – 8th September 2023

17. Guest Lecture Delivered by faculty:

Name of Faculty	Place	Subject	Date of Lecture
Dr. N. L. Gavankar	DKTE Ichalkaranji	Compiler Design	21/10/ 2023
Ms. A. A. Pawde	RAAIML'23 FDP organized at WCE	How to perform literature survey	19/12/ 2023

18. Industrial Visits:

Place of Industrial Visit	Coordinator of Industrial Visit	Total Participants	Date of Visit
Chitale Dairy Bhilawadi	Dr. M. A. Shah	35	23/12/2023

19. MoU's Signed with Industries and Institutes in last five Years:
Industry:
1. Veritas Software Technologies India Private Limited (1 st December 2020 to 30 th November 2021)
2. ZiMetrics 2020-21 (7th April 2021 to 6th April 2023)
3. Fresh Express Pvt. Ltd 22-23

2.6 Information Technology Department

1. Details of Research Publications:

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
01	International Journal	Co-Occurrence Patterns Based Fruit Quality Detection For Hierarchical Fruit Image Annotation	Dr. S. P. Sonavane	Journal Of King Saud University-Computer And Information Sciences	July 2023
02	International Journal	Content Learning and Analysis-A case study for skill assessment	Dr S P Sonavane and TY UG students	published paper in Taylor and Fransis book Chapter	9th July 2023
03	International Conference	An Inventory Management using Cloud Function and Protocol Buffer for Improved Efficiency	Dr. Prashant Kharat and students Vaibhav Chaudhari, Himanshu Maurya, Shubham Junghare	presenting/contributing a research paper titled "An Inventory Management using Cloud Function and Protocol Buffer for Improved Efficiency" in the 8th International Conference on Computing in Engineering and Technology 2023 (ICCET 2023)	14-15 July 2023
04	International Conference	Detecting Violations of Conditional Functional Dependencies in Distributed Database'	Dr. A. J. Umbarkar	Paper published in ieee conf. 'Detecting Violations of Conditional Functional Dependencies in Distributed Database'	15 December 2023
05	International Conference	AHP based technical, economic and environmental impact analysis with optimal DG placement in radial distribution network	Surender Singh Tanwar, Ganesh Prasad Prajapat, Ravindra Rathod, Sanjay Kumar Bansal, Sukhlal Sisodia	Paper published in International Journal of Applied Power Engineering (IJAPE), p-ISSN 2252-8792, e-ISSN 2722-2624, SCOPUS indexed	Dec-2023
06	International Conference	Hybrid VARMA-LSTM Approach for Forecasting Wind Power Density in Jaipur, Rajasthan	S Yadav, H Kumar, SS Tanwar, R Rathod,	Paper published in The Indian Journal of Technical Education, 46 (Special issue), pp 31-36, Dec-2023	Dec-2023
07	International Conference	Intelligent Artificial Control and Multilayer Inverter Based Improved Control of a Wind	SS Tanwar, R Rathod, GP Prajapat, DD Kshirsagar,	Paper published in The Indian Journal of Technical Education, 46 (Special issue), pp 37-43, Dec-2023	Dec-2023

08	International Conference	Power System based DFIG,			
08	International Conference	AHP based Techno-Economic Analysis of Energy Management of Radial Distribution Network using Optimal DG and Capacitor Placements and sizing,	Surender Singh Tanwar, Ganesh P. Prajapat, Ravindra Rathod,	Paper published in The Indian Journal of Technical Education, 46 (Special issue), pp 82-90, Dec-2023	Dec-2023
09	International Conference	Gesture recognition for deaf and dumb people,	Smith Bhowate, Sachin Ruikar, Ravindra Rathod, A J Umbarkar,	Paper published in The Indian Journal of Technical Education, 46 (Special issue), pp 308-314, Dec-2023	Dec-2023
	International Conference	An inventory management using cloud unction and protocol buffer for improved efficiency	Dr. P. K. Kharat	Published Paper on "An inventory management using cloud unction and protocol buffer for improved efficiency" in IEEE xplore and IET in Dec. 2023	Dec. 2023
10	International Conference	Map-Reduce (Hadoop) based Data Clustering for BigData: A Survey	Dr. A. J. Umbarkar	Paper published in ieee conf. Map-Reduce (Hadoop) based Data Clustering for BigData: A Survey	12 February 2024
11	International conference	Academic Document Verification using Block Chain: A Review	Shradhha Kore Dr. A. P. Patil Mandar Kamble Prasanna Jamdar	12th International Conference on Recent Challenges in Engineering and Technolog	23rd April 2024
11	International Conference	Estimation of Height of Building Using High Resolution Satellite Image	Dr. R. R. Rathod Dr N L Gavankar and V. N. Waghmare.	Paper published of Title: 'Estimation of Height of Building Using High Resolution Satellite Image. In Proceedings of the 10th International Conference on Geographical Information Systems Theory, Applications and Management, ISBN 978-989-758-694-1, ISSN 2184-500X, pages 83-93.	4th May 2024
12	International Journal	Detecting and Removal of Silent Segment from an Audio Signal	Dr. A. P. Patil Mrs. Namita Kothali	International Journal of Applied Engineering Research	July 2024

| 13 | International Conference | Deep kernelized dimensionality reducer for multi-modality heterogeneous data | Shefali Sonavane, Arifa Shikalgar | published research paper on "Deep kernelized dimensionality reducer for multi-modality heterogeneous data" in Journal of Ambient Intelligence and Humanized Computing, https://doi.org/10.1007/s12652-024-04804-z, Received: 11 June 2020 / Accepted: 27 September 2023© The Author(s), under exclusive licence to Springer-Verlag GmbH Germany, part of Springer Nature 2024. | 09 May 2024 |

2. Google Scholar

| Name of Faculty | Designation | Google Scholar | | | | | | | |
| | | 2019 Onwards | | | All | | | No. of Publications (23-24) | |
		Citations	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
Dr. D. B. Kulkarni	Professor	99	5	0	181	7	1	2	9
Dr. Mrs. S. P. Sonavane	Asso. Prof.	323	11	13	360	11	14	2	4
Dr. A. J. Umbarkar	Asst. Prof.	585	9	9	766	11	14	0	1
Dr. R. R. Rathod	Asst. Prof.	58	3	2	79	3	2	0	5
Dr. U. B. Chavan	Asst. Prof.	31	3	1	39	3	1	0	0
Mrs. B. S. Shetty	Asst. Prof.	2	1	0	11	1	1	0	0
Dr. P. K. Kharat	Asst. Prof.	67	5	3	106	7	5	1	1
Mr. M. B. Narnaware	Asst. Prof.	63	2	1	93	3	1	0	0
Mr. M. G. Rathi	Asst. Prof.	5	1	0	5	1	0	0	0
Dr. Mrs. A. P. Patil	Asso. Prof.	---	--	--	--	--	--	--	2
Dr. Mrs. S. S. Solapure	Asso. Prof.	146	5	5	163	5	5	0	1

3. Regular Degree Faculty Ongoing Ph.D. details

SN	Name of Faculty	Department	Name of Guide, Branch	Date of Registration/Uni	Title of the Thesis
1	Mr. M. B.	CSE	Dr. R.	21st Aug. 2021/	Application of Deep Learning on

	Narnaware		Makhijani	IIT Nagpur	Alzheimer's Disease
2	Mrs. B. S. Shetty	CSE	Dr. Suresh	10th July 2017/ VTU Belgavi	Design and Efficient Energy Balancing Routing Algorithm for Data Comm. in WSN

4. Ph.D. Student Details of AY2023-24.

SN	Name of Student	Name of Guide	Date of Registration	Title of the Thesis	Status: Ongoing/ Completed on
1	Minal S. Sonmale	Dr. R. R. Rathod	Aug 2023	Automated Insurance Claim Processing using AI & block chain	Ongoing
2	Vanashri S. Shinde	Dr. R. R. Rathod	Aug 2023	Improving accuracy in deep fake image detection with CNN optimization	Ongoing

5. Patents Awarded:

Title of Patent	Name of Faculty	Patent No.	Date of Award
A Method And A System For Identifying Frauds In An Electronic Voting Machine	Dr. Mrs.S. P. Sonavane	464620	1st Nov. 2023
A System and A Method for Faster Reorganization of Iris Pattern on Distributed Systems	Dr. A. J. Umbarkar	513805	22nd Feb 2024
Integrating physiological and psychological parameters for predicting And mitigating stress levels using machine learning algorithm	Dr. Sharwari S. Solapure,	Application No. 202441007399A	08th March 2024
Optimization process of RPL routing protocol of an IoT System	Dr. S. S. Solapure	Application No. : 202321078788A	15th Dec. 2023

6. Patents Filed

Title of Patent	Name of Faculty	Patent No.	Date of File
Bacteria Identifying and Disinfecting Device	Dr. Mrs.S. P. Sonavane	Application No. : 401330-001	4th Dec. 2023

7. Faculty successfully completing courses from foreign universities/ NPTEL/ SWAYAM:

Sr. No.	Name of the Faculty	Title of the Course	Date of Completion	Name of University
1	Mr. M. B. Narnaware	Exploring the world of Data structures	30, Sept. 2023	NPTEL

2	Mr. M. B. Narnaware	Leveraging Generative AI for Teaching Programming Courses	23-24, 30 Sept, 1st Oct 2023	NPTEL
3	Dr. Mrs. A. P. Patil	Introduction to Artificial Intelligence	July to Sept 2023	NPTEL
3	Dr. Mrs. S. S. Solapure	Emerging Technology - Blockchain Technology & Applications	25th Oct. 2023	Wiley India Webinar Series
4	Dr. A. J. Umbarkar	Evolutionary Computation for Single and Multi-Objective Optimization	Jan-Mar. 2024	NPTEL
5	Dr. R. R. Rathod	Remote Sensing and GIS for Rural Development	Jan-Apr. 2024	NPTEL
6	Dr. Mrs. S. S. Solapure	Data Analytics with Python	Jan-April 2024	NPTEL

8. Ongoing Research Projects

Year wise	Name of the project	Funding agency/ Industry	Grant (Rs. Lakh)
A. College Funded Minor Projects			
2023-25	AI based interface for diagnosis of Oral Cancer	WCE,Sangli	2,57,500

9. Faculty Achievements in last Five Years

Name of faculty	Prize/Award received	Organization/ Institute	Year
Dr. A. J. Umbarkar	Star NPTEL, Believer	NPTEL, SWAYAM	2021
Dr. R. R. Rathod	Star NPTEL, Believer	NPTEL, SWAYAM	2021
Mr. M. B. Narnaware	Topper In Course	NPTEL	2021
Dr. P. K. Kharat	Member of Management Council, Senate & Standing Committee	Shivaji University Kolhapur	2022
Dr. R. R. Rathod	Elected as CDC member	WCE Sangli under Shivaji University Kolhapur	2023
Dr. U. B. Chavan	Nominated as BOS for Computer sci & Engineering	Shivaji University Kolhapur	2023
Dr. D. B. Kulkarni	Member of HPC Dell community advisory board member	HPC Dell community	2024

| Dr. Mrs. S. S. Solapure | Gold medal in competition " Cycle for Gold" dedicated to awareness for #ChildrenWithCancer | Sangli | 2024 |

10. GATE Toppers (All India Rank Less Than 5000): AY2023-24

Sr. No.	Candidate Name	Branch	All India Rank
1	Rahul Gop	Data Science & AI	152

11. FDP/Training Program/Guest Lecture organized by Faculty and Staff: AY2023-24
Activity Conducted:

Name of Event	Details of Event	Name of Event Coordinator	Date of Event
FDP	One week Faculty Development Program (FDP) on High Performance Computing held during 26 - 30 July 2023 in hybrid mode, organized under the aegis of Nation Supercomputing Mission (NSM) with C-DAC Pune.	Dr. D. B. Kulkarni Dr. U. B. Chavan Mr. M. G. Rathi	26-30,July 2023
workshop	A one day workshop organized on IEEE for library for TY students and faculty	Dr. U. B. Chavan	13, Sept. 2023
Conference	RSC 2023	CSE & IT Dept. WCE, Sangli	7th Nov. 2023
FDP	organized as WCE nodal center, NSM sponsored 5 day FDP on HPC	Dr. D. B. Kulkarni Dr. U. B. Chavan	10-16, Jan 2024
FDP	Organized and attended 5 Days online FDP on "DATA VISUALIZATION AND AI-ML" By - RUBISCAPE, PUNE	Dr. S. S. Solapure	5th–9th Feb 2024

12. Guest Lecture Organized by Faculty:

Name of Faculty	Place	Subject	Date of Lecture
Maj. Arun Chougule,	IT Alumni	Interactive session for TY students	1st July 2023
Prof Karveer Manwade	Engineering College Sankeshwar	Parallel Programming	02nd , Sept. 2023
Mr. Shaurya Shrivastav,	Stealth Security Systems, Pimpri Chinchwad, Pune	Demonstration on Augmented Reality (AR), Virtual Reality (VR) and Mixed Reality (MR) technologies	24th, Nov. 2023.
Dr. Madhura Killedar,	President of IMA Sangli	Women health and Hygiene	14 March 2024
Prof. T. A. Mulla,	Vasantdada Patil Pratishthan College of	Web Hosting	10th Apr. 2024

	Engineering and Visual Arts, Sion, Mumbai		

13. FDPs/Conference/Workshop Attended by Faculty, Staff:
Events Attended by Faculty:

Name of Event	Details of Event	Name of Faculty	Date of Event
FDP	5 days FDP on "Artificial Intelligence and Data Science : Perspective, pedagogy and Practices" organized by AICTE & Jio Institute, Navi Mumbai	Dr. U. B. Chavan	21-25 Aug. 2023
FDP	7 Day National Level Online Faculty Development Program on Chat GPT & AI Tools for Educators, in-line with OBE organized by St Joseph's College (Autonomous), Irinjalakuda	Dr. A. P. Patil	19-26 July 2023
FDP	5 days workshop on VLSI to System Design: Silicon to End Application Approach organized by AICTE, Arm Education and STMicroelectronics	Dr. Mrs. A. P. Patil	31 July-4 Aug.2023
Workshop	Attended "IEEE India Blockchain Forum: Blockchain, Metaverse and Web 3.0" organized by Indian Institute of Science (IISc), Bangalore.	Dr. Mrs. S. S. Solapure	8-9, Sept. 2023
Conference	Served as Session Chair in the 2nd IEEE International Conference on Blockchain and Distributed Systems Security 2023 organized by IEEE Computer Society, Pune and Madhyapradesh	Dr. A. J. Umbarkar	6-8, Oct. 2023
Training	Attending MSMDA IofC course on Ethics and Values in Higher Education at MRA Centre Panchgani	Dr. P. K. Kharat	12-16, Dec. 2023
FDP	Attended one week FDP on "Recent Advances in Artificial Intelligence & Machine Learning (RAAIML 2023) organized by AICTE Training and Learning (ATAL) Academy, CSE dept, WCE Sangli	Dr. S. S. Solapure Ms. M. B. Shinde Mrs. B. S. Shetty	18-23, Dec. 2023
STTP	Attended STTP on 'Cloud Computing and its Services' organized by A.C. Patil College of Engg. Kharghar, Navi Mumbai	Dr. U. B. Chavan	1-6 Jan 2024

