



# Walchand College of Engineering

Vishrambag, Sangli - 416 415  
(Govt. Aided Autonomous Institute)

## Our Strengths

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

## WCE Founders



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## About WCE, Sangli....

Walchand College of Engineering, Sangli is one of the oldest and renowned technical institutes in Maharashtra. This college was started as a “New Engineering College” in the year 1947 by late Shri. Dhondumama Sathe. The College was renamed as “Walchand College of Engineering” in 1955, after a substantial financial support extended by Seth Walchand Hirachand Memorial Trust. The management and Control of the college was transferred to Administrative Council with all movable and immovable properties since 1956.



The college now imparts education for AICTE recognized / approved diploma, degree, post graduate and Ph.D. courses in engineering. The Autonomous Status has been awarded to the college by the Government of Maharashtra and UGC in the year 2007. UGC extended this Autonomy for second term in 2014 till 2020. We participated in the World Bank funded Government of India scheme, "TEQIP" (Technical Education Quality Improvement Program) Phase I project and we received second rank all over India, out of 127 national institutes, in its program impact assessment survey in 2010. WCE is successfully continued its journey in TEQIP phase II in upgrading the Post graduate and Research infrastructure. WCE has received Rs. 15.00 Crore. Now the Institute is selected for TEQIP Phase –III from April 2017-March 2020. In TEQIP-III Walchand College of Engineering, Sangli will Mentor Jabalpur College of Engineering, Jabalpur to upgrade their status. Out of 18 Engineering Colleges from Maharashtra who were involved in TEQIP-II only 8 are now selected for TEQIP-III.

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

### Brief History

**1947** – Established on **23<sup>rd</sup> June 1947** by Late Shri **Dhondumama Sathe** as: **New Engineering College, Sangli** One of the oldest engineering Colleges in the State of Maharashtra (90 Acres Land)

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

**1971** – **First** in Shivaji University Kolhapur (SUK) area to start **PG programs** and **Only Research Center** in engineering till 2004.

**1977** -- Started receiving 90% **Grant in Aid from Government of Maharashtra**

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

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

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

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

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

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

## ***Chairman's Profile...***

Shri. **Ajit Gulabchand** (born 1948) is an Indian industrialist and director of Hindustan Construction Company. He serves as chairman of the board of governance at National Institute of Construction Management & Research (NICMAR) and as chairman of Walchand College of Engineering, Sangli. He serves as director of Hindustan Finvest, HCC Infotech, Hincon Technoconsult, Hincon Realty, Hincon Holdings, Ucchar Investments, Western Securities, LAVASA Corporation, Motorsports



**Shri. Ajit Gulabchand**  
**Chairman, Administrative Council**

Association of India, Constructmall.com, Champali Garden, Shalaka Investment, Gulabchand Foundation and as an independent, non-executive director of Bajaj Electricals. He is a founding member of the World Economic Forum's

## ***Director's Message...***



**Dr. U. A. Dabade**  
**I/c Director & Deputy Director, WCE**

It gives me immense pleasure to publish Third issue of quarterly newsletter of Walchand College of Engineering (WCE) which 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. During this quarter, 2 patents have been granted, with 7 additional patents filed. Moreover, a total of 10 research papers have been published in both international and national journals, along with 12 publications made at international and national conferences. The total Income from Research Grants (IRG) generated is approximately Rs. 50 lakh.

Academic excellence ceremony was celebrated on 15<sup>th</sup> September where bright students were felicitated. This quarter was also abuzz with the numerous student activities coordinated and conducted by student clubs. All student clubs constituted new boards and conducted General Interest Meets (GIM).

One Week Faculty Development Program (FDP) on "Electromagnetics: Principles and Applications" from 9 to 13 October 2023 at the Indian Institute of Technology, Bombay (IITB) under DTE-IITB MOU was organized by Walchand College of Engineering Sangli. The 7<sup>th</sup> Research Symposium on Computing RSC2023 was organized by CSE and IT dept. on 7 November 2023. The institute has successfully completed NAAC accreditation with A grade (3.17) under the guidance and leadership of Hon. Chairman Ajit Gulabchand. The Global Alumni Meet was successfully arranged at NICMAR Pune on 2 Dec 2023, more than 800 alumni, WCE faculty and staff were present for the event.

The National level conferences were successfully arranged in the institute. The Department of Electronics Engineering, Information Technology and Computer Science Engineering jointly organized the National Conference on Communication, Image Processing and Computing (NCIPC 2023) on 15 Dec. 2023. Furthermore, National Conference was organized on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023) on 21-22, Dec. 2023 and National Conference on Emerging Trends in Civil Engineering (ETCE 2023) was organized on 28- 29, Dec. 2023.