Training Programme	Online Short Term Course on NEP 2020 Orientation and Sensitization organized by UGC-MMTTC, Gujarat University	Dr. Mrs. S. P. Sonavane	5-15, Feb 2024
STTP	Two days STTP on "Writing Effective Paper and Research funding " organized by RIT Sakharale	Dr. A. J. Umbarkar	2nd March 2024
FDP	one week FDP on "Industry 5.0 on Society 5.0" organized by VIIT, Pune	Dr. A. P. Patil	18-22, Mar. 2024
Workshop	One day workshop on "Outcome based Education" at SIT COE, Ichalkaranji	Dr. Mrs. S. P. Sonavane	5th June 2024
Workshop	Two day workshop on "Capacity Building of HEIs through Research Initiatives" at Shree Warana Vibhag Shikshan Mandal, Warnanagar	Dr. P. K. Kharat	12th Apr. 2024
Training Programme	NEP Orientation & Sensitization Programme (Online) Organized by Malaviya Mission Teacher Training Centre (MMTTC) Coimbatore Institute Of Technology.	Dr. R. R. Rathod	22-30 April 2024
Training Programme	NEP Orientation & Sensitization Programme (Online) Organized by Malaviya Mission Teacher Training Centre (MMTTC) Coimbatore Institute Of Technology.	Ms. M. B. Shinde, Dr. Mrs. A. P. Patil	10-19 June 2024

14. Guest Lecture Delivered by faculty:

Name of Faculty	Place	Subject	Date of Lecture
Dr. P. K. Kharat	SIT, Ichalkaranji	IOT & its applications	12th , Sept. 2023
Dr. Mrs. S. S. Solapure	Government Medical College Miraj	ICT technologies and research for MBBS students under digital orientation program	10th Oct. 2023
Dr. A. J. Umbarkar	IEEE Computer Society, Pune and Madhyapradesh	Blockchain and Distributed Systems Security 2023	6-8, Oct. 2023
Dr. A. J. Umbarkar	Shri Siddheshwar Womens College of Engg. Solapur	Research Methodologies, paper writing and IPR	9th Dec. 2023
Dr. S. P. Sonavane Dr. A. J. Umbarkar	WCE Sangli	Recent Advances in Artificial Intelligence & Machine Learning (RAAIML 2023)	18th -23rd Dec. 2023
Dr. P. K. Kharat	International Symposium at MPKV Rahuri	Robotics in Agriculture	20-21 Dec. 2023

Dr. R. R. Rathod	SGI Atigre	MSBTE Faculty Development Program (FDP) on Artificial Intelligence and Machine Learning.	5th Feb 2024
Dr. Mrs. S. S. Solapure	Willingdon college, Sangli	virtual lab-outreach workshop	15th Apr. 2024

15. MoU's Signed with Industries and Institutes in last five Years:
Industry:
Current active MOUs are with Rubiscape Pune, Veritas Pune and JEC Jabalpur.

2.7 Humanities and Science Department

1. Details of Research Publications AY 2023-24:

SN	Type of Publication	Title of Paper	Names of Authors	Journal / Conference Details	Date of Publication
01	International Journal	Electrochemical detection of dopamine using van der waals-interacted NiO–ZnO-functionalized reduced graphene oxide nanocomposite	Ganesh K. Chougule, Anita K. Tawade, Jayashri V. Kamble, Kiran Kumar K. Sharma, Sawanta S. Mali, Chang Kook Hong, **Anil A. Powar**, Kishor V. Gaikwad & Shivaji N. Tayade	Journal of Materials Science: Materials in Electronics Springer	Feb 2023 (Last year not reported)
02	International Journal	" Connections between normalized wright functions with families of analytic functions"	Dr. S.B. Joshi	Publications de Institute Math, Belgrade	This is one of high ranked journals in mathematics and it took 3 years to receive acceptance.
03	International Journal	IOT Based Continuous Monitoring System For Steam-Turbine Cogeneration Plant In Sugar Industry	Ashwini Butale-Patil, Bashir N Jamadar, Suresh R. Kumbhar	The Indian Journal of Technical Education Published by Indian Society for Technical Education (ISTE) Page No: 233-239 ISSN Number: 0971-3034 Volume 46 Special Issue	December 2023

	Online National Conference (Multidiscipli nary	Online National Conference (Multidisciplinary) & A Multidisciplinary Approach Choice-Based Credit System in Higher education & Organized By Institute of Education at JJTU Rajasthan on 28 th July 2023.	A.A.Powar	Institute of Education at JJTU Rajasthan	28 th July 2023

2. Google Scholar:

Name of Faculty	Designation	Google Scholar							
		2019 Onwards			All			No. of Publications	
		Citations	h-Index	i-10 Index	Citations	h-index	i-10 index	Cited	Reported
A.A. Powar	Associate Professor	01	01	00	01	01	0	1	04
Dr. S. R. Dodla	Assistant Professor	164	7	7	203	7	7	8	8
K.V.Madhale	Associate Professor	42	2	1	49	2	1	10	5
Dr. B.N.Jamadar	Assistant Professor	26	2	1	40	3	2	6	17
S.B.Joshi	Associate Professor	247	8	7	658	12	15	-	115

3. 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	B. N. Jamadar	H & S	Dr. D. S. Sutrave	01/07/2010 P.A.H. Solapur University, Solapur	Design and Development of PWM technique for three phase induction motor drive with auto fault detection	Awarded 27/03/2021

4. Regular Degree Faculty Ongoing Ph.D. details

SN	Name of Student	Department	Name of Guide, Branch	Date of Registration/ Uni	Title of the Thesis

1	A.A. Powar	Chemistry	Dr. Vishnu Dev Gupta,	30 April 2023 JJTU, Rajasthan	SYNTHESIS OF TRANSITION OXIDE-GO/rGO COMPOSITE: AN ELECTROCHEMICAL SENSING MATERIAL FOR NEUROTRANSMITTERS AND ORGANIC POLLUTANTS
2	Mr. K.V.Madhale	Physics	Dr.S.B. Kulkarni Physics	15th June 2019 Dr. Homi Bhaba State University, Mumbai	Studies on Synthesis and Fabrication of $La_{(1-x)}$ Srx MnO_3 - Reduced Graphene Oxide (RGO) Electrode Materials and its Composites for Supercapacitive Performance
3	Mrs. V.B.Girgaonkar	Mathematics	Dr.S.B. Joshi	JULY 2017	Study of certain subclasses of analytic and bi-univalent functions

5. Books Published by Faculties:

Sr. No.	Name of Faculty	Title of Book	Name of Publisher	Year of Publication
1	Mr. K.V.Madhale	Engineering Physics – I & II	Mahalaxmi Publication Pune	2001-2002.
2	Mr. K.V.Madhale	Engineering Physics	NIRALI publication Pune	2007-08.
3	Dr.S.B.Joshi	Complex analysis theory and applications	De Gruyter Pub, Germany ISBN, 978 3 11 065786 9	2019
4	Dr.S.B.Joshi.	Current topics in pure and computational complex analysis	Birkahusar series, Springer verlag,London, Germany ISBN 978 81 322 2113 5	2014
5	Dr. Bashir N Jamadar	APPLIED SCIENCE (PHYSICS)" Subject Code: 312308 for MSBTE-K Scheme	Technical Publication Pune.	January-2024

6. Patents Filed:

Title of Patent	Name of Faculty	Patent No.	Date of File
A Method of Preparations of Terminalia Catappa Doped Lanthanium Strontium Magnetite Material Electrode for Supercapacitor Application.	K.V.Madhale	202321026489	10/04/2023
SOLAR-POWERED SMART STREETLIGHT (Design)	Dr. B. N. Jamadar and others	422727-001	09/07/2024
PWM DEVICE FOR INDUCTION MOTOR (Design)	Dr. B. N. Jamadar and others	422728-001	09/07/2024
AUTOMATIC RAILWAY GATE CONTROL DEVICE (Design)	Dr. B. N. Jamadar and others	422729-001	09/07/2024

DESIGN AND DEVELOPMENT OF PWM TECHNIQUE FOR THREE PHASE INDUCTION MOTOR DRIVE WITH AUTO FAULT DETECTION (Copy Right)	Dr. B. N. Jamadar and others	22118/2024-CO/L	12/07/2024
ADVANCED 3-PHASE INDUCTION MOTOR DRIVE SYSTEM WITH FAULT RECOGNITION AND REDUNDANCY (Utility)	Dr. B. N. Jamadar	ongoing	ongoing

7. Foreign Visits of Faculty:

K.V.Madhale visited England, France, Germany, Netherland, Belgium, Austria Italy in the period 12 April 2024 to 24 April 2024 .

8. Faculty successfully completing courses from foreign universities/ NPTEL/ SWAYAM:

Sr. No.	Name of the Faculty	Title of the Course	Date of Completion	Name of University
1	Dr. B. N. Jamadar	Module 4 – Instructional Planning and Delivery	Semester: October-November 2023 and passed Home Proctored Online Exam in February - March 2024	AICTE conducted by NITTT powered by **SWAYAM**
2	Dr. B. N. Jamadar	Module 5 – Technology Enabled Learning and Life-Long Self Learning	Semester: October-November 2023 and passed Home Proctored Online Exam in February - March 2024	AICTE conducted by NITTT powered by **SWAYAM**
3	Dr. B. N. Jamadar	Module 6 – Student Assessment and Evaluation	Semester: October-November 2023 and passed Home Proctored Online Exam in February - March 2024	AICTE conducted by NITTT powered by **SWAYAM**
4	Dr. B. N. Jamadar	Module 8 – Institutional Management and Administrative Procedures	Semester: October-November 2023 and passed Home Proctored Online Exam in February - March 2024	AICTE conducted by NITTT powered by **SWAYAM**
5	Dr. S. R. Dodla	Module 1_ Orientation Towards Technical Education and Curriculum Aspects	On going	NITTR, Chennai
6	Dr. S. R. Dodla	Module 2_ Professional Ethics & Sustainability	On going	NITTR, Chennai

7	Dr. S. R. Dodla	Module 3_ Communication Skills, Modes & Knowledge Dissemination	On going	NITTR, Chennai
8	Dr. S. R. Dodla	Module 4_ Instructional Planning and Delivery	On going	NITTR, Chennai

9. Faculty Achievements in last Five Years

Name of faculty	Prize/Award received	Organization/ Institute	Year
A.A.Powar	´Excellent Faculty of the Year Award2023-24'	By Saksham Society (A World Record Holder NGO, Jaipur Rajasthan)	29th October 2023
A.A.Powar	'Bhartia Guru Gaurav Samman for the Best Teacher'	Uttdhan Foundation Delhi	21 July 2024
Dr. B. N. Jamadar	Ph.D. Degree	P. A. H. Solapur University, Solapur	2021-22
K.V.Madhale	Felicitation for the huge number registration of new voters of our college by	District collector Dr.Daya Rajanidhi in a program at Chintaman College Sangli	25 Jan 2024.
K. V. Madhale	Received "Outstanding Nodal Officer 2024 "	Award/certificate from State main Election officers Mr. Shrikant Deshpande Sangli District Collector Dr. Raja Dayanedhi.	28/2/2023

10. FDP/Training Program/Guest Lecture organized by Faculty and Staff:
Activity Conducted:

Name of Event	Details of Event	Name of Event Coordinator	Date of Event
Online Guest lecture	Online Guest lecture for First Year students on Topic ' Applications of Mathematics in real life By Dr. Jatin Majithia (Assistant Professor in Indian Institute of Information Technology, Pune).	Mrs. Renuka Janagond	12 April 2024 @ 3.30pm
A Workshop of Acid-Base Titration on Virtual Lab at Walchand College of Engineering	A Workshop of Acid-Base Titration on Virtual Lab at Walchand College of Engineering was completed. This workshop was exclusively for the first year students of this college. IIT Bombay developed this	Dr. S. R. Dodla and A. A. Powar. & It was coordinated by College Nodal Coordinator Dr. U. B. Chavan.	24th April 2024.

	Workshop based on Virtual Lab platform.		
A signature campaign and vote oath ceremony under the new voter awareness Campaign	A signature campaign and vote oath ceremony was organized under the new voter awareness Campaign on 18/4/2024. Registrar Dr. Sunil Tamhankar, First year students, First Year Coordinator, Staff and Faculty H&S Department, teaching non-teaching staff of college and ELC	A.A. Powar & Registrar Dr. Sunil Tamhankar	18/4/2024
Coordinated for celebrations of Voter day program.	Competitions of drawing, slogan and elocution were conducted at H & S department. Many students participated and winners are felicitated by District collector Dr.Daya Rajanidhi in a program at Chintaman college Sangli on 25 Jan 2024.for the huge number registration of new voters of our college. Also attended Voters Day program Rally on 25 th January 2024 from morning 8.00 am onward at Station Chouck, Sangli.	K.V.Madhale and A A Powar	23 to 25 Jan 2024
"Swachta Abiyan" on the occasion of "Sant Gadgebaba Jayanti"	First Year students and A.A. Powar, Prof. K.V. Madhale, Dr. S.G. Tamhankar, participated in "Swachta Abiyan" on the occasion of "Sant Gadgebaba Jayanti"	First Year students and A.A. Powar, Prof. K.V. Madhale & Dr. S.G. Tamhankar	23/2/2024
Mission Yuva- New Voter Registration campaign at WCE	Mission Yuva- New Voter Registration campaign at WCE- Chemistry Laboratory on 8 th December 2023. Almost all first year students whose age is 18 years participated and registered for new voter online. For this event collector office representative Mr.Patil was present.	A.A. Powar, Prof. K.V. Madhale	8 th December 2023.
Counseling Session for Hostel Students (D5, D6, D7 & Cyber)	Organized by WCE Hostel Section	Dr. B. N. Jamadar	January 2023
Hostel Day (Boys and Girls Hostel)	Organized by WCE Hostel Section	Dr. B. N. Jamadar	May 2024

11. FDPs/Conference/Workshop Attended by Faculty, Staff:

Events Attended by Faculty:

Name of Event	Details of Event	Name of Faculty	Date of Event
IOT Academy,' Innovative Teaching & Learnings in HET'S'	FDP	A.A.Powar	19 to 27 Feb 2024
Appications of Nano Science & Nanotechnology by Devchandcollege Arjunnager	FDP	A.A.Powar	26-02-2024 to 2-03-2024
CSIR-NPL: Popular Science Writting	Workshop	A.A.Powar	05-03-2024
One day National Workshop on "Research Methodology" organized by Department of Chemistry, Anandibai Raorane Art, Commerce & Science College Vaibhavwadi	Workshop	A.A. Powar	24 April 2024.
completed online Three day FDP on "Machine Learning From Novice To Expert" held during Organized by Department of Computer Science & Engineering of DKTE's Yashwantrao Chavan Polytechnic, Ichalkaranji.	FDP	K.V. Madhale	11 to 13th March 2024,
completed online Nine days A series of conference " Vigyan Yatra (A travel for Scientific Indian Minds towards Vikshit Bharat Jointly organized by Department of Physics, Saurashta University, Rajkot & Department of Science & Technology, Government of Gujrat	Conference	K.V. Madhale	4th to 15 th March 2024.
Environmental Management for Sustainable Development	Faculty Development Programme, Organized by Rai School of Sciences, Rai University, Ahmedabad, Gujarat.	Dr. S. R. Dodla	29th January to 3rd February 2024
Applications of Nanoscience and Nanotechnology	National Seminar Organized by Post Graduate Department of Physics, Devachand College, Arjunnagar.	Dr. S. R. Dodla	26th February to 2nd March 2024
Outcome Based Education and Application of Generative AI in Teaching and Research	Faculty Development Programme, Organized by the Internal Quality Assurance Cell (IQAC) of Government College Kottayam, in association	Dr. S. R. Dodla	06th March 2024 to 13th March 2024

	with The Kerala State Higher Education Council (KSHEC).		
Advanced Physics in Engineering	Faculty Development Programme, Organized by Department of Basic Science and Humanities.	Dr. S. R. Dodla	11th March to 15th March 2024
Popular Science Writing	One Day online training programme, Organized by CSIR-National Physical Laboratory (NPL), New Delhi.	Dr. S. R. Dodla	5th March, 2024
Introduction to KnowltAll for Mass Spectrometry	One Day online training programme, Organized by Wiley Team.	Dr. S. R. Dodla	26th March 2024
National Seminar	Participated in the National Seminar on Applications of Nanoscience and Nanotechnology organized by Post Graduate Department of Physics, Devchand College, Arjunnagar from 26 Feb 2024 to 2 March 2024.	K.V.Madhale	26 Feb 2024 to 2 March 2024.
Hands On Online Training Workshop	Attended Two Day's Hands On Online Training Workshop On (3rd - 4th November -2023) On Nanomaterial & Nanodevice Modeling Simulation Using Nanodcal & Rescu Software From Nanoacademic Technologies.	K.V.Madhale	3 - 4 Nov 2023
Online training programme	Successfully participated in the online training programme on Popular Science Writing organized by CSIR-National Physical Laboratory, New Delhi on 5th March, 2024.	K.V.Madhale	5th March, 2024.
FDP	Participated in the One Week National level Online Faculty Development Program on Outcome Based Education and Application of Generative AI in Teaching	K.V.Madhale	06 March 2024 to 13 March 2024

	and Research, organised by the IQAC of Government College Kottayam, in association with The Kerala State Higher Education Council from 06 March 2024 to 13 March 2024 and has successfully completed all the tasks, assignments and assessments and secured an A grade.		
Online Course	Completed one-day online course on advanced PowerPoint.	K.V.Madhale	7 Oct 2023
FDP	Participated in 5 days online FDP on Advanced Physics in Engineering organized by Sanjeevan Engineering and Technology Institute Panhala.	K.V.Madhale	11-15 March 2024
Online course	One-day online course on advanced PowerPoint	K.V. Madhale	7/10/2023
International Conference	Paper Presented in "International Conference on Digital Technology: Its Impact, Challenges and Opportunities"	Dr. B. N. Jamadar	Feb 2023
National Conference	Paper Presented in "National Conference on Communication, Image Processing and Computing, (NCIPC)", Jointly Organized by Department of Electronics Engineering, Information Technology and Computer Science & Engineering, Walchand College of Engineering, Sangli	Dr. B. N. Jamadar	15-16 December 2023.
ATAL	Participated & Completed Six Days (One Week) AICTE Training And Learning (ATAL) Academy Faculty Development Program on "EMERGING TRENDS IN ELECTRIC VEHICLE" at WALCHAND COLLEGE OF ENGINEERING	Dr. B. N. Jamadar	08/01/2024 to 13/01/2024.

FDP	Participated & Completed One Week Faculty Development Program on "OPPORTUNITIES AND CHALLENGES IN OUTCOME BASED EDUCATIONS" organized by Department of Automobile Engineering, Ashokrao Mane Polytechnic, Vathar Vadgaon Dist- Kolhapur	Dr. B. N. Jamadar	29/01/2024 to 02/02/2024.
FDP	Participated in "National Seminar on Applications of Nanoscience and Nanotechnology" organized by Department of Physics, Devchand College Arjunnagar Nipani.	Dr. B. N. Jamadar	26/02/2024 to 02/03/2024
FDP	Participated One Week FDP on "Advanced Physics In Engineering" organized by Department of Basic Science and Engineering, Sanjeewan Engineering & Technical Institute, Panhala Dist. Kolhapur,	Dr. B. N. Jamadar	11-15 March 2024

12. Guest Lecture Delivered by faculty:

Name of Faculty	Place	Subject	Date of Lecture
Dr. B. N. Jamadar	Department of Physics, Willingdon College, Sangli	Referee for Poster Presentation in "MOMENTUM 2024".	07/02/2024
Renuka Khot	Department of Maths, Willingdon College, Sangli	Referee for Poster Presentation in "MOMENTUM 2024".	07/02/2024
A.A.Powar	KIT, Kolhapur	BOS meeting online	11/7/2023
A.A.Powar	TKITE, Warnager	BOS meeting	20/7/2024

13. MoU's Signed with Industries and Institutes in last five Years:
Academic
1. Bharati Vidyapeeth Deemed Uni., Medical College & Hospital, Sangli (01.08.2023) by Dr. B.N. Jamadar Chief Rector

3. Polytechnic Wing Activity Reports

3.1 Special Activities

A. Department of Civil Electronics Engg.
  a. MSBTE sponsored Quiz Competition conducted on 22.02.2024
  b. Executed MSBTE/ DTE school connect program in Miraj and Jath Taluka.

B. Department of Mechanical Engg.
  a. MOU with three industries i) Chaitnya Solar Systems, Sangli ii) Pramod Dairy, Sangli. iii) Mane Milk Product (Surabhi), Sangli (on 22/8/2023 upto 21/8/2028)
  b. Organized NSS and UMA activity in Inam-Dhamani, Sangli
  c. Executed MSBTE/ DTE school connect program in Miraj and Jath Taluka.

C. Department of Electrical Engg.
  a. Executed MSBTE/ DTE school connect program in Miraj and Jath Taluka.

D. Department of Industrial Electronics
  a. AICTE Grants received by Electronics Engg. Dept. (PW): Electronics Engg. (PW) department received a grant of Rs. 3.5 Lakhs from AICTE for conducting "ATAL FDP program on Electric Vehicles". This FDP was conducted in January 2024
  b. Dr. Anil A. Agashe was granted patent on "Contactless Sanitation System" by India Patent Office.
  c. Dr. Vinayak V. Sulakhe has worked as a reviewer in AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON) in association with IEEE Bangalore Section organized by NITTE Meenakshi Institute of Technology, Bengaluru.
  d. Dr. Vinayak V. Sulakhe has worked as a reviewer in the "ICAISC-2023" IEEE International Conference on Artificial Intelligence and Sustainable Computing held on 16th -17th, June 2023.
  e. Dr. Vinayak V. Sulakhe has worked as a reviewer in the "ICSSNSC-2023" IEEE International Conference on Data Science and Network Security held on 28th -29th October 2023.
  f. Executed MSBTE/ DTE school connect program in Miraj and Jath Taluka.

E. Induction Program for First Year Students
  a. Student induction program was organized by department of Humanities and science, Polytechnic Wing to help new students become familiar with their educational environment. It helps to students connect with their peers, faculty & staff, fostering of a sense of belonging and community within the institution. It helps to reduce initial anxiety and improve academic performance. It promotes a positive learning environment to the student.
  b. Dr. Balasaheb Vhankhande worked as a Co-coordinator, School connect program run by MSBTE and DTE.
  c. Executed MSBTE/ DTE school connect program in Miraj and Jath Taluka.

3.2 Guest Lectures Organized

A. Department of Civil Electronics Engg
  a. Guest lecture by Mr. Anant T Karmuse, "Career development in Rapid Construction".
  b. Guest lecture by Sunil N. Kulkarni, "Recent trends in estimating and costing".
  c. Guest lecture by Ar. Pramod Chowgule, "Green Buildings: Case Studies".
  d. Guest lecture by Er. Arbaaz Mirza, "Plumbing Systems (Fixtures and Fastenings)".
  e. Guest lecture by Nikhil Sutar by, "3D Solid Modelling and Rendering".

    f.   Guest lecture by Prof J M Gadgil, "Air Pollution - Sources, impact and Control"
    g.   Guest lecture by Mr. Vinayak Katkar, "Organizational management and Safety"

B. Department of Mechanical Engg
    a.   Guest lecture on "Solar Applications" by Mr. Sanjay Ranade
    b.   Guest lecture on "3D Printing and Printed Electronics" by Mr. S. D. Hankare
    c.   Guest lecture on "Refrigeration systems in Dairy Plant" by Mr. S. G. Mane
    d.   Guest lecture on "Personality Development and Career Guidance" by Mr. S. G. Mane

C. Department of Electrical Engg.
    a.   Guest lecture on "Energy Conservation" by Dr. M.M. Wagh, DOT, Shivaji University Kolhapur
    a.   Guest lecture on "Sexual Harassment of Women at work place Act,2013" Adv. Pooja Narwadkar Bharti Vidyapeeth New Law College, Sangli

D. Department of Industrial Electronics
    a.   Guest lecture by Mr. Nitin Naik, Entrepreneur was arranged for the benefit of students of the Electronics Department. He delivered his lecture on "Economics for Engineers" for final year students of Industrial Electronics at Walchand College of Engg. Sangli on 23rd May 2023.
    b.   Guest lecture by Mr. Shivaji Patil, Canada delivered his lecture on "Recent Technological Trends in Education in Canada" for final year students of Industrial Electronics at Walchand College of Engg. Sangli on 23rd August 2023. He is an alumnus of our DIE course in 2000.

E. Department of department of science and humanities
    a.   Guest lecture by Mr. J. Y. Mane, Head of Electrical Department, WCE, (P.W.) on future opportunities in Engineering, Science and Technology.
    b.   Guest lecture by Mr. H. P. Kulkarni HOD of Civil WCE, (P.W) on new education policy and K-Scheme curriculum-features.
    c.   Guest lecture by Mr. S. M. Phopare, faculty of applied mechanics Department WCE, (P.W.) on personality identification and personality devlopment.
    d.   Guest lecture by Mr. M. H. Kalawate, faculty of Science and Humanites, WCE, (P.W.) on habits of success.
    e.   Guest lecture by Mrs. A. S. Ainapure on importance of yoga and tips related with health.

3.3 Lectures delivered by Faculty in other institutions

A. Department of Mechanical Engg
    a.   Mr. D. B. Urunkar has Delivered Guest Lecture at Dr. Babasaheb Ambedkar Vachanalaya on "Youth Guidence"

B. Department of department of science and humanities
    a.   Dr. Balasaheb Vhankhande delivered guest lecture on Importance of Science and technology in our life in Balavantrao Marathe Vidyalay, Miraj on the occasion of National Science day on 28/02/2024.

3.4 Paper Published by Faculty

A. Department of Mechanical Engg
    a.   Mr. Amol V. Walvekar has published paper "Design and Topology Optimization of Bracket Type Housing for Multi Stage Gearbox" IJERT, Vol. 13, Issue 4, April 2024
    b.   Mr. Amol V. Walvekar and Smt. Ashwini V. Kamble has published paper "The Sustainable Road Transportation "Plug-In Hybrid Electric Vehicle": A Review, IJSREM, Vol. 7, Issue 6, July 2023
    c.   Mr. Amol V. Walvekar and Smt. Ashwini V. Kamble has published paper "A Review Paper on Comparison of Lithium and Sodium Ion Batteries for Electric Vehicle" IJSREM, Vol. 7, Issue 6, June 2023
    d.   Mr. Amol V. Walvekar and Smt. Ashwini V. Kamble has published paper "In Depth Reviews of Hybrid Electrical Vehicles (HEVs)" IJSREM, Vol. 7, Issue 6, June 2023

B. Department of Industrial Electronics

a. Mr. Shreyasi U. Patil has published "A Review on Python-The Fastest Growing Programming Language", International Journal for Multidisciplinary Research, Vol.6 Issue 3, May-June 2024, Paper Id 23112 ISSN: 2582-2160

C. Department of department of science and humanities

a. Dr. Balasaheb Vhankhande published Photocatalytic Degradation of Crystal Violet Dye Using Iron Oxide Nanoparticles in Journal of Nanoelectronics and Optoelectronics, Vol. 19, pp. 272–277, 2024

3.5 Conference Attended

A) Department of Industrial Electronics

a) Mr. Sachin U. Chavan has attended following conferences:

1) Springer RDCAPE23 at Amity University (UP), titled "Development of Electrical power Train for Conversion of IC Engine to E-bike" between 12-13th Oct 2023

2) At Graphic Era University, Dehradun, titled "A Review of Recent Advancements and Challenges in Battery Energy Storage System (BESS)" between 26 - 27th April 2024

b) Miss. Shreyasi U. Patil has attended National Conference on Recent Trends in Engineering and Technology – 2023, AITRCV, titled "IOT based Intelligent Monitoring System for Smart City" on 6th May 2023

B) Department of department of science and humanities

a. Dr. Balasaheb Vhankhande attended 6th International Conference on Nanomaterials for energy and Environment (Nano-E2) on 21st to 23rd December, 2023 jointly organized by The New College, Kolhapur and Shri Yashavantrao Patil Science College, Solankur in New College, Kolhapur Maharashtra, India

3.6 Books published

A) Department of department of science and humanities

1. Basic Science - Physics published by **Dr. Balasaheb Vhankhande**

Publisher: Technical Publications and ISBN 9789-3558-54513

2. **Applied Science - Physics** published by **Dr. Balasaheb Vhankhande and Dr. Bashir Jamadar**

Publisher: Technical Publications and ISBN 9789-3558-58597

3.7 FDP Programs Attended

A) Department of Mechanical Engg

a. Mr. Amol V. Walvekar has successfully completed 8 week course of SWAYAM (NPTEL-AICTE FDP) programs "Product Engineering and Design Thinking" Jan-March 2024

b. Mr. Amol V. Walvekar has successfully completed 4 week course of SWAYAM (NPTEL-AICTE FDP) programs "Understanding Design" Jan-March 2024

c. Mr. Amol V. Walvekar has successfully completed 8 week course of SWAYAM (NPTEL-AICTE FDP) programs "Design Practice" Jan-March 2024

d. Smt. Ashwini V. Kamble has successfully completed 8 week course of SWAYAM (NPTEL-AICTE FDP) programs ""Manufacturing Guidelines for product Design" Jan-March 2024

e. Mr. D. B. Urunkar, Mr. Amol V. Walvekar, Mr. M. S. Patil, Mr. G. N. Sargule and Smt. Ashwini V. Kamble has successfully completed 3 Days FDP program "Recent Trends in Industrial Automation & Robotics", organized by E&TC Dept. & Mechatronics Dept. Amrutvahini Polytechnic, Sangamner

f. Mr. M. S. Patil has successfully completed 01 Day "AI tools workshop" organized by 10x

B) Department of Industrial Electronics

a) Faculty Development Program on "Emerging Trends in Electric Vehicle (EV)" was held between 8th –13th January 2024, sponsored by AICTE Training and Learning Academy – ATAL was attended by Dr. Vinayak V. Sulakhe, Dr. Anil A. Agashe, Mr. Pradeep P. Patil, Mr. N. S. Narayankar, Mr. Sachin U. Chavan, Ms. Shreyasi U. Patil.

b) Online certificate course on "Youth Leadership on Climate Action" was held sponsored by Government of Maharashtra attended by Dr. Vinayak V. Sulakhe, Dr. Anil A. Agashe, Mr. Pradeep B. Patil, Mr. N. S. Narayankar, Mr. Sachin U. Chavan, Ms. Shreyasi U. Patil in March 2024.

c) Mr. Sachin U. Chavan has attended following training programs

   1) One week (FDP) FDP on High Performance Computing organized by WCE & C-DAC Pune under NSM between 26 to 30 July 2023

   2) 8 weeks FDP on Introduction to Abstract & Linear Algebra organized by SWAYAM (NPTEL-AICTE FDP) between July – Sept 2023

   3) One-week Industrial Training on Micro Station organized by Tata Consultancy Engineers (TCE), Mumbai between 20th – 24th Feb 2024

d) Mr. Shreyasi U. Patil has attended following training programs

   1) One Week STTP on Advance in Signal Processing Command VLSI at NIT, Delhi held between 22nd – 27th April 2024.