## **Administrative Council**

Sr.No.	Name of the Member	Position
1	Shri. Ajit Gulabchand	Chairman
2	Shri Sanjaykaka Patil	Member
3	Awaited	Member
4	Dr. V. N. Gupchup	Member
5	Shri. Amol Chavan	Member
6	Shri. C. N. Gandhi	Member
7	Dr. Ajeet Singh	Member
8	Dr. Manoj Kumar Tiwari	Member
9	Prof. Aravind Balan	Member
10	Dr. V. M. Mohitkar	Member
11	Dr. D. V. Jadhav	Member
12	Awaited	Member
13	Prof. U. A. Dabade	I/C Director & Secretary
14	Prof. U. A. Dabade	Dy. Director & Invitee
15	Prof. S. N. Tande	Invitee

## **College Development Committee**

(1st June 2023 to 31st May 2028)

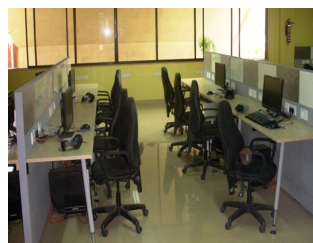
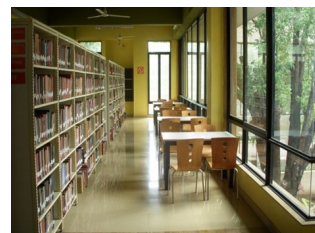
Sr.No.	Name of the Member	Position
1	Shri. Shriniwas Patil	Chairman
2	Shri. Amol Chavan	Member
3	Shri. Suresh A. Patil	Member
4	Shri. C. S. Kotibhaskar	Member
5	Dr. Smt. S. S. Kulkarni	Member
6	Shri. Mukul Parikh	Member
7	Dr. Ravindra R. Rathod	Member
8	Dr. Ajeet P. Patil	Member
9	Smt. Renuka S. Janagond	Member
10	Shri. Sanjaykumar Kulkarni	Member
11	Dr. Anant K. Kokane	Member
12	Dr. Dagadu S. More	Member
13	Miss. Snehal S. Patil	Member
14	Shri. Datta N. Gangji	Member
15	Prof. Dr. U. A. Dabade	Member Secretary

## **Key Functionaries**

Name of the Faculty	Position
Dr. U. A. Dabade	I/c Director
Dr. U. A. Dabade	Deputy Director
Dr. A. V. Kamble	Vice-Principal, Polytechnic Wing
Dr. S. B. Kadam	Registrar
Dr. S. G. Tamhankar	Finance Coordinator
Dr. Mrs. S. P. Sonavane	Dean Academics
Dr. Mrs. A. A. Agashe	Dean Research & Development
Prof. S. B. Dhygude	Dean, Corporate Relations , Alumni & Student Careers
Dr. B. F. Momin	Dean, Innovation, Incubation and Entrepreneurship
Dr. S. N. Tande	Dean, Building Works Committee
Dr. B. N. Jamadar	Chief Rector
Dr. P. K. Kharat	Controller of Examination
Dr. A. K. Kokane	Associate Dean, Quality Assurance
Dr. A. R. Surve	Associate Dean, Student Activities and Development
Dr. M. M. Khot	Associate Dean, Student Welfare

Name of the Faculty	Position
Dr. G. R. Munavalli	HoD, Civil Engg.
Dr. S. U. Sapkal	HoD, Mechanical Engg..
Dr. D. S. More	HoD, Electrical Engg.
Dr. S. D. Ruikar	HoD, Electronics Engg.
Dr. M. A. Shah	HoD, CSE
Dr. R. R. Rathod	HoD, IT
Dr. S. N. Tande	HoD, Applied Mechanics
Prof. K. V. Madhale	F.Y. Coordinator
Shri. S. B. Agawane	I/c Librarian
Prof. P. A. Mane	Convenor, Purchase
Dr. A. P. Patil	I/c Gymkhana

## **Institute Common Facilities**





## Academic Programs Offered...

Sr. No.	Programs	Starting Year	Intake
<b>Diploma</b>			
1	Civil Engineering	1955	40
2	Electrical Engineering	1955	60
3	Mechanical Engineering	1955	60
4	Industrial Electronics	1970	40
<b>Under-graduate</b>			
1	Civil Engineering	1947	60
2	Mechanical Engineering	1955	60
3	Electrical Engineering	1955	60
4	Electronics Engineering	1986	60
5	Computer Science Engineering	1986 2000	60 90
6	Information Technology	2001	60
<b>Post-Graduate</b>			
1	Civil-Environment Engineering	1971	18
2	Civil-Structural Engineering	1971	30
3	Mechanical-Production Engineering	1995	30
4	Mechanical -Design Engineering	1971	30
5	Mechanical -Heat Power Engineering	1971	18
6	Electrical-Control Systems	1971	18
7	Electrical-Power Systems	1971	18
8	Electronics Engineering	1987	30
9	CSE-Computer Science Engineering	1998	30
10	CSE-Information Technology	2012	18

### PhD Program:

- Recognized Research Center of Shivaji University, Kolhapur (SUK) in all the disciplines of Engineering since 1971.
- Also Recognized QIP **minor research** center of central government with two Ph.D. seats for each branch (except IT) from 2012 (Total 10).

## Department Summary (October–December 2023)

Activities	Civil	Mech	ELE	ELN	CSE	IT	APM	HS	Total
No. of International Journal Publications	01	—	03	01	—	01	02	—	08
No. of National Journal Publications	—	01	—	—	—	—	—	01	02
No. of International Conference Publications	—	—	01	—	—	—	01	—	02
No. of National Conference Publications	10	—	—	—	—	—	—	—	10
No. of Patents Filed/granted	01	02	01	—	02	03	—	—	09
Consultancy & Testing Amount in Rs. Lacs	20	0.43	2.54	—	—	—	27	—	49.97







Vishwakarma Day celebrated at Cause to Connect Foundation on 18<sup>th</sup> September 2023



Inauguration of FDP on “Electromagnetics: Principles and Applications” at IIT Mumbai on 9<sup>th</sup> October 2023 in coordination with WCE, IITB and DTE



### बालचंद अभियांत्रिकी महाविद्यालयामध्ये रक्तदान शिबीर

। ललकार वृत्त ।

सांगली दि. १ (प्रतिनिधी) - बालचंद अभियांत्रिकी महाविद्यालयामध्ये मंगळवार दि. ३१ ऑक्टोबर रोजी रोटरेक्ट क्लब ऑफ डब्लू. सी. ई. आणि एच. डी. एक. सी. बँक यांच्या संयुक्त विद्यमाने 'रक्तदान शिबीर आयोजित करण्यात आले होते. या शिबिराचे आयोजन रोटरेक्ट क्लबचे कम्युनिटी सर्विस डायरेक्टर श्रेणिक जाधव, अध्यक्ष यशराज पाटील, उपाध्यक्ष अक्षता मिश्रा सचिव संकल्प कांबळे, सहकारी कम्युनिटी सर्विस डायरेक्टर प्रणव कदम आणि खजिनदार पारस वाने यांनी केले होते. शिबिराच्या उद्घाटनाला डॉ. रविंद्र ताटे (आरोग्य अधिकारी, सांगली - मिरज कुपवाड शहर महानगरपालिका) यांची प्रमुख उपस्थिती होती. डॉ. रविंद्र ताटे यांनी बालचंद मधील विद्यार्थ्यांना संबोधित केले. रक्तदान शिबिरासारखे विविध सामाजिक तसेच तांत्रिक उपक्रम राबविण्यासाठी बालचंद मधील विद्यार्थ्यांना प्रोत्साहित केले. रक्तदान करत असलेल्या विद्यार्थ्यांशी त्यांनी संवाद साधला. वैद्यकीय तसेच अभियांत्रिकी उपक्रमांसाठी त्यांनी विद्यार्थ्यांना मार्गदर्शन केले. डॉ. रविंद्र ताटे यांच्या समवेत एच डी एफ सी बँक चे बांच मॅनेजर (शाखा व्यवस्थापक) विजय प्रकाश पाटील, बालचंद महाविद्या लयाचे अकाउंट ऑफिसर धोंडिराम संकपाळ उपस्थित होते. शिबिरासाठी विश्रामबाग पोलिसांकडून ही भरगोस प्रतिसाद मिळाला ,पोलिस प्रशिक्षक संजय मोरे (विश्रामबाग पोलिस) आणि त्यांचे सहकारीही उपस्थित होते. बालचंद कॉलेजचे शिक्षक,कर्मचारी, विद्यार्थी तसेच इतर असे २५० जणांनी रक्तदान केले.

India Mobile Congress (IMC) 2023 Summit held at Delhi on 29<sup>th</sup> October 2023. Dr. N. L. Gavankar participated with 2 students Aditya Pachore and Aditya Khot





Shri Shripad Kolhatkar, Co-founder Director, Genericart Medicine Startup delivered expert talk on “How to Build Successful Startup?” to all students of WCE on 25<sup>th</sup> October 2023.



Er. Chakor Gandhi, Member, Administrative Council, WCE Sangli delivered expert talk on “Why Entrepreneurship?” to all students of WCE on 4<sup>th</sup> November 2023. The program organized by IIE Cell

Walchand College of Engineering, Sangli  
(Government Aided Autonomous Institute)

Students' Association of Information Technology  
in association with  
Absolute Fitness Centre, Sangli  
Presents

**Chandranamskar  
2023**

Under Indian Knowledge Sharing

Date-28 October 2023  
Time 6:30AM  
Venue- WCE  
Basketball Court

**YOGA**

**MASS MOON  
SALUTATION**

Dr. U.A. Dabade I/C Director	Dr. R.R. Rathod HOD,IT	Prof. M. B. Narnaware Staff Advisor	Prof. M.G. Rath Staff Advisor	Dr. S.P. Sonavane Coordinator	Mrs. Archana Kulkarni Absolute Fitness Centre Founder
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Yoga -Chandra Namskar celebrated on 28th October 2023



CSE and IT Department Successfully organized “7th Research Symposium on Computing 2023” in association with IPR Cell Shivaji University, Kolhapur and WCE ACM Student Chapter on 7<sup>th</sup> November 2023.

Inter Zonal:



Third place in Inter-zonal Tournament of Table-Tennis at Shri Vivekanand College Kolhapur by Miss. Vaishnavi Laxmikant Ladda TY(IT) on 9<sup>th</sup> Nov. 2023





The NAAC peer team visited the Institute on Thursday 30<sup>th</sup> November 2023.



Organization of National Conference on “Emerging Trends in Civil Engineering” (ETCE-23) on 28-29 Dec 2023



Dept. of Electronics, Dept of Computer Science and Engg., and Dept. of Information Technology have organized a national level conference on “Communication, Image Processing and Computing (NCIPC-2023) on 15<sup>th</sup> – 16<sup>th</sup> December 2023.



Dept. of Electrical and Dept of Mechanical Engg., have organized a national level conference on Recent Trends in Mechanical and Electrical Engineering (NCRTEMEE)-2023 on 21<sup>st</sup> – 22<sup>nd</sup> December 2023.