   2) One Week FDP on "A Comprehensive Power System Optimization Tool: GAMS" Dept. of electrical Engg. RIT, Sakhrale held between 21st – 25th May 2024.

C) Department of department of science and humanities

a. Dr. Balasaheb Vhankhande attended Faculty Development Program on "Productivity enhancement through stress management" was held between 20th –24th february 2024, organized by G H Raisoni institute of Engineering and Technology.

3.8 Any other special information

A) Department of Mechanical Engg

a. Miss. KHOBARE ANUJA A., Miss. KULKARNI JEEVANVIDYA R. and Miss. PATIL AADITI P. from 2023-24 batch of DME secured admission to Degree Course in Mechanical Engg. At Walchand College of Engg. Sangli

b. Smt. A. G. Londhe Secured admission for **PhD in Shivaji university**

c. Mr. Amol V. Walvekar, **1% Topper** in SWAYAM (NPTEL-AICTE FDP) 8-week course **"Product Engineering and Design Thinking"** Jan-March 2024

d. Mr. Amol V. Walvekar, **2% Topper** in SWAYAM (NPTEL-AICTE FDP) 4-week course **"Understanding Design"** Jan-March 2024

e. Mr. Amol V. Walvekar, **2% Topper** in SWAYAM (NPTEL-AICTE FDP) 8-week course **"Design Practice"** Jan-March 2024

B) Department of Electrical Engg.

a. Mr. S. S. Kamble pursuing Ph.D. I n "Power Quality Enhancement in Grid Connected EV Charging System Integrated with PV Using Z Source DSTATCOM"

C) Department of Industrial Electronics

a. Mr. Sarthak Mahajan from 2023-24 batch of DIE secured admission to Degree Course in Electronics Engg. At Walchand College of Engg. Sangli

b. Ms. Akshata B. Patil & Seema P. Patil from TY DIE presented their technical paper at the State level Paper presentation competition "Jigyasa 2024" organised by Govt. Resi. Women's Polytechnic, Tasgaon, Dist. Sangli on 6th March 2024 secured First under the guidance of Dr. V. V. Sulakhe

c. Ms. Vaishnavi Hajare & Sakshi Todkar from SY DIE presented their technical paper on "Artificial Intelligence" at the State level Paper presentation competition "WalTronics 2023" Organised by: WCE Sangli on 4 November 2023 and secured 3rd rank and prize of Rs. 1000 under the guidance of Dr. V. V. Sulakhe

d. Ms. Vaishnavi Hajare & Sakshi Todkar from SY DIE presented their technical paper on "Industrial Internet of Things (IIoT)" at the State level Paper presentation competition organised by: LESP Sangli on November 2023 under the guidance of Dr. V. V. Sulakhe

e. Ms. Vaishnavi Hajare & Sakshi Todkar from SY DIE presented their technical paper at the State level Paper presentation competition "Vasant Probe 2024" organised by: PVPIT, Sangli on 9th March 2024 and secured first rank under the guidance of Dr. V. V. Sulakhe

f. Ms. Rameshwari Mane from FY DIE presented her technical paper on "Application of ML in Medical Science" the National level Paper presentation competition "Ornate 2K23" organised by: Sharad Inst. Of Tech. Polytechnic, Yadrav on 7 October 2023 and secured 2nd rank and a Prize of Rs. 3000 under the guidance of Dr. V. V. Sulakhe.

g. Mr. Parth P. Kulkarni from TY DIE was the winner at the Chess Competition at the Inter Engineering Diploma Students Sports -2024 organised by MSBTE, Mumbai held at Govt. Polytechnic, Miraj.

4. Student Activity Reports

4.1. Walchand Sports Club Achievements 2023-24

Details of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year 2023-24

Name of the Award	Team or Individual	Name of the Student	Inter-University/State/National etc.	Name of the Event	Month and Year
Runner ups	Team	-	Zonal Games	Badminton Men	October 2023
Runner ups	Team	-	Zonal Games	Table Tennis Men	November 2023
Winner	Team	-	Zonal Games	Table Tennis Women	November 2023
Runner ups	Team	-	Inter Zonal Games	Table Tennis Men	November 2023
Runner ups	Team	-	Inter Zonal Games	Table Tennis Women	November 2023
Winner	Team	-	Zonal Games	Chess Men	October 2023
5th Rank	Individual	Aditya Tilak	Inter Zonal Games	Chess Men	October 2023
Qualified	Individual	Shirish Padulkar	Inter Zonal Games	Taekwondo Men	October 2023
Qualified	Individual	Shirish Padulkar	National Games	All India Taekwondo Championship	October 2023

❖ **List of the players:**

Football Men	Badminton Men	Table Tennis Men	Table Tennis Women	Chess Men
Yash Pujari	Soham Pujari	Kanom Ketan	Akshata Kulkarni	Madhusudan Kabra
Chetan Kamble	Vivek Nimbolkar	Gaurav Kolte	Vaishnavi Ladda	Omkar Kshirsagar
Sahil Patil	Atharva Dixit	Neeraj Pathradkar	Sayali Pawar	Siddhesh Kitkaru
Pranav Magdum	Adwait Samak	Arijeet Das	Nikita Mota	Rahul Khairmode

Alai Darang	Ankan Jagtap	Anant Patil	Neha Kore	Aditya Tilak
Vikas Jamoh	Om Kulkarni			
Siddhant Hendre	Aditya Quane			
Saurabh Mohite				
Tayyab Tarique				
Arnav Deshpande				
Gaurav Patil				
Manas Patil				
Shubham Patil				
Viraj jagtap				
Prajwal Patil				
Dhruv Pandhare				
Omar Tarique				

➢ SANGLI ZONAL BADMINTON TOURNAMENT MENS & WOMEN 2023-24

Date: 30 & 31 October 2023

Venue: Ashta

Organizer: A.D.C.E.T, Ashta

Our college recently participated in the highly anticipated Badminton Zonal Tournament, showcasing our athletes' dedication and skill on the court. The tournament, held at A.D.C.E.T, Ashta on 30 & 31 of October 2023 brought together colleges from the Sangli region in a spirited competition. A total of 12 students from our college participated in the tournament in which 5 students were girls and 7 students were boys.

Girls:

1. Vaishnavi Sandip Pawar

2. Sanika Rajaram Tarate

3. Yashashri Sanjay Kumbhar

4. Juilee Dipak Awati

5. Sakshi Bharat Panhalkar

Boys:

1. Soham Sachin Pujari

2. Vivek Mohan Nimbolkar

3. Atharva Rajesh Dixit

4. Adwait Vinod Samak

5. Ankan Manoj Jagtap

6. Om Prasanna Kulkarni

7. Aditya Sanjaykumar Quane

Staff Advisor: Bhushan Kavthekar

Result:

Our Boys Team has played total 4 rounds. In the first round we defeated R.R. College, Sawalaj. Into the next one, we won against V.P.I.M.S.R, Sangli. The next round was semifinal and we secured our place in Finals by winning against A.D.C.E.T, Ashta. In the Finals we got defeated by Chintaman College, Sangli and got 2nd prize of the tournament.

Our Girls Team also played very well but unfortunately got eliminated in the first round. They lost against A.D.C.B.P, Ashta.

➢   SANGLI ZONAL & INTERZONAL CHESS TOURNAMENT MENS & WOMEN 2023-24

Competition: Zonal chess tournament

Date: 23/10/23

Venue: Islampur

Organiser: YC College, Islampur

Girls:

1. Shreya Sharma

2. Rucha Ikare

Boys:

1. Madhusudan Kabra

2. Omkar Kshirsagar

3. Siddhesh Kitkaru

4. Rahul Khairmode

5. Adiya Tilak

Staff Advisor: Mr. S.S. Karvekar, Mr. R S Dhalait

Result:

From boys there were total 7 rounds and 6 were going to be selected for inter-zonals based on last standings out of which first four positions were held by the boy's team

Madhusudan Kabra - 1st Prize Rahul   Khermode - 2nd Prize

Adita Tilak - 3rd Prize   Siddhesh Kitaru - 4th Prize

From girls there were a total of 5 rounds and 6 were going to be selected for inter-zonals out of which Rucha Ikare was able to secure 4th position.

Rucha Ikare - 4th Prize

Competition: Inter Zonal chess tournament

Date: 27/10/23

Venue: Satara

Organiser: Savitribai Phule Mahila Mahavidyalaya, Satara

Girls:

1. Rucha Ikare

Boys:

1. Madhusudan Kabra

2. Siddhesh Kitkaru
3. Rahul Khairmode
4. Adiya Tilak
Staff Advisor: Mr. S. S. Karvekar, Mr. Anmol Magdum

Result:

From Girls Rucha Ikare secured 9th position.

From Boys Aditya Tilak secured 4th, Siddhesh Kitkaru secured 7th, Madhusudan Kabra secured 8th and Rahul Khairmode secured 9th rank.

SHIVAJI UNIVERSITY ,KOLHAPUR
ELIGIBILITY PROFORMA FOR ZONALTOURNAMENTS : YEAR 2023 - 2024

Name of the Tournament - **Zonal** (Chess)   Section: **Men**   Name of the Adviser :: S S Karvekar – Staff Advisor
Name of the Organizing College – Y.C. College , Islampur   Name of the Participating College - Walchand College of Engineering, Sangli

S. No	Full Name of the Participating Student				Date of Birth			MM & YR Passing HSC	Present		Permanent Registration Number (PRN)	Duration of the Course	MM &YY First admission to			No of Yr Previous Participation Grad P.G.		Re
	Surname	First	Father's	Mother's	DD	MM	YY		Class	R.N			College	Present Course	Present Class	G-Course	P G Course	
1	Kabra	Madhusudan	Ramnivas	Poonam	21	07	2003	2021	TY CSE	71	21510071	4 year	2021	2023	2023	-	-	
2	Kshirsagar	Omkar	Vitthal	Ujwala	03	08	2004	2022	SY Electrical	33	22310033	4 year	2022	2023	2023	-	-	
3	Kitkaru	Siddhesh	Sunil	Neeta	24	01	2003	2021	TY CSE	55	21510055	4 year	2021	2023	2023	-	-	
4	Khairmode	Rahul	Dashrath	Asha	13	09	2003	2021	TY MECH	58	21210058	4 year	2021	2023	2023	-	-	
5	Tilak	Aditya	Rahul	Arati	21	07	2004	2021	SY CSE	10	22510010	4 year	2022	2023	2023	-	-	
6																-	-	
7																-	-	
8																-	-	
9																-	-	
10																-	-	
11																-	-	
12																-	-	
13																		
14																		

CERTIFIED THAT –
1. All above mentioned students are bonafide students of this college.
2. Above mentioned particulars of the students are true and as per record of this college.
3. Above mentioned players are not employed anywhere on a full time basis.

TY- Third Year, SY- Second year, FY-First year.
Place: - Sangli

Date:²⁰/₁₀/2023   Sign of Staff Advisor.   (College Seal)   Sign of Principal

SHIVAJI UNIVERSITY ,KOLHAPUR
ELIGIBILITY PROFORMA FOR ZONALTOURNAMENTS : YEAR 2023 - 2024

Name of the Tournament - **Zonal** (Chess)   Section:: Women   Name of the Adviser :: S S Karvekar – Staff Advisor
Name of the Organizing College – Y.C. College , Islampur   Name of the Participating College - Walchand College of Engineering, Sangli

S. No	Full Name of the Participating Student				Date of Birth			MM & YR Passing HSC	Present		Permanent Registration Number (PRN)	Duration of the Course	MM &YY First admission to			No of Yr.Previous Participation Grad P.G.		Remark
	Surname	First	Father's	Mother's	DD	MM	YY		Class	R.N			College	Present Course	Present Class	G-Course	P G Course	
1	Sharma	Shreya	Rajesh	Varsharani	09	08	2004	2022	SY CSE	07	22510007	4 year	2022	2023	2023	-	-	-
2	Ikare	Rucha	Ramchandra	Swati	13	03	2004	2022	SY IT	29	22610029	4 year	2022	2023	2023	-	-	-
3																-	-	-
4																-	-	-
5																-	-	-
6																-	-	-
7																-	-	-
8																-	-	-
9																-	-	-
10																-	-	-
11																-	-	-
12																-	-	-
13																		
14																		

CERTIFIED THAT –
1. All above mentioned students are bonafide students of this college.
2. Above mentioned particulars of the students are true and as per record of this college.
3. Above mentioned players are not employed anywhere on a full time basis.