## Renovation



Repairs of Entrance Door in December 2023



Renovation of Waiting area for Director Office in December 2023

## Admission AY 2023-24

F.Y. B.Tech 2023-24 Admission										
	CAP	Trust	TFWS	EWS	NEUT	JKSSS	J & K	NRI	CIWGC	Total
CIVIL	59	1	3	2	3	4	0	0	0	72
CSE	86	4	4	8	1	4	1	4	2	114
IT	59	1	0	2	0	2	1	0	0	65
ELECTRICAL	60	0	0	2	2	2	1	0	0	67
ELECTRONICS	60	0	0	5	1	1	1	0	0	68
MECHANICAL	59	1	2	5	1	1	0	0	0	69
	383	7	9	24	8	14	4	4	2	455

Direct Second Year 2023-24 Admission				
	CAP Seats	EWS	JKSSS	Total
CIVIL	9	2	1	12
CSE	10	3	0	13
IT	7	3	0	10
ELECTRICAL	8	2	1	11
ELECTRONICS	7	4	0	11
MECH	8	3	0	11
	49	17	2	68

F.Y. M. Tech 2023-24 Admission			
	CAP Seats	EWS	Total
Civil - Structural Engg	30	3	33
Civil - Envr Engg	9	0	9
CSE	11	0	11
ELE - Power System Engg	8	0	8
ELE - Control System Engg	4	0	4
ELN Engg	2	1	3
Mech - Heat Power Engg	0	0	0
Mech - Production Engg	2	0	2
Mech - Design Engg	10	0	10
CS & IT	2	0	2
	78	4	82

## Result Analysis AY 2022-2023

Class	Branch	PASS	FAIL ATKT	FAIL	Total	PASSING %
First Year B.Tech.	Civil Engineering	42	17	11	70	84.29%
First Year B.Tech.	Mechanical Engineering	42	20	5	67	92.54%
First Year B.Tech.	Electrical Engineering	51	14	2	67	97.01%
First Year B.Tech.	Electronics Engineering	58	7	2	67	97.01%
First Year B.Tech.	Computer Science and Engineering	92	11	8	111	92.79%
First Year B.Tech.	Information Technology	65	1	3	69	95.65%
Second Year B.Tech.	Civil Engineering	64	10	4	78	94.87%
Second Year B.Tech.	Mechanical Engineering	54	18	7	79	91.14%
Second Year B.Tech.	Electrical Engineering	59	9	17	85	80.00%
Second Year B.Tech.	Electronics Engineering	73	2	3	78	96.15%
Second Year B.Tech.	Computer Science and Engineering	108	12	5	125	96.00%
Second Year B.Tech.	Information Technology	61	13	3	77	96.10%
Third Year B. Tech.	Civil Engineering	74	9	1	84	98.81%
Third Year B. Tech.	Mechanical Engineering	73	1	0	74	100.00%
Third Year B. Tech.	Electrical Engineering	59	12	5	76	93.42%
Third Year B. Tech.	Electronics Engineering	69	3	4	76	94.74%
Third Year B. Tech.	Computer Science and Engineering	109	5	2	116	98.28%
Third Year B. Tech.	Information Technology	73	1	3	77	96.10%
Final Year B. Tech.	Civil Engineering	80	0	4	84	95.24%
Final Year B. Tech.	Mechanical Engineering	82	0	1	83	98.80%
Final Year B. Tech.	Electrical Engineering	75	0	8	83	90.36%
Final Year B. Tech.	Electronics Engineering	81	0	0	81	100.00%
Final Year B. Tech.	Computer Science and Engineering	124	0	3	127	97.64%
Final Year B. Tech.	Information Technology	75	0	5	80	93.75%
First Year M.Tech.	Civil Environmental Engineering	5	3	3	11	72.73%
First Year M.Tech.	Civil Structural Engineering	29	3		32	100.00%
First Year M.Tech.	Mechanical Design Engineering	5			5	100.00%
First Year M.Tech.	Mechanical Heat Power Engineering	2			2	100.00%
First Year M.Tech.	Electrical Engineering Control Systems	1			1	100.00%
First Year M.Tech.	Electrical Engineering Power Systems	1			1	100.00%
First Year M.Tech.	Electronics Engineering	2			2	100.00%
First Year M.Tech.	Computer Science and Engineering	2	2		4	100.00%
Second Year M.Tech.	Civil Environmental Engineering	5		9	14	35.71%
Second Year M.Tech.	Civil Structural Engineering	27		3	30	90.00%
Second Year M.Tech.	Mechanical Design Engineering	14			14	100.00%
Second Year M.Tech.	Mechanical Production Engineering	1			1	100.00%
Second Year M.Tech.	Electrical Engineering Power Systems	4			4	100.00%
Second Year M.Tech.	Electronics Engineering	6			6	100.00%
Second Year M.Tech.	Computer Science and Engineering	4		1	5	80.00%
	Grand Total	1851	173	122	2146	94.32

## Civil Engineering Department

The Department of Civil Engineering was the first inchoative discipline at Walchand College of Engineering, Sangli and the oldest in Southern Maharashtra region. Starting its journey in 1947, the department has contributed in producing several eminent engineers who are in key positions of the Government organizations, public sector and infrastructure companies and have brought in significant contributions in the planning and execution of Civil Engineering projects in various regions of India. The Department offers a four-year programme leading to the Bachelor’s Degree in Civil Engineering (B. Tech.) and a two-year programme leading to Master’s degree (M. Tech.) in Civil engineering with specialization in Structural Engineering and Environmental Engineering.

The Department is known for its reputed faculty having expertise in diverse fields. The faculty of the department continues to strive loftier by exploring new frontiers of civil engineering, imparting the latest technical knowledge to the students and conducting high quality of research. The faculty has contributed more than hundred research papers in various Journals and Conferences. The faculty also renders technical advice on live engineering problems in the field of Geotechnical, Structural, Environmental, Hydraulics, Transportation and Water Resources Engineering etc., to various Government and Private Sector companies throughout the state. It has built up a wide research potential in structural and Environmental Engineering. The department also has other well equipped engineering laboratories in the field of concrete and material testing, structural dynamics, structural health monitoring, Geotechnical, Hydraulics, Transportation, Surveying and Construction. Apart from the Central computing facility the department has its own computing facility with more than 60 nodes and continuous internet access. The research projects of the department are funded by various agencies such as Ministry of Human Resource Development (MHRD), All India Council for Technical Education (AICTE), Department of Science and Technology (DST), Maharashtra Pollution Control Board (MPCB), Fund for Improvement of S&T infrastructure (FIST), MODROB, TEQIP etc.

### Major Department Activities:



Guest Lecture “Construction of Roads & Quality control” Delivered by Er. R. S. Patil (Retired Executive Engg. PWD) on Friday, 06 Oct. 2023



Guest Lecture “Lake Conservation” Delivered by Dr. S. S. Shaha (Professor, KIT’s Kolhapur) on Friday, 06 Oct. 2023



Mega Event “AAKAR 2023” on 21-22 Oct. 2022



One day workshop on “Fundamentals of Engineering Geology and outcrop maps





Site Visit at PWD Guest house-II, Sangli Saturday 7<sup>th</sup> Oct., 2023, Site Visit at Residential Building of Mr. Anand Shah, Sangli Saturday, 7<sup>th</sup> Oct., 2023



Guest lecture on 'Mix design procedure of geo-polymer concrete' Delivered by Dr. Pruthviraj B. S on 27<sup>th</sup> Oct 2023



An Expert lecture on 'Cradle to Cradle: To control climate crisis' Delivered by Dr. Ravindra Vora on 07<sup>th</sup> Nov.2023



Training programme on Air Quality Monitoring Equipment 12<sup>th</sup> Dec 2023

• **Publications:**

1. S. B. Hivarekar, G. R. Munavalli "Assessing the Efficiency of TIO2 Impregnated Clay Filters for point-of-use Water treatment: A Bacterial treatment study" Journal Volume issue page no. 359-370
2. Paper Publication at National Conference on "Emerging Trends in Civil Engineering" (ETCE-23) "Stormwater Drainage Design for Kolhapur city: A literature review"
3. Accepted paper of Dr. A. K. Kokane in the EquinOCS system "Seismic Stability of Reinforced Soil Wall Using Pseudo-Dynamic Technique Under Uniform Surcharge Loading" IGC 2023 - Geotechnical earthquake engineering (IGC 2023 · Geotechnical earthquake engineering)
4. Sunidhi Patil and Dr. G. R. Munavalli Paper Publication at National Conference on "Emerging Trends in Civil Engineering" (ETCE-23) "A Review on the Study of GGBFS and Fly ash based Geopolymer Concrete"
5. Sagar Wandare, Paper Publication at National Conference on "Emerging Trends in Civil Engineering" (ETCE-23) "Application of Drone Technology in Construction Industry"
6. Dhanaji Chavan Paper Publication at National Conference on "Emerging Trends in Civil Engineering" (ETCE-23) "Sensitivity Analysis For The Constitutive Parameters Of The Pressure Dependent Multi-Yield Material Model In OpenSees"

7. Darshan Mundada, K. S. Gumaste Paper Publication at National Conference on “Emerging Trends in Civil Engineering” (ETCE-23) “Studies on Assessment of Electricity Consumption and Design of Solar PV Module for Residential Buildings.” Santosh Patil,
8. Santosh Patil, G. R. Munavalli Paper Publication at National Conference on “Emerging Trends in Civil Engineering” (ETCE-23) “Bio-rack settler for treatment of domestic wastewater with a hybrid mode of treatment”
9. Sanraj Gandhi, Rucha Mangalvedhekar, Utkarsh Patil, Apurv Gore, Priyanka Khadtare, Anmol Magdum Paper Publication at National Conference on “Emerging Trends in Civil Engineering” (ETCE-23) “Predicting the Compressive strength of Concrete Cube specimen using Artificial Intelligence”
10. Abhishek Sangamkar, Anish Ayarekar, Vishal Kawale, Manaswi Newale, Nikita Kamath, Dr. Anant Kokane Paper Publication at National Conference on “Emerging Trends in Civil Engineering” (ETCE-23) “Experimental Study on CBR of Black Cotton Soil treated with Biopolymer-Xanthan Gum”
11. Harshal Chavan, Amol Mali Paper Publication at National Conference on “Emerging Trends in Civil Engineering” (ETCE-23) “A review on Sustainable use of Wheat straw ash”

**Faculty Achievements: (Include awards, workshops, FDP Conducted/attended, guest lecture delivered, PhD registered/awarded, PhD awarded to student working under faculty etc.)**