TY- Third Year, SY- Second year.
Place: - Sangli

Date:²⁹/9 2023   Sign of Staff Advisor.   (College Seal)   Sign of Principal

Dr. A. P. Patil

➢ SANGLI ZONAL FOOTBALL TOURNAMENT MENS 2023-24

Date: 28 & 29 October 2023 Venue: Krida Sankul, Miraj

Organiser: SM Dr. Bapuji Salunkhe College, Miraj

Our college recently participated in the highly anticipated Football Zonal Tournament, showcasing our athletes' dedication and skill on the field. The tournament, held at Krida Sankul, Miraj on 28 & 29 of October 2023 brought together colleges from the Sangli region in a spirited competition. A total of 17 students from our college participated in the tournament.

Boys:

1. Yash Kallappa Pujari
2. Chetan Ramdas Kamble
3. Sahil Shivaji Patil
4. Pranav Ajay Magdum
5. Alai Tapun Darang
6. Vikas Tanung Jamoh
7. Siddhant Satish Hendre
8. Saurabh Sanjay Mohite
9. Tayyab Tarique
10. Arnav Sarang Deshpande
11. Gaurav Shitalkumar Patil
12. Manas Ajitsingh Patil
13. Shubham Bhaskar Patil
14. Viraj Nandkishor jagtap
15. Prajwal Pramod Patil
16. Dhruv Dnyaneshwar Pandhare
17. Omar Tarique

Staff Advisor: Sagar Wandare

Result:

Our Boys Team has played total 4 rounds. In the first round we defeated A. C. College, Ashta.

Into the next one, we won against V.P.I.M.S.R, Sangli. The next round was semifinal and we secured our place in Finals by winning against Chintamanrao College, Sangli. In the Finals we were defeated by A. D. C. E. T, Ashta in penaltiea and got 2nd prize of the tournament.

➢ SANGLI ZONAL KABADDI TOURNAMENT MENS 2023-24

Date: 14 & 15 October 2023

Venue: Sangli

Organizer: A.D.Patil night college, Sangli

Our college recently participated in the highly anticipated Kabaddi Zonal Tournament, showcasing our athletes' dedication and skill on the court. The tournament, held at A.D.Patil Night College, Sangli on 14 & 15 of October 2023 brought together colleges from the Sangli region in a spirited competition. A total of 12 students from our college participated in the tournament.

S. No	Full Name of the Participating Student				Date Of Birth			MM &YR Passing HSC	Present		Permanent Registration Number (PRN)	Duration Of the Course	MM & Yr First Admission to			No.Of Yr Previous Participation Grad P.G.		Remark
	Surname	First	Father's	Mother's	DD	MM	YY		Class	Roll No			College	Present Course	Present Class	G Course	P G Course	
1	Pujari	Yash	Kallappa	Manisha	19	02	2002	2020	TY	54	21110054	4 yr	2021	2023	2023	-	-	-
2	Kamble	Chetan	Ramdas	Jayshree	27	05	2003	2021	TY	64	21110064	4 yr	2021	2023	2023	-	-	-
3	Patil	Sahil	Shivaji	Sangeeta	22	06	2003	2021	TY	60	21510060	4yr	2021	2023	2023	-	-	-
4	Magdum	Pranav	Ajay	Rekha	21	04	2003	2021	TY	64	21310064	4yr	2021	2023	2023	-	-	-
5	Darang	Alai	Tapun	Yami	16	07	1999	2018	LY	03	2020BTECV00003	4yr	2020	2023	2023	-	-	-
6	Jamoh	Vikas	Tanung	Yasong	27	11	2000	2019	LY	01	2020BTECV00001	4yr	2020	2023	2023	-	-	-
7	Hendre	Siddhant	Satish	Shaila	16	09	2004	2022	SY	12	22110012	4yr	2022	2023	2023	-	-	-
8	Mohite	Saurabh	Sanjay	Neha	24	12	2003	2022	SY	59	22210059	4yr	2022	2023	2023	-	-	-
9		Tayyab	Tarique	Shaista	02	07	2004	2022	SY	67	22510067	4yr	2022	2023	2023	-	-	-
10	Deshpande	Arnav	Sarang	Renuka	12	11	2003	2021	TY	17	21110017	4yr	2021	2023	2023			
11	Patil	Gaurav	Shitalkumar	Vrushali	24	01	2003	2020	LY	76	2020BTEIT00076	4yr	2020	2023	2023			
12	Patil	Manas	Ajitsingh	Sadhana	13	09	2004	2022	SY	32	22210032	4yr	2022	2023	2023			
13	Patil	Shubham	Bhaskar	Sindhu	02	09	2002	2022	SY	57	22210057	4yr	2022	2023	2023			
14	Jagtap	Viraj	Nandkishor	Annapurna	27	08	2004	2022	SY	70	22110070	4yr	2022	2023	2023			
15	Patil	Prajwal	Pramod	Shailaja	26	06	2005	2023	FY	35	23310035	4yr	2023	2023	2023			
16	Pandhare	Dhruv	Dnyaneshwar	Sandhya	12	12	2002	2020	LY	19	2020BTEME00019	4yr	2020	2023	2023			
17		Omar	Tarique	Shaista	21	06	2003	2021	TY	05	21510005	4yr	2021	2023	2023			
18																		

CERTIFIED THAT –1. All above mentioned students are **bonafide** students of this college 2. Above **mentioned particulars** of the students are true and as per record of this college. 3. Above mentioned players are not employed anywhere on full time basis.

Place: - Miraj,   FY- First Year , SY- Second Year, TY- Third Year , LY- Last Year

Date: 26/10/2023   Sign Of Staff Advisor   (College Seal)   Sign Of Principal

Boys:

1. Dhairyaprasad Dhanaji Ekal

2. Prathmesh Shantosh Raje

3. Nikhil Kisan Naitham

4. Anurag Ashish Magdum

5. Shivraj Sanjay Patil

6. Vaibhav Annaso Kothavale

7. Saad Sikandar Shaikh

8. Pramodkumar Suresh Kute

9. Amol Dnyaneshwar Male

10. Rushikesh Narendra Suryawanshi

11. Sumit Suresh Tarate

12. Pranav Ramkisan Damale

Staff Advisor: Mr. V.V.Dhende

Result:

In our Kabaddi zonal tournament is spanning two crucial rounds, we commenced with a fortunate bye in the opening stage, granting us a moment of respite. However, the second round brought forth a challenging face-off against K.W.C. Sangli, ending in a hard-fought battle that culminated in an unfortunate defeat.

SHIVAJI UNIVERSITY, KOLHAPUR
ELIGIBILITY PROFORMA FOR ZONAL\ INTER-ZONAL TOURNAMENTS: YEAR 2023 - 2024

Name of the Tournament – Kabaddi   Section : - Men   Name of the Manager/Adviser: - Dr. P.K.Kharat   His/her status: - Staff Advisor

Name of the Organizing College: – Smt. R.N.P. Kanya Maha. Sangli.   Name of the Participating College: - Walchand College of engineering, Sangli

S. No	Full Name of the Participating Student				Date Of Birth			MM & YR Passing HSC	Present		Permanent Registration Number (PRN)	Dur ation Of the Cou rse	MM & Yr First Admission to			No.Of Yr Previous Participation Grad P.G.		Remark
	Surname	First	Father's	Mother's	DD	M M	YY		Class	Roll No			Colleg e	Present Course	Prese nt Class	G Cours e	P G Cours e	
1	Raje	Prathamesh	Shantosh	Rani	23	05	2002	2020	LY	33	2020BTECS00033	4 yr	2020	2023	2023	-	-	-
2	Ekal	Dhairyaprasad	Dhanaji	Sarita	30	06	2002	2020	LY	91	2020BTECS00091	4 yr	2020	2023	2023	-	-	-
3	Naitham	Nikhil	Kisan	Nalini	15	08	2002	2020	LY	28	2020BTECS00028	4yr	2020	2023	2023	-	-	-
4	Magdum	Anurag	Ashish	Rupali	22	01	2002	2020	LY	105	2020BTECS00105	4yr	2020	2023	2023	-	-	-
5	Patil	Shivraj	Sanjay	Manisha	24	07	2004	2022	SY	77	22110077	4yr	2022	2023	2023	-	-	-
6	kothavale	Vaibhav	Annaso	Sangita	25	04	2004	2022	SY	72	22410072	4yr	2022	2023	2023	-	-	-
7	Shaikh	Saad	Sikandar	Reshma	23	04	2005	2023	FY	30	23210030	4yr	2023	2023	2023	-	-	-
8	Tarate	Sumit	Suresh	Sunita	23	05	2005	2023	FY	25	232100225	4yr	2023	2023	2023	-	-	-
9	Male	Amol	Dnyaneshwar	Anitabai	03	01	2004	2022	SY	15	22110015	4yr	2022	2023	2023	-	-	-
10	Suryawanshi	Rushikesh	Narendra	Nilam	07	01	2005	2023	FY	37	23410037	4yr	2023	2023	2023	-	-	-
11	Kute	Pramodkumar	Suresh	Ashabai	15	09	2004	2022	SY	60	22210060	4yr	2022	2023	2023	-	-	-
12	Damale	Pranav	Ramkisan	Megha	20	03	2004	2022	SY	73	22110073	4yr	2022	2023	2023			
															-	-	-

CERTIFIED THAT –1. All above mentioned students are bonafide students of this college 2. Above mentioned particulars of the students are true and as per record of this college. 3. Above mentioned players are not employed anywhere on full time basis.	Place: - Sangli , FY- First Year , SY- Second Year, LY- Last Year
	Date: 05/10/2023 Sign Of Staff Advisor (College Seal) Sign Of Principal

➢ SANGLI ZONAL Kho-Kho OURNAMENT WOMEN 2023-24

Date: 9th October 2023

Venue: Vita

Organizer: Balwant Collage Vita

Our college recently participated in the highly anticipated Kho-Kho Zonal Tournament, showcasing our athletes' dedication and skill on the court. The tournament, held at Balwant collagw Vita on 9th of October 2023 brought together colleges from the Sangli region in a spirited competition. A total of 12 students from our college participated in the tournament in which 12 students were girls.

Girls:

1. Ghodake Kajal   2. Waghmode Kajal   3. Heganna Revati   4. Dhumale Rumani

5. Jadhav Siddhi   6. Linge Sanjivani   7. Madhe Gita   8. Jopale Bhagyashri

9. Patil Shweta   10. Tavadare Mrunalini   11. Kamble Shreya   12. Ligade Nilima

Staff Advisor: Dr. B. N Naik

Result:

Our Girls Team played very well but unfortunately got eliminated in the first round. They lost against K. W. C Collage Sangli
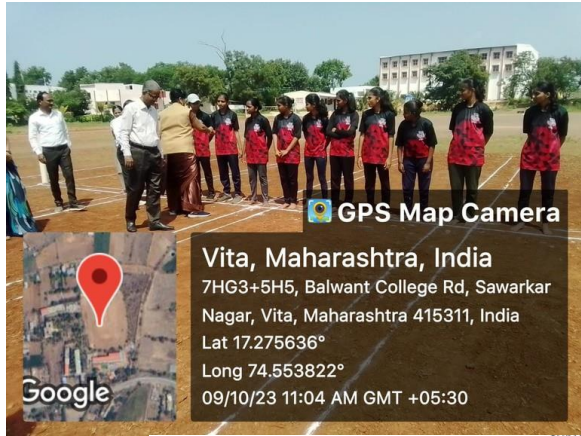
SHIVAJI UNIVERSITY, KOLHAPUR
ELIGIBILITY PROFORMA FOR ZONAL\ INTER-ZONAL TOURNAMENTS: YEAR 2023 - 2024

Name of the Tournament – Kho-Kho(W) Section : - Women   Name of the Manager/Adviser: - Dr. B N NAIK   His/her status: - Staff Advisor

Name of the Organizing College: – Balwant College Vita.   Name of the Participating College: - Walchand College of engineering, Sangli

S. No	Full Name of the Participating Student				Date Of Birth			MM & YR Passing HSC	Present		Permanent Registration Number (PRN)	Dur atio n Of the Cou rse	MM & Yr First Admission to			No.Of Yr Previous Participation Grad P.G.		Remark
	Surname	First	Father's	Mother's	DD	MM	YY		Class	Roll No			Colle ge	Present Course	Prese nt Class	G Cours e	P G Cours e	
1	Ghodake	Kajal	Dnyaneshwar	Pinku	23	07	2004	2022	SY	09	22110009	4 yr	2022	2023	2023	-	-	-
2	Waghmode	Kajal	Vijay	Savita	17	03	2005	2022	SY	13	22210013	4 yr	2022	2023	2023	-	-	-
3	Heganna	Revati	Shrishail	Minakshi	07	01	2004	2022	SY	40	22210040	4yr	2022	2023	2023	-	-	-
4	Dhumale	Rumani	Charudatta	Smita	03	11	2004	2022	SY	49	22310049	4yr	2022	2023	2023	-	-	-
5	Jadhav	Siddhi	Jaysing	Manisha	14	02	2005	2023	FY	10	23410010	4yr	2023	2023	2023	-	-	-
6	Linge	Sanjivani	Nana	Sulochana	02	06	2004	2022	SY	50	22110050	4yr	2022	2023	2023	-	-	-
7	Madhe	Gita	Budha	Muktabai	01	10	2002	2022	SY	32	22410032	4yr	2022	2023	2023	-	-	-
8	Jopale	Bhagyashri	Vilas	Suman	22	09	2004	2022	SY	08	22310008	4yr	2022	2023	2023	-	-	-
9	Patil	Shweta	Shahaji	Rajashri	22	08	2004	2022	FY	18	23510018	4yr	2023	2023	2023	-	-	-
10	Tavadare	Mrunalini	Ravindra	Smita	02	12	2004	2023	FY	47	23210047	4yr	2023	2023	2023	-	-	-
11	Kamble	Shreya	Vikas	Ashwini	24	11	2004	2023	FY	24	23410024	4yr	2023	2023	2023	-	-	-
12	Ligade	Nilima	Rajesh	Dipali	07	01	2005	2022	SY	74	22210074	4yr	2022	2023	2023	-	-	-
															-	-	-

CERTIFIED THAT –1. All above mentioned students are bonafide students of this college 2. Above mentioned particulars of the students are true and as per record of this college.
3. Above mentioned players are not employed anywhere on full time basis.

Place: - Sangli ,   FY- First Year , SY- Second Year, LY- Last Year

Date: 09/10/2023   Sign Of Staff Advisor   (College Seal)   Sign Of Principal

➢ Table Tennis Zonal and Inter-zonal matches report 2023

The Table Tennis tournament organized by the Sangli Vibhagiya Krida Parishad under Shivaji University at V.P.I.M.S.R, Sangli, held on November 6th, and the subsequent Interzonal Tournament on November 9th at Shri Vivekanand College, Kolhapur, displayed a strong dedication to competition, skill, and excellence. Athletes from diverse regions exhibited impressive skill and sportsmanship in both Zonal and Inter zonal Matches, hosted at renowned venues. The women's and men's teams excelled, clinching victory and runner-up spots respectively in the Zonal Matches and securing 3rd place in the Inter Zonal matches at Shri Vivekananda College, Kolhapur.