1. Dr. A. K. Kokane attended a conference at Kolhapur “Higher Education Round Table conference focused on Driving Academic Excellence and Improving Rankings”
2. Dr. G. R. Munavalli attended Ph.D. progress seminar at VJTI, Mumbai as Examiner
3. Registration for NPTEL course on Yoga for Stress Management by Dr. G. R. Munavalli.
4. ‘Surveying & Geomatics’ book translated from English to Marathi. Submitted to AICTE by Dr. P.G. Sonavane.
5. Journal Paper Reviewing – Journal of Materials Science Research and Reviews by Dr. Pruthviraj B.S. on 22 Dec 2023
6. Organization of National Conference on “Emerging Trends in Civil Engineering” (ETCE-23) by Dr. G. R. Munavalli, Dr. K. S. Gumaste and Dr. A. K. Mali
7. Mr. Anmol Magdum went for external oral examination at Daulatrao Aher College of Engineering, Karad
8. Mr. Bhushan Kavathekar went as Recourse person for one day workshop “EPA Net” at ADCET Ashta.
9. Dr. A. K. Kokane selected as River Widening Committee Member by Collector office Sangli

## Mechanical Engineering Department

Mechanical Engineering Department was established in 1955. Currently it is running one undergraduate program i.e. B. Tech in Mechanical Engineering with intake of 60 seats and three post graduate programs i.e. M. Tech in Mechanical-Production Engineering; program with intake of 30 seats, M. Tech in Mechanical - Heat Power Engineering; program with intake of 18 seats and M. Tech in Mechanical - Design Engineering; program with intake of 30 seats. The Mechanical Engineering Department is also recognized as a Research Centre for Doctoral Program. Students who wish to do Ph. D. are enrolled through Shivaji University, Kolhapur, AICTE’s Quality Improvement Program (QIP) and AICTE’s Doctoral Fellowship program (ADF). Currently 2 PhD candidates are enrolled through QIP and 6 candidates are pursuing PhD ADF Program.

The Mechanical Engineering Department is accredited by National Board of Accreditation up to June 2022. NBA has accredited the postgraduate programs three times and the undergraduate program four times. The department has highly qualified and experienced faculty members. About 70 % faculty members from the department have doctorate degrees. All faculty members are working in different research areas such as Design Engineering, Production Engineering and Heat Power Engineering.

### Major Department Activities:

#### Patents:

1. Dr. U.A. Dabade, Dr. V.V. Vanmore, patent filed on, “Micro Abrasive jet Machine”, registration no. 386859-001 on 19/10/2023.
2. Dr. M.M. Khot, Dr. B.S. Gawali and Ms. Pranali V. Wakode filed a Patent on Design Application of “Magnetic Cam Driven Pressure Wave Generator” on 04/12/2023.

#### Publications:

1. Anand S. Shivade and Sagar U. Sapkal, “Application of Multi criteria ABC inventory classification approaches to gear box manufacturing industry”, Journal of The Institution of Engineers (India): Series C, Accepted for publication on Dec 2023.

### Students Achievements:

1. Ms. Tanvi Patil, TY B. Tech. student, selected as NEP SAARTHI by UGC, 21 Sep 2023.

### Faculty Achievements:

1. Dr. S. U. Sapkal and Dr. S.V. Gaikwad received Life Fellow from Indian Institute of Production Engineers, w.e.f. 19 October 2023.
2. Prof. (Dr.) U.A. Dabade - Member of American Society for Mechanical Engineers (ASME) on 31 October 2023 for 2023-24.
3. Dr. S. U. Sapkal - Member of American Society for Mechanical Engineers (ASME) on 31 October 2023 for 2023-24.
4. Dr. S. U. Sapkal - PhD Thesis evaluator for Punyashlok Ahilyadevi Holkar Solapur University, Solapur, November 2023
5. Prof. P. A. Mane participated in the Professional Development Program on, "Counseling for Student Development", conducted by National Institute of Technical Teachers Training and Research, Chennai, from 11 September 2023 to 15 September 2023.
6. Dr. S.U. Sapkal - Reviewer of research paper by IEEE Transactions on Evolutionary Computation.
7. Dr. B.S. Gawali - External Examiner for Ph.D. Science & Technology (Mechanical Engineering), Department of Technology, Savitribai Phule Pune University, 13 October 2023.
8. Dr. A.P. Patil - External Academic Auditor for Year 2022-23 at SIT Yadrav (Ichalkaranji) on 17 October 2023
9. Dr. K.H. Inamdar - Attended integrity pledge taken against corruption by central vigilance commission, 31 October 2023.
10. Dr. S.V. Gaikwad - Staff advisor of International event, Lumina Spark, organized by WCE students club – PACE, on 28 and 29 October 2023.
11. Dr. S.U. Sapkal - Donated Blood for M.S.I. Blood Centre Miraj at WCE Sangli on 3 November 2023.
12. Prof. V.V. Dhende - External examiner for OE of Condition Monitoring course at ADCET Ashta on 7 December 2023.
13. Dr. S.U. Sapkal completed ASME E-FEST Career 2023 Course on 23 September 2023 from ASME E-Fest Career.
14. Mr. Omkar Hankare completed, "Introduction to CFD using OpenFOAM", on 16 October 2023 from NPTEL-IIT Madras.
15. Mr. Jamil Dabir completed, "German - III [Jul-Oct. 2023]", NPTEL online certification.
16. Mr. R.M. Chanmanwar participated in Four Week Online Course on "Communication Skills, Modes and Knowledge Dissemination, conducted by SWAYAM and NITTTR, Chennai, from May to Sept. 2023
17. Mr. R.M. Chanmanwar participated in a Four Week Online Course on "Instructional Planning and Delivery", conducted by SWAYAM and NITTTR, Chennai, from May to Sept. 2023.
18. Mr. R.M. Chanmanwar participated in Four Week Online Course on "Technology Enabled Learning and Life-Long Self Learning" Conducted by SWAYAM and NITTTR, Chennai, from May to Sept. 2023.
19. Mr. R.M. Chanmanwar participated in a Four Week Online Course on "Student Assessment and Evaluation Conducted by SWAYAM and NITTTR, Chennai, from May to Sept. 2023.
20. Dr. M.M. Khot participated in, "Research methodology using ChatGPT & AI tools and funding opportunities for research" organized by PG Department of Computer Application, The internal Quality Assurance Cell (IQAC) and Lincoln University College Marine Research Centre (LUC MRC) of Marian College, Kuttikanam, from 23 Nov. to 01 Dec. 2023.
21. Dr. B.S. Gawali – Delivered Two Days guest lecture series on, "Current trend in Thermal-Fluidics", Shri Sant Gajanan Maharaj College of Engineering, Shegaon, on 27 and 28 October 2023.
22. Mr. R.S. Rustum and Mr. M.B. Patil organized an industrial visit for Final Year B. Tech. students to, Sun Auto Components and Swabhimani Dairy, at Industrial Estate Jaysingpur, on 13 October 2023.
23. Dr. S.U. Sapkal and Dr. A.C. Patil organized an industrial visit for Third Year BTech. Students, to Accurate Gauging India Ltd., Hadpsar Pune, on 14 and 15 October 2023.
24. Dr. A.S. Bhandare, Dr. A.C. Patil and Mr. S.P. Nevagi organized an industrial visit for Second Year B. Tech. students, to Jagdeesh Iron and Steel and Aluminium Extrusion Pvt. Ltd. Kupwad MIDC, Sangli, on 06 November 2023.

## Electrical Engineering Department

The Electrical Engineering Department of Walchand College of Engineering, Sangli was established in 1955, running the UG program since 1955 and PG programs in Power System Engineering and Control System Engineering since 1971. It has 65 years of a long history of technical education. Electrical Engineers produced by this department have contributed to industrial development over the last 60 years at the national and international levels. The Department has a team of 16 faculty members and well-qualified staff.

The department presently has well-equipped laboratories and excellent computational facilities. World-class software like MATLAB, LabVIEW, TIA, Mi-Power, OPAL-RT, ANSYS, Proteus, etc. are available in the department to work on projects in various areas of electrical engineering. The indigenously developed laboratory setups are attracting the attention of various institutes nearby.



The department hosts a diverse and vibrant research portfolio in different areas of Power System, Control System, Power Electronics, Automation with the help of specialized equipment like Siemens S71200 PLC with Total Integrated Automation, Transmission Line Simulator, Quadruple Tank System, Twin Rotor MIMO System, Single Board Heater System, Inverted Pendulum, Continuously Stirred Tank Reactor, Vector Controlled Induction Motor Drive, Efficient PM machines, Numerical Relay Development Environment, NN and Fuzzy Controllers, Power Converters and Drives, Three-phase Five-Level Cascade Multilevel inverter, Power quality analysis, etc. The department also has excellent testing facilities in the area of power systems and power electronics. The research activities of our faculty lead to an extraordinary enrichment of the experience of our students that is realized at both the graduate and undergraduate levels.



One Week Faculty Development Program on “Electromagnetics: Principles and Applications” in Collaboration with Indian Institute of Technology, Bombay & Directorate of Technical Education, Maharashtra State during 9th to 13th October 2023 at Electrical Engineering Department,



The students of FY M.TECH Power System visited to a Capacitor Manufacturing Industry located in Kupwad M.I.D.C. Miraj ,organized by Dr. V. P. Mohale

#### Publications:

1. Shrikant S. Mopari, D. S. More, A. S. Bhalchandra, Pannala Krishna Murthy, K. M. Jadhav, "Degradation Assessment of Oil-Impregnated Paper Insulation for Converter Transformer Based on FDS using Digital Image Processing," SSRG International Journal of Electrical and Electronics Engineering, vol. 10, no. 8, pp. 9-22, 2023.
2. Shrikant S. Mopari, D.S. More, A.S. Bhalchandra, Pannala Krishna Murthy, K.M. Jadhav and R.C. Kamble, "Health assessment of converter transformer pressboard insulation based on FDS and digital image processing", Measurement: Sensors, Volume 29, 100873, 2023.
3. Vijay Mohale, T. R. Chelliah and Yogesh. V. Hote Presented IEEE Paper on, “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” in

#### Faculty Achievements:

1. Mr. S. S. Karvekar arranged Expert lecture on AI and Machine Learning in Healthcare Systems Kshitij Jadhav (MBBS, MD, PhD (Neuroscience) Assistant Professor - Koita Centre for Digital Health, IIT Bombay on 16th October 2023.
2. Dr. V. P. Mohale Organized a Guest Lecture on Practical Aspect for Power Electronics Converter Design by Dr Vishal Undre for TY B. Tech. Electrical Engineering Student on 19<sup>th</sup> October 2023.
3. Dr. V. P. Mohale has arranged Guest Lecture on Recent Advancement in Power Electronics Linked to Power System by Dr. Vishal Undre for M. Tech. Power System Engineering Student on 6<sup>th</sup> November 2023.
4. Dr. V. P. Mohale has Organized a Two days Training for faculty and students on "ETAP Applications to Power System Engineering" by a Resource Person from ETAP on 8<sup>th</sup> and 9<sup>th</sup> November 2023.
5. Dr. V. P. Mohale recognized IEEE Young Professionals & become life member the Society of Power Engineers (INDIA).
6. Dr. D. S. More has delivered Guest Lecture on “Introduction to Hydrogen and Fuel Cell Technology” ATAL FDP organized by KIT, Kolhapur on 28<sup>th</sup> November 2023.
7. Dr. V. P. Mohale has delivered Guest Lecture on “High Battery Management Systems for Power System Grid Resilience” ATAL FDP organized by KIT, Kolhapur on 28<sup>th</sup> November 2023.