Women's Team:

Name	PRN No.	Class	Branch
Akshata Gopal Kulkarni	2020BTEEN00009	Final Year B.Tech	Electronics Engineering
Vaishanavi Laxmikant Ladda	21610076	Third Year B.Tech	Information Technology
Sayali Tanaji Pawar	2020BTEEN00022	Final Year B.Tech	Electronics Engineering
Nikita Nitin Mota	2020BTEEN00025	Final Year B.Tech	Electronics Engineering
Neha Rahul Kore	2020BTEEN00014	Final Year B.Tech	Electronics Engineering

Men's Team:

Staff Advisors:

Name	PRN No.	Class	Branch
Neeraj Satish Pathradkar	21310048	Third Year B.Tech	Electrical Engineering
Anant Patil	23410070	First Year B.Tech	Electronics Engineering
Gaurav Kalyan Kolte	2020BTEEN00048	Final Year B.Tech	Electronics Engineering
Arijeet Gopesh Das	23220007	Second Year B.Tech	Mechanical Engineering
Kanom Ketan	2020BTECV00002	Final Year B.Tech	Civil Engineering

Name	Role	Sport Category	Branch
Mr. M.B. Narnaware	Staff Advisor	Table Tennis	Information Technology
Mrs A.M.Chimanna	Co-Staff Advisor	Table Tennis	Computer Science and Engineering

Results:

All players delivered exceptional performances in the Zonal Matches, earning them spots in the Inter Zonal Matches. The Women's team emerged as the champions, while the Men's team secured the runner-up position. The Inter Zonal Matches featured thrilling contests, with closely fought matches and unexpected comebacks, providing an edge-of-the-seat experience for the audience. Both the Men's and Women's teams achieved the 3rd rank in the matches, competing against a total of 12 teams in each category.

Experience and feedback:

Participating in Zonal and Inter-Zonal Table Tennis matches was an electrifying experience. The competitive atmosphere, diverse opponents, and high-stakes matches tested our skills and resilience. Navigating through intense rallies, wins, and losses, each match taught us valuable lessons. The support from teammates and faculty advisers was crucial, fostering camaraderie amidst the fierce competition. We would like to thank both the faculty advisors Mr. M.B. Narnaware and Mrs A.M.Chimanna for every help they have provided. Both the faculty memberswere present at the venue in Zonal as well as the Inter-Zonal tournament and boosted our confidence. Both our faculties supported us at the time of matches which had given us strength while playing. We would like to express our gratitude to Dr. A. P. Patil, the Staff Advisor of the WCE Sports Club, for the valuable guidance and advice that he has offered.

Suggestions:

It would be helpful to have a well-organized college kit for the upcoming matches,It will show unity among the team.

Conclusion:

The Zonal and Inter zonal Table Tennis Matches showcased the talent and dedication of the athletes, providing a platform for fierce competition and fostering sportsmanship. The table tenniscommunity looks forward to the next edition, expecting even greater achievements and memorable moments.

Zonals**:**

Inter Zonals:

➢ SANGLI ZONAL VOLLEYBALL TOURNAMENT MENS 2023-24

Date: 20 October 2023

Venue: Borgaon (Islampur)

Organizer: M.P.P. Mahavidyalaya, Borgaon.

Our college recently participated in the most enthusiastic team event Volleyball Zonal Tournament, showcasing our athletes' dedication and skill on the court. The tournament, held at M.P.P. Mahavidyalaya, Borgaon. On 20th of October 2023 which brought together colleges from the Sangli region full of spirit. A total of 11 students from our college participated in the tournament.

Participants:-

1) Gaikwad Abhishek Chandrashekhar

2) Miraje Shubham Rajendra

3) Avhad Parth Sanjay

4) Khot Atharva Rajesh

5) Gop Rahul Kumar Yogendra

6) Nutiwar Tanish Satyanarayanan

7) Khedkar Amit Ajay

8) Kuwar Ghanshyam Sanjay

9) Khare Aniket Rahul

10) Ghatage Rushikesh Prakash

11) Dargyal Tenzin Dechin Hridar

Result:-

Though we gave our full efforts and dedication could not make it in knock-out matches. Match consist of 3 sets (25 + 25 + 15). We lost it by 2-0. Initially, we had control on game but later we could not maintain the lead and thus did not sustain in the tournament. We lost against Chintamanrao Institute of Management Development and Research Sangli.

Sr. No	Full Name of the Participating Student				Date Of Birth			MM & YR Passing HSC	Present	Permanent Registration Number (PRN)		Duration Of the Course	MM & Yr Admission to		First	No.Of Yr Previous Participation Grad P.G.		Remark
	Surname	First	Father's	Mother's	DD	MM	YY		Class	Roll No			College	Present Course	Present Class	G Course	PG Course	
1	Gaikwad	Abhishek	Chandrashekhar	Sangita	19	05	2002	March 2020	Final Year	37	2020BTECV00037	4 yr	2020	2023	2023	-	-	-
2	Miraje	Shubham	Rajendra	Alka	13	01	2002	February-2020	Final Year	72	2020BTECV00072	4 yr	2020	2023	2023	-	-	-
3	Avhad	Parth	Sanjay	Sunita	15	03	2004	March-2022	SY	55	22210055	4yr	2022	2023	2023	-	-	-
4	Khot	Atharva	Rajesh	Minakshi	13	10	2004	March-2022	SY	81	22410081	4yr	2022	2023	2023	-	-	-
5	Nutiwar	Tanish	Satyanarayan	Anita	08	03	2003	August-2022 (Diploma)	TY	04	22220004	4yr	2022	2023	2023	-	-	-
6	Gop	Rahul Kumar	Yogendra	Sanjudevi	20	06	2002	February-2020	Final Year	14	2020BTEIT00014	4yr	2020	2023	2023	-	-	-
7	Khedkar	Amit	Ajay	Anita	28	02	2004	March-2022	SY	12	22410012	4yr	2022	2023	2023	-	-	-
8	Kuwar	Ghanshyam	Sanjay	Sharda	17	10	2003	March-2021	TY	08	21310008	4yr	2021	2023	2023	-	-	-
9	Khare	Aniket	Rahul	Meghana	29	11	2002	March-2021	TY	47	21510047	4yr	2021	2023	2023	-	-	-
10	Ghatage	Rushikesh	Prakash	Vidya	28	02	2006	February-2023	FY	21	23510021	4yr	2023	2023	2023			
11	Dargyal	Tenzin	Dechin Hridar	Yangchen Lhamu	17	09	2003	February-2022	FY	51	23510051	4yr	2023	2023	2023			

CERTIFIED THAT –
1. All above mentioned students are bonafide students of this college
2. Above mentioned particulars of the students are true and as per record of this college.
3. Above mentioned players are not employed anywhere on full time basis.

Place: - Borgaon.   FY- First Year , SY- Second Year, TY- Third Year

Date: /10/2023   Sign of Staff Advisor   College Seal   Sign Of Principal

Dr. A.P .Patil
(Staff Advisor WCE SPORTS CLUB Gymkhana In- Charge)

➢ SANGLI ZONAL VOLLEYBALL TOURNAMENT WOMEN 2023-24

Date: 30 September 2023

Venue: Islampur

Organizer: M.V.P Kanya Maha.Islampur

Our college recently participated in the highly anticipated Volleyball Zonal Tournament, showcasing our athletes' dedication and skill on the court. The tournament, held at M.V.P Kanya Maha.Islampur on 30 of September 2023 brought together colleges from the Sangli region in a spirited competition. A total of 10 students from our college participated in the tournament.

Girls:

1. Shreya Pradip Patil

2. Pranavi Baad Pradip

3. Sakshi Ramling Gugari

4. Aditi Prakash Yamgar

5. Revati Shrishail Heganna

6. Sakshi Sachin Mehetre

7. Rumani Charudatta Dhumale

8. Samrudhi Bahubali Patil

9. Bushra Bashir Jamadar

10. Nimisha Sudhir Tutu

Staff Advisor: P. D. Maskar

Result:

Our Girls Team played very well but unfortunately got eliminated in the first round. They lost against A.D.C.E.T, Ashta.

SHIVAJI UNIVERSITY, KOLHAPUR
ELIGIBILITY PROFORMA FOR ZONAL & INTER-ZONAL TOURNAMENTS: YEAR 2023 - 2024

Name of the Tournament – Volleyball (W) Section: - Women   Name of the Manager/Adviser: - Prof. P. D. Maskar   His/her status: - Staff Advisor

Name of the Organizing College: – M.V.P, Kanya Maha, Islampur   Name of the Participating College: - Walchand College of engineering, Sangli

S. No	Full Name of the Participating Student				Date Of Birth			MM & YR Passing HSC	Present		Permanent Registration Number (PRN)	Duration Of the Course	MM & Yr First Admission to			No.Of Yr Participation P.G.		Remark
	Surname	First	Father's	Mother's	DD	MM	YY		Class	Roll No			College	Present Course	Present Class	UG Course	PG Course Grad	
1	Patil	Shreya	Pradip	Vaishali	11	05	2003	2021	TY	56	21110056	4 yr	2021	2023	2023	-	-	-
2	Baad	Pranavi	Pradip	Vandana	04	02	2006	2023	FY	114	23510114	4 yr	2023	2023	2023	-	-	-
3	Gugari	Sakshi	Ramling	Pooja	10	06	2002	2020	TY	15	21110015	4yr	2021	2023	2023	-	-	-
4	Yamgar	Aditi	Prakash	Rupali	19	11	2003	2021	TY	34	21410034	4yr	2021	2023	2023	-	-	-
5	Heganna	Revati	Shrishail	Minakshi	07	01	2004	2022	SY	40	22210040	4yr	2022	2023	2023	-	-	-
6	Mehetre	Sakshi	Sachin	Surekha	22	08	2005	2023	FY	03	23110003	4yr	2023	2023	2023	-	-	-
7	Dhumale	Kumani	Charudatta	Smita	03	11	2004	2022	SY	49	22310049	4yr	2022	2023	2023	-	-	-
8	Patil	Samrudhi	Bahubali	Savitri	02	08	2004	2022	SY	54	22110054	4yr	2022	2023	2023	-	-	-
9	Jamadar	Bushra	Bashir	Afsana	16	11	2005	2023	FY	75	23410075	4yr	2023	2023	2023	-	-	-
10	Tutu	Nimisha	Sudhir	Binu	19	07	2005	2023	FY	04	23410004	4yr	2023	2023	2023			

CERTIFIED THAT –1. All above mentioned students are bonafide students of this college
2. Above mentioned particulars of the students are true and as per record of this college.
3. Above mentioned players are not employed anywhere on full time basis.

Place: - Islampur,   FY- First Year , SY- Second Year, TY- Third Year

Date: 28/09/2023   Sign Of Staff Advisor   Sign Of Principal

4.2 Student Club Activities

Name of the Student Club: WCE ACM Student Chapter
List of major activities Conducted during year 2023-24

Activity No.	Activity	Date/s
1.	Main Board Interviews and Declaration	First Week of August
2.	General Interest Meet (GIM) : Synanto	24th August 2023
3.	Executive Board Interviews and Declaration	18th October 2023
4.	Member Board Interviews and Declaration	27th November 2023
5.	DSA launchpad	9th Oct 2023 to 6th Nov 2023
6.	Research Symposium on Computing (RSC)	7th Nov 2023
7.	Member Board Introductory Task	14th Nov 2023
8.	Club Service: MySQL	30th Jan 2024 to 31st Jan 2024
9.	Weekly Blogs on Social Media - Daily Tech News and New Technologies	Weekly Duration
10.	WCE ACM Hackathon: National Level Mega Event With over 750+ registrations from all over India.	14th Feb to 24th Mar 2024
11.	Jagruti'23	19th Mar 2024

Glimpse of Mega Event: WCE Hackathon 2024

National Level Event entitled as WCE Hackathon 2024 consisted of 2 Levels, first being the Idea submission round, after shortlisting the finalists will enter a 24-hour implementation round, from which winners will be decided by our renowed field expert judges.
The organizing committee of this event included WCE WCE Team, Dr. M.A Shah– Staff Advisor and Dr. A.R Surve – Assoc. Dean Student Activites.
WCE ACM has undertaken this initiative under their guidance for the betterment of young generation in terms of programming, technology & acquiring professional skills and also having guidance from field experts.

Name of the Student Club: CESA (Civil Engineering Students' Association)
List of major activities Conducted during year 2023-24

Activity Number	Activity	Date/s
1.	Weekly Club Services (03 CS's)	07 Nov 2023, 29 Jan 2024 and 19 March 2024
2.	Teachers' Day	05 September 2023
3.	Engineers' Day	15 September 2023
4.	AAKAR 2023 – National Level Technical Event	20, 21 and 22 October 2023
5.	Alumni Meet	06 January 2024
6.	GATE Aptitude Session	13 January 2024
7.	Social Activity	26 January 2024
8.	FE's Special Event	13, 14 and 15 March 2024
9.	Site Visits	16 March 2024
10.	Samanvay 2k24	13 April 2024

Glimpse of Mega Event: AAKAR 2023

Inauguration Ceremony

Chief Guest: ACP. Pranil Gilda, SDPO Miraj

Prize Distribution Ceremony

Chief Guest: Shri. Chandrasekhar Patole Superintendent Engineer, WRD, Sangli Irrigation Board

AAKAR IS A NATIONAL LEVEL TECHNICAL SYMPOSIUM WHERE STUDENTS FROM ALL OVER THE NATION PARTICIPATE IN VARIOUS TECHNICAL AS WELL AS NONTECHNICAL EVENTS. AAKAR PROVIDES A GOLDEN OPPORTUNITY TO COMMUNICATE AND EXCHANGE THE IDEAS BETWEEN THE STUDENTS OF DIFFERENT FIELDS. IT IMPARTS PRAGMATIC KNOWLEDGE AND TESTS THE SKILLS, ABILITIES OF STUDENTS BY MAKING THEM OBSERVANT.

AAKAR 2023 was organized from 20th to 22nd October, 2023. The event was based on the theme of "Vasturang".

More than 1000 students actively participated in "AAKAR 2023". In this event, ten different competitions, one workshop and two school level

Team
AAKAR
2023

competitions were organized. These include Cadcon– AutoCAD Competition; Gatequest – Gate exam process based competition; Auction Alliance– Contracting and Estimation based competition; Recruitomania – Campus Recruitment Process; Sanrachna –On the spot structure Making competition; IASpire – Government Examination Process; Ideapreneur– Startup based programs; Yuvasansad- Parliament related event; Civilshutter-Photo/reel competition; Sanrachna-column and pier making competition. In school level programs, Artistic-Drawing competition and Fiction foundary-storytelling competition were held. In addition to it, a workshop on real estate insights was organized.

Association of Computer Science and Engineering Students (ACSES)
List of major activities Conducted during year 2023-24

Activity Number	Activity	Date/s
1.	General Interest Meet	4th September 2023
2.	Club Service : Roadmap for FE's	23 November 2023
3.	Member Board Interviews	30 October to 2 November 2023
4.	Battle Conclave Intraclub event	20 December 2023 to 10 January 2024
5.	C++ Bootcamp	13-14 January 2024
6.	Club Service : Blockchain	9 February 2024
7.	Genesis Intra Club event	30 March to 20 April 2024

CodeChef WCE Chapter
Mega Event Name : WCPC (walchand collegiate programming contest)
Event Date: 8th and 11th March
Event Location : Main CCF, IT department
Event Summary: Conducted a competitive programming contest similar to WCPC. The event began with an online coding

List of major actvities conducted during year 2023-24

Activity Number	Activity	Date/s	Participants	
1.	CP CookBook	August 2023	100	
2.	GIM (General Interest Meet)	6th Septmber 2023	100	
3.	Assistant Board Declaration	5th November 2023	40	
4.	Member Board Declaration	30th November 2023	50	
5.	Coffee With Chef	10th December 2023	80	
6.	CPP Bootcamp	13th - 14th January 2024	110	
7.	ICPC talk	7th February 2024	60	
8.	WCPC	8th - 11th March 2024	200	

Name of the Student Club: Electronics Engineering Students' Association. (ELESA)

Electronics Engineering Students Association is a departmental; technical club of Walchand College of Engineering, Sangli. Established in the year 1992 has a trademark feature of reinventing itself every time, year after year. ELESA represents current students within the Electronics Engineering Dept. at WCE,

Sangli. Our goal is to organize social and professional activities which strengthen and enrich the community within the department, and to help publicize various research activities within the department. We organize social events and help to communicate with the department and the students. Here, the students organize themselves to develop and improve various skills and to impart technical knowledge and keep in pace with the latest trends in technology.

List of major activities Conducted during year 2023-24

Sr. No.	Activity	Date
1	Club Service on Nanotechnology	10 August 2023
2	Meraki 2.0: Intraclub event Technical — Non-Technical 1.Get-Set-Web — 1. Click Master 2. Coding Comrades — 2. Design Dazzle 3. TechTrivia	14 to 22 August, 2023.
3	ELESA GIM 2023: GIM, the General Interest Meet along with the departmental tour for FY	28th August,2023.
4	Teachers' Day	5th September, 2023.
5	JOINT BOARD interviews and declaration	15 September, 2023.
6	ASSISTANT BOARD interviews and declaration	11 October, 2023.
7	ELECTROVERT '23-24: Mega Event including 10 sub-events.	04-05 November, 2023.
8	Alumni Meet	6 January, 2024

9	Club Service on Raspberry Pi	24 January, 2024
10	CSR: A visit to Old-Age home	10 February, 2024.
11	Roboholic 2024: Robot building and fighting competition	24-25 April, 2024

Name of the Student Club: IEEE WCE Students' Chapter
List of major activities Conducted during year 2022-23

Activity Number	Activity	Date/s
1.	Guest Lecture	16th August 2023
2.	Club Service	28th August 2023
3.	Student Membership Enhancement and Leadership Training (SMELT 4.3)	16th September 2023
4.	Member Board Aptitude Test	30th September 2023
5.	Member Board Interview and Declaration	1st to 3rd October 2023
6.	GIM	6th October 2023
7.	Webinar	1st November 2024

Student Membership Enhancement and Leadership Training (SMELT 4.3)

The SMELT (Student Mentorship and Leadership Training) Summit, organized by IEEE, is a comprehensive program designed to enhance the personal and professional growth of students. It provides mentorship from experienced IEEE professionals and leaders, helping students develop leadership and technical skills. The summit includes interactive workshops, sessions on career development, and opportunities to engage with industry experts. Additionally, it fosters networking among peers and professionals, creating a platform for students to expand their knowledge, gain insights into emerging technologies, and prepare for future career challenges.

Name of the Student Club: SAIT (Students' Association Of Information Technology)

The Students' Association of Information Technology (SAIT) is the official club of the IT department at Walchand College of Engineering, Sangli. SAIT is focused on technical excellence, with a primary domain in DevOps and Cloud Computing. The association is known for organizing "Techfusion," a mega annual event that celebrates technology and innovation. In addition, SAIT conducts monthly activities like "CodeCraft" and the Club Service coding contests to keep students engaged in continuous learning and skill enhancement. To ensure students stay informed, SAIT also posts weekly technical information on Instagram, keeping the community updated with the latest trends and developments in IT.

Activity No.	Activity	Date/s	Budget in Rs.	Participants
1	Interaction with IT Department Alumni Major Arun Chaughule	July 1, 2023	300/-	Open for all.
2	SAIT Tech Talks 6.0: Unleashing the Power of AI/ML	August 4, 2023	500/-	Open for all.

3	Assistant Board Interviews and Declaration 2023-24	August 9-11, 2023	200/-	Second Year students.
4	CodeCraft	August 26, 2023	NA	Open for all.
5	General Interest Meet NOVASYNC 2023	September 2, 2023	500/-	First Year Students.
6	Member Boards Declaration	October 10, 2023	200/-	First Year Students.
7	Alumni Interaction Session	October 15, 2023	500/-	Open for all.
8	TECHFUSION 2.0	October 24-27, 2023	50,000/-	Open for all.

Name of the Student Club: SOFTA (Students' Organisation For Technical Activities)
List of major activities Conducted during year 2023-24

Activity Number	Activity	Date/s
1.	Induction Program 2023	7th and 17th August 2023
2.	GIM 2023	22nd August 2023
3.	JALLOSH 2023	10th September 2023
4.	Member Board Interviews and Declaration	11th and 17th December 2023
5.	Alumni Meet Preparation	24th December 2023 to 5th 2024
6.	Alumni meet: Batch 1999	6th January 2024
7.	Main Board Interviews and Declaration	25th January 2024
8.	Intra Club Activity	10th February 2024
9.	IMPULSE'24 Preparation Start	23rd February 2024
10	Publicity of IMPLSE'24 Start	4th March 2024
11.	IMPULSE'24	23rd and 24th March
12.	Commencement Day	29th May

Glimpse of Mega Event : Alumni Meet: Batch 1999

Conducted Alumni Meet Batch 1999, got very great opportunity to interact with our Alumni. The organizing committee of this event included WCE SOFTA Team, Somesh Sharma - President SOFTA, Amit Shinde– Vice President SOFTA, Dr. S. G. Tamhankar-Staff Advisor Dr. A. R. Surve – Asso. Dean, Student Activities WCE. SOFTA has undertaken this initiative under guidance of Prof. Sanjay Dhaigude – Chief Coordinator Alumni Meet. Also conducted one other college event Commencement day under guidance of COE Dr. Naik.

Name of the Student Club: WLUG (WALCHAND LINUX USERS' GROUP)
List of major activities conducted during year 2023-24

Activity Number	Activity	Date/s
1.	LinuxDiary 4.0	19th and 20th August 2023
2.	GIM (General Interest Meet)	5th September 2023
3.	Open Source Day	29th October 2023
4.	Metamorphosis	9th and 10th March 2024
5.	Spandan	14th April 2024
6.	Main Board Declaration	12th May 2024

Glimpse of Mega Event : LinuxDiary 4.0

"LinuxDiary 4.0" is national event of the Walchand Linux Users' Group conducted at
Walchand College of Engineering, Sangli on
19th and 20th of August, 2023. It was a two-
day workshop. This event includes 4 sessions
on Linux starting from scratch
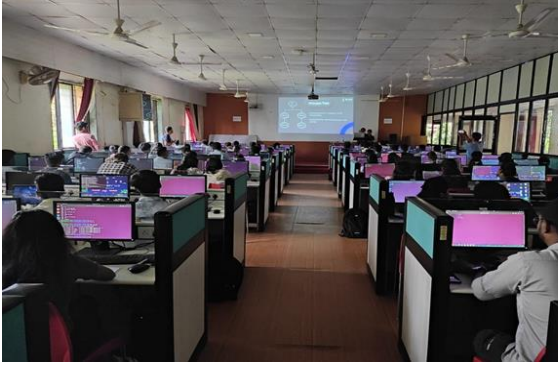
fundamentals of Linux to Networking in Linux.

To conclude each day of the "LinuxDiary 4.0" event and to put participants' newly acquired Linux knowledge to the test, an engaging and competitive activity named "War Games" was organized. This activity aimed to assess participants' ability to apply the Linux skills they had learned throughout the workshops in real-world scenarios.

This event was dedicated to promote Linux education and foster a thriving community of Linux enthusiasts, beginners, and professionals alike.

5. Result and Placement

5.1 Academic Toppers

Sr. No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year B. TECH. Civil Engineering	1	23110010	Bargale Chinmayi Rajendra	9.20
2		2	23110079	Samarth Sambhaji Gaikwad	9.02
3		3	23110005	Patil Gayatri Laxman	8.95
4		3	23110056	Patil Amruta Satappa	8.95
5	Second Year B. TECH. Civil Engineering	1	23120006	Jagtap Anagha Dipak	9.63
6		2	22110020	Valkunde Kshitij Ananda	9.51
7		3	23120010	Pise Payal Dnyanoba	9.41
8	Third Year B. TECH. Civil Engineering	1	21110007	Sutar Shoeb Shakil	8.84
9		2	22120006	Chavan Shruti Anil	8.81
10		3	21110001	Patil Sanika Rajesh	8.72
11	Final Year B. Tech. Civil Engineering	1	2020BTECV00016	Pande Aditya Vivek	9.54
12		2	21120004	Hadole Aditya Vilas	9.17
13		2	21120007	Godage Sharvari Rajaram	9.17
14		3	2020BTECV00057	Jadhav Kiran Ravindra	9.06
Sr. No.	**Class and Branch**	**Rank**	**PRN**	**Student Name**	**CGPA**
1	First Year B. TECH. Mechanical Engineering	1	23210001	Kadam Sanyukta Sachin	9.73
2		2	23210018	Pujari Veda Bidesh	9.36
3		2	23210047	Tavadare Mrunalini Ravindra	9.36
4		3	23210042	Shreya Ajay Sarda	9.34
5	Second Year B. TECH. Mechanical Engineering	1	22210009	Darne Parmarth Sanjay	9.18
6		2	22210029	Pujari Dhananjay Prabhakar	9.01
7		3	23220005	Patil Suhas Nitin	8.93
8	Third Year B. TECH. Mechanical Engineering	1	21210037	Jadhav Pratham Kishor	9.63
9		2	21210001	Jadhav Tejas Bajrang	9.61
10		3	22220002	Tiwari Sankalp Ramshyam	9.05
11	Final Year B. Tech. Mechanical Engineering	1	2020BTEME00055	Dhere Prathamesh Suresh	9.31
12		2	21220001	Mungelwar Om Chandrahas	9.21
13		3	2020BTEME00013	Mohite Gauri Dhananjay	9.20
Sr. No.	**Class and Branch**	**Rank**	**PRN**	**Student Name**	**CGPA**
1	First Year B. TECH. Electrical Engineering	1	23310008	Narvekar Bhumi Suhas	9.55
2		2	23310017	Shinde Samruddhi Anil	9.36
3		3	23310042	Pawar Akshay Pravin	9.30
4	Second Year B. TECH. Electrical Engineering	1	23320007	Vasekar Pavan Santosh	9.82
5		2	23320011	Kamble Rajiv Pramod	9.78
6		3	23320008	Gurav Roshan Kailas	9.68
7	Third Year B. TECH. Electrical Engineering	1	22320006	Mulla Shoaib Rashid	9.36
8		2	21310051	Gadkari Prathmesh Sudarshan	9.12
9		3	21310045	Jadhav Pranit Haushiram	8.97
10	Final Year B. Tech. Electrical Engineering	1	21320006	Mujawar Najrin Ramajan	9.36
11		2	21320005	Bushra Tajuddin Mulani	9.33
12		3	2020BTEEL00020	Jadhav Akhilesh Prakash	9.32

Sr. No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year B. TECH. Electronics Engineering	1	23410048	Patil Vaishnavi Bhagwan	9.82
2		2	23410080	Krishna Nandkumar Bhosale	9.66
3		3	23410052	Salunkhe Samruddhi Umesh	9.59
4	Second Year B. TECH. Electronics Engineering	1	22410073	Bashetti Suprit Satish	9.44
5		2	22410031	Gopal Nivrutti Dhage	9.39
6		3	22410083	Deshmukh Sania Ulhas	9.34
7	Third Year B. TECH. Electronics Engineering	1	21410039	Tambade Atharva Anil	9.31
8		2	21410037	Pashine Avishka Shailesh	9.30
9		2	21410064	Namey Jecee Jaeevan	9.30
10		3	21410046	Suryavanshi Shreetej Chandrakant	9.27
11	Final Year B. Tech. Electronics Engineering	1	2020BTEEN00008	Kulkarni Sanmay Girish	9.62
12		2	2020BTEEN00059	Dhaigude Ranjit Abaji	9.39
13		3	2020BTEEN00009	Kulkarni Akshata Gopal	9.31
13		3	2020BTEEN00016	Pujari Soham Sachin	9.31

Sr. No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year B. TECH. CSE	1	23510076	Rai Arth Satish	9.70
2		2	23510032	Hajare Namrata Shrikant	9.66
3		3	23510120	Ganapule Rugved Ashish	9.61
4	Second Year B. TECH. CSE	1	23520001	Suryawanshi Aishwarya Mahesh	9.86
5		2	23520006	Katkar Vivek Shivaji	9.77
6		3	22510029	Kumbhar Anjali Krushnat	9.70
7	Third Year B. TECH. CSE	1	21510046	Rajopadhye Saurabh Vijay	9.61
8		2	21510026	Shirgupe Jay Nitin	9.56
9		3	21210070	Salunkhe Omkar Shivaji	9.55
10	Final Year B. Tech. CSE	1	2020BTECS00005	Jadhav Sanket Shivaji	9.51
11		2	2020BTECS00038	Kekade Divya Milind	9.44
12		3	2020BTECS00042	Thakur Sahil Pravin	9.44
12		4	2020BTECS00054	Pimpale Mahesh Rangrao	9.34

Sr. No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year B. TECH. IT	1	23610067	Aditi Mittal	9.84
2		2	23610033	Utkarsha Vinod Jadhav	9.80
3		3	23610016	Parkhe Payal Haribhau	9.57
4		4	23610072	Badave Sai Mandar	9.57
5	Second Year B. TECH. IT	1	22610027	Patil Yash Kiran	9.63
6		2	22610022	Mungde Manmath Devidas	9.44
7		3	22610026	Pawar Elizabeth Suresh	9.38
8	Third Year B. TECH. IT	1	21610043	Nalawade Vishwas Ramesh	9.46
9		2	21610076	Ladda Vaishnavi Laxmikant	9.38
10		3	21610031	Patil Shriya Nandkumar	9.24
11	Final Year B. Tech. IT	1	2020BTEIT00038	Khairnar Mohit Prakash	9.46
12		2	21620008	Bagade Umesh Kailas	9.31
13		3	2020BTEIT00012	Zade Ankita Avinash	9.19

Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA

1	First Year M.Tech. Environmental Engineering	1	23152004	Pooja Rani	8.26
2		2	23152009	Shelar Saloni Sunil	7.33
3		3	23152002	Savekar Neha Dayanand	7.14
Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year M.Tech. Structural Engineering	1	23151022	Deshpande Kaustubh Dhananjay	9.21
2		2	23151015	Khandagale Rutuja Sanjeevkumar	8.90
3		3	23151026	Magdum Rajveer Sandeep	8.45
Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year M.Tech. Design Engineering	1	23251002	Kale Atharv Bhalchandra	9.05
2		2	23251006	Inamdar Shireen Kedar	8.55
3		3	23251005	Swapnil Shrikant Jadhav	8.52
Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year M.Tech. Production Engineering	1	23253002	Kushte Pawan Rajendra	8.57
2		2	23253001	Patil Harshwardhan Abhijit	8.12
Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year M.Tech. Control Systems Engineering	1	23352001	Jadhav Pallavi Ajit	7.71
2		2	23352006	Alase Sourabh Vidyasagar	6.95
3		3	23352004	Kamble Atul Shankar	6.71
4		3	23352005	Siddhi Gopal Nage	6.71
Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year M.Tech. Power Systems Engineering	1	23351001	Shivasharan Kiran Ravindra	8.48
2		2	23351002	Mohite Yash Raju	7.36
3		3	23351005	Petkar Vaishnavi Kiran	7.31
Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year M.Tech. Electronics Engineering	1	23451003	Mulla Yasmin Ismail	8.26
2		2	23451001	Vadgave Amruta Ajitkumar	7.31
3		3	23451002	Bhosale Aditya Suryakant	7.12
Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year M.Tech. Computer Science and Engineering	1	23551009	Sawant Bhavesh Sandesh	8.19
2		2	23551008	Srushti Mukund Kulkarni	8.07
3		3	23551013	Chandoba Harshal Rajgonda	7.64
Sr.No.	Class and Branch	Rank	PRN	Student Name	CGPA
1	First Year M.Tech. Computer Science and IT	1	23651001	Shrinivas Vishnu Kumbhar	6.74
2		2	23651002	Sapna Kabir Shinge	6.29

5.2 Result Analysis of AY 2023-24

Class	Branch	PASS	FAIL ATKT	FAIL	Total	PASSING %
First Year B.Tech.	Civil Engineering	45	24	8	77	89.61%
	Mechanical Engineering	54	13	3	70	95.71%
	Electrical Engineering	50	13	4	67	94.03%
	Electronics Engineering	60	6	2	68	97.06%
	Computer Science and Engineering	93	19	6	118	94.92%
	Information Technology	55	12	1	68	98.53%
Second Year B.Tech.	Civil Engineering	51	16	7	74	90.54%
	Mechanical Engineering	49	21	7	77	90.91%
	Electrical Engineering	51	25	9	85	89.41%
	Electronics Engineering	66	10	1	77	98.70%
	Computer Science and Engineering	106	12	3	121	97.52%
	Information Technology	71	5	3	79	96.20%
Third Year B. Tech.	Civil Engineering	67	7	0	74	100.00%
	Mechanical Engineering	67	4	1	72	98.61%
	Electrical Engineering	59	11	3	73	95.89%
	Electronics Engineering	72	5	3	80	96.25%
	Computer Science and Engineering	107	11	3	121	97.52%
	Information Technology	69	5	2	76	97.37%
Final Year B. Tech.	Civil Engineering	85	0	0	85	100.00%
	Mechanical Engineering	73	0	2	75	97.33%
	Electrical Engineering	68	0	8	76	89.47%
	Electronics Engineering	70	0	4	74	94.59%
	Computer Science and Engineering	112	0	2	114	98.25%
	Information Technology	75	0	3	78	96.15%
First Year M.Tech.	Civil Environmental Engineering	7	2	0	9	100.00%
	Civil Structural Engineering	26	6	0	32	100.00%
	Mechanical Design Engineering	7	1	0	8	100.00%
	Mechanical Production Engineering	2	0	0	2	100.00%
	Electrical Engineering Control Systems	4	0	0	4	100.00%
	Electrical Engineering Power Systems	4	2	0	6	100.00%
	Electronics Engineering	3	0	0	3	100.00%
	Computer Science and Engineering	9	2	0	11	100.00%
	Computer Science and IT	2	0	0	2	100.00%
	Grand Total	1739	232	85	2056	95.87%

5.3 Placement Details of AY 2023-24

Sr. No.	Company	Salary in LPA	No of Offers
1	ServiceNow	43	1
2	Amazon India	38	2
3	Morgan Stanley	26	2
4	Gupshup Technology	25.00	1
5	Deutsche Bank	20.57	15
6	Cadence Design System	19	1
7	NVIDIA Graphics Pvt Ltd	18	2
8	Applied Materials	17.5	1
9	Druva Software Inc.	17.47	4
10	Veritas Technologies	15.78	3
11	DataInsights	15	0
12	Espressif Systems	14.8	3
13	BMC Software	14	2
14	eQ Technologic	13.88	3
15	Futures First	13.88	1
16	PubMatic India pvt. ltd	13.75	3
17	Sahaj Softwares Solutions	13.5	1
18	Snowflake Inc.	13	1
19	IDeaSSaS (SW)	12.5	7
20	Easa Saleh Al Gurg Group (UAE)	12.25	8
21	AspectRatio Pvt. Ltd.	12	4
22	Schneider Electric	12	15
23	Work Day	12	0
24	BIZOM (Mobisy Technology)	12	2
25	NCR Voyix & Alteos	12	6
26	SEMTECH	12	1
27	Forescout Technologies	11.07	5
28	SIEMENS DISW	11	23
29	Signify / Cooper Lighting Solutions	11	15
30	Salesforce Inc.	11	0
31	Tejas Networks	10	1
32	IDeaSSaS (Core)	10	3
33	Onlinesales.ai	10	1
34	Seagate Technologies	10	8
35	Sincro Digital	10	3
36	SEDEMAC Mechatronics	10	2
37	ST Telemedia	10	2
38	Zensar Technologies	10	1
39	Oracle FSS	9.23	8

40	TCS (Prime)	9	1
41	Tech Prescient	9	3
42	Whirlpool India	9	11
43	TCS (Research & Innovation)	9	2
44	HSBC India	9	1
45	Hindustan Unilever Limited	8.2	0
46	Techverito Software Solutions Llp	8	4
47	MortgageKart	8	4
48	Atlas Primary	8	8
49	NICE Systems Ltd.	8	10
50	Principal Global Supply	8	1
51	Eaton Innovation	7.9	1
52	Dassault Systems	7.5	3
53	TCS (Digital)	7	8
54	Sensata Technologies	7	7
55	Emerson Design	7	16
56	DeltaX	7	0
57	ATLAS COPCO GECIA	6.75	16
58	Larsen & Toubro Pvt. Ltd	6.7	2
59	Adani Group of Companies	6.5	2
60	Forvia Hella	6.5	6
61	Renishaw Apply Innovation	6.5	3
62	Technip Energies	6.5	2
63	Total Environment	6.5	3
64	Galaxy Surfactants	6.5	1
65	JLL India	6.5	4
66	Shalimar Paints	6.3	3
67	OneSubSea (Schlumberger)	6	19
68	Xperate	6	6
69	Renew Power	5.75	3
70	Toyo Engineering	5.64	1
71	Burns & McDonnel	5.6	2
72	Worley Parson	5.5	7
73	Thyssenkrupp	5.5	10
74	Forvia Faurecia	5.5	3
75	SIEMENS Energy	5.5	3
76	Shapoorji Pallonji Group	5.5	7
77	SIEMENS Innomotics	5.5	3
78	Tecnimont Private Limited	5.5	4
79	FOX India	5.47	5
80	Jacobs Solutions India Pvt Ltd.	5	5
81	Persistent Systems	4.71	2
82	Accenture	4.5	6

83	Kalpataru	4.5	15
84	Torrent Power	4.25	2
85	Tata Consulting Engineers Limited	4.5	6
86	S & N Joshi Consultant	4.5	8
87	Prism RMC!	4.0	3
88	Walchandnagar Industries	4.0	3
89	TCS (Ninja)	3.36	17

Sr. No.	Branch	Enrolled	Placed	Placement %
1	COMPUTER SCIENCE	107	85	80.4
2	IT	69	57	82.6
3	ELECTRONICS	69	56	85.5
4	ELECTRICAL	66	58	88.00
5	MECHANICAL	71	65	91.5
6	CIVIL	57	39	68.5
	Total	*439*	*363*	*82.7*

Placement Summary B.Tech	
Total No. of offers	422
Total No. of Students Selected - B. Tech	363
Total No. of Dream Offers	59
Maximum Salary of B. Tech (LPA)	43.00 LPA
Average Salary of B. Tech (LPA)	9.21 LPA
Median Salary of B. Tech (LPA)	8.0 LPA
Lowest Salary of B. Tech (LPA)	3.36 LPA

DREAM RECRUITERS

CORE RECRUITERS

IT RECRUITERS

Institute at Glance

Alumni Meet 2024: Reunion-1999 held on 6th January 2024

MoU signed with CIBA Mumbai on 10th January 2024

Final Year B. Tech CSE Team D5R24 secured Rank 50 in the International Collegiate Programming Contest (ICPC) Chennai Region on 12th January 2024

Team Aaryans, an official off road racing team of participated in National Level Competition - Speed BPCL presents BAJA SAEINDIA 2024 at NATRAX, Pithampur, Indore. During 10th to 13th January 2024

NBA Committee visited the college from 19th to 21st January 2024

Maha 60 – District Outreach Program jointly organized by DIC Office Sangli and WCE-IIE Cell on 23rd January 2024

The inauguration of the Loading Frame with Pseudo-dynamic at the Department of Applied Mechanics on 21st January 2024.

Evaluation of RGSTC-MSME projects was carried out by Dr. Anil Kakodkar and team on 21st January, 2024.

नव्या भारताचा पाया तंत्रज्ञान आखणार

डॉ. उदय निरगुडकर : 'वालचंद'मध्ये भारत @ २०४७ उपक्रम

सांगली, ता. ९ : भारत तंत्रज्ञानाचे सर्व केंद्र बनत आहे. युवा पिढीने तंत्रज्ञान शिकावे, त्यामध्ये बुद्धिकौशल्याची जोड देऊन २०४७ च्या भारत निर्मितीसाठी पुढे यावे, असे आवाहन नवरत्न प्रकल्पाचे स्वतंत्र संचालक डॉ. उदय निरगुडकर यांनी केले. वालचंद अभियांत्रिकी महाविद्यालयात 'भारत@ २०४७' हा कार्यक्रम झाला. टिळक सभागृहात झालेल्या कार्यक्रमाचे आयोजक सहयोगी अधिष्ठाता डॉ. अनिल सुर्वे यांनी केले. प्रभारी संचालक प्रा. डॉ. उदय दबडे यांनी डॉ. निरगुडकर यांचा सत्कार केला. श्रीनिवास गायकवाड, डॉ. सुनील ताम्हनकर, डॉ. प्रशांत खरात यांची उपस्थिती होती.

'अभियांत्रिकी, माहिती तंत्रज्ञान आणि कृत्रिम बुद्धिमता यांतून सकारात्मकतेच्या भारताला कसे अधिक उत्तम स्थान आणि प्रगत राष्ट्र बनवू शकतात, याबाबत डॉ. निरगुडकर यांनी मार्गदर्शन केले. महाविद्यालयातील 'पेस क्लब'ने कार्यक्रमाचे व्यवस्थापन केले. नियामक मंडळाचे चेअरमन अजित फुगावेकर, सदस्य अमोल बालगुण, प्रा. उदय दबडे यांचे मार्गदर्शन मिळाले.

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Dr. Uday Nirgudkar, renowned TV news editor and Independent Director, National Hydroelectric Power Corporation, delivered expert session on "**भारत@२०४७**" at WCE Sangli on 6th Feb. 2024.


Mr. Prataprao Pawar, Chairman, Sakal Media Group, delivered expert session on 'Bol Anubhavache'. and interacted with the students at IIE Cell on 14th Feb. 2024

Annual Social Gathering, Indradhanu-2024 was organized during 16 -18 Feb. Dr. Salil Kulkarni & Mr. Shrinivas Patil were chief guests for Inauguration and Valedictory functions respectively

A lecture by Dr. Madhura Killedar on the topic " Health and Hygiene for Women", "Self Defense session" by Mahila Police Trainer Pooja Bankar- Gore, Cultural program by students organized on the occasion of woman's day by the ICC committee.
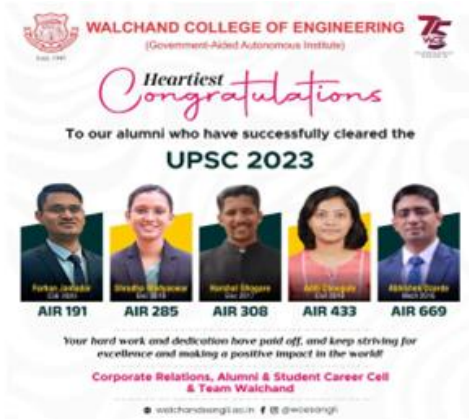
WCE Alumni succeed in UPSC/MPSC 2023

An Empowered Autonomy granted to WCE by SUK, in the presence of Hon. VC D T Shirke, Pro. VC. P S Patil, Chairman of academic advisory Sachin Menonji and Registrar V N Shinde

Commencement day ceremony on 29th May 2024 at WCE Sangli in presence of Hon. Chairman Ajit Gulabchand, Hon. Sanjay Kaka Patil (chief guest, MP and AC Member). Felicitation of graduating B. Tech., M. Tech., GATE, CAT, GRE etc. qualified students.

Vision 2024: National level technical symposium held on 23-24 March 2024

Save Rivers ! In the picture: Waterman of India Dr. Rajendrasnh Rana, CEO of ZP Sangli Mrs. Trupti Dhodmise, Dep. CEO Mrs. Sagar Saymote, Executive Eng. Mrs. Devkar(Sangli Irrigation), Director of Walchand College of Engineering Dr. Dabade Sir, Dr. Ravindra Vora, Head Sangli Jalbiradari Prakalp, Dr. Manish Pandey and others...

"Gramsevak va Nadimitra karyashala" organized in the presence of Ms. Trupti Dodmise CEO, Zp Sangli, Kiran Saymote, Dep. CEO, ZP sangli, Narendra Choogh, Dr. Ravindra Hora, on 2nd April 2024

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