8. Dr. R. P. Hasabe nominated as a member of Ad-hoc board in Electrical Engineering and Technology under the faculty of science and technology.
9. Dr. V. P. Mohale has reviewed 6 papers for MDP journals in the period 2022-23: Energies, Processes, sustainability.

#### FDP Attended/ Organized:

1. 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” (09<sup>th</sup> to 13<sup>th</sup> October 2023). Dr. Vijay Mohale (course coordinator), Dr. R. P. Hasabe, Mr. A. B. Patil, Mr. S. S. Karvekar, Mr. S. S. Medhekar, participated in the FDP.
2. Dr. V. P. Mohale have successfully completed 3 modules of AICTE National Initiative for Training of Technical Teachers (for Inductee Teachers) Scheme, 2020
3. Mr. S. S. Karvekar & Mrs. A. S. Karvekar have successfully completed 4 modules of AICTE National Initiative for Training of Technical Teachers (for Inductee Teachers) Scheme, 2020
4. NPTEL 4 Week FDP Certificate is awarded to Ms. S. L. Shaikh for successfully completing the course Stress Management with a consolidated score of 93 %.
5. Mrs. S. P. Diwan has participated in the 7 Day National Level Online Faculty Development Programme on Curriculum framework in line with NEP 2020, OBE and AI Advancements, organised by The Internal Quality Assurance Cell (IQAC) of Mar Thoma College for Women, Perumbavoor, in association with The Kerala State Higher Education Council (KSHEC) from 12 to 19 October 2023 and secured an “A” grade.

## Electronics Engineering Department

The Department of Electronics Engineering was established in 1986 to offer both graduate and post graduate programs at Walchand College of Engineering, Sangli. Its Curriculum is developed in such a way that it will nurture critical thinking, creativity and professional skills in students.

The Electronics Engineering Department runs programs of Diploma (Industrial Electronics), B. Tech. (Electronics Engineering) and M. Tech (Electronics Engineering). Department is recognized as a Ph. D. research centre for the following schemes: AICTE's Doctoral Fellowship Scheme, Govt. of India's Quality Improvement Program and Shivaji University, Kolhapur. Department is accredited by the National Board of Accreditation, New Delhi.

The Electronics Engineering Department has a well-qualified faculty, having expertise in various Electronics Engineering streams like Communication and Signal Processing, Embedded Systems and VLSI, Instrumentation and Control Systems. The faculty members at the Department have published several book and book chapters, research work in peer reviewed high impact National and International indexed search journals like IEEE, Springer Publications, Wiley Publications etc. Our students are placed in different reputed companies like John Deere, Seagate Technologies, Cadence, Thought Works Philips, EATON India, L & T, Hella Automotive and many more. Our students are placed in software companies like Infosys, TCS, Siemens, Cognizant, Accenture and many more.



The Department of Electronics Engineering, Information Technology and Computer Science Engineering jointly organized the national conference on Communication, Image Processing and Computing (NCIPC 2023) on 15 December. Total 36 papers were presented in Hybrid Mode. NCIPC Conference Proceedings, which will publish by ISTE Journal and is part of UGC Care Group II. The conference commences with the esteemed presence of Dr. M B Kokare, Director, SGGs, Nanded. serving as the Chief Guest, alongside Dr. U A Dabade, the In charge Director and Dr. S D Ruikar, Head of ELN, Dr. R R Rathod, Head of IT, and Dr. M A Shah, Head of CSE .The keynote address was given by Chief Guest Dr. M. B. Kokare.





Department Event “ELECTROVERT 2k23” was organized by ELESA club on 4 and 5 November 2023. Faculty members from electronics department were the judge for various activities under the event.



EmbeddedThon, A Mini Hackathon on Embedded Systems Design organized by Mr. S. R. Khedkar on 09 November, 2023 .



A demo session on Front end, Back end VLSI: Organized by Mr. R. G. Mevekari for faculty of Electronics Department. The session was conducted by Trident Tech lab Technology on 1st December 2023.



Embedded Battle, a Mini project competition for embedded system design organized by Mr. S. R. Khedkar on 21<sup>st</sup> and 22<sup>nd</sup> November 2023.



A guest lecture by Mr. Vinay Honrao and Mr. Vinay Sidhaye from AVR Tech, Sangli on “Object oriented Programming with Arduino” organized by Ms. N. S. Babar on 31<sup>st</sup> October 2023 .

**Publications:**

1. Ms. R. S. Gaikwad, "Real Time Sign language recognition of words and sentence generation using MediaPipe and LSTM", 7<sup>th</sup> International joint conference on Advances in Computational Intelligence IJCAI, October 14-15, 2023.

**Students Achievements:**

1. Students from FY and final year electronics participated in Inter zonal table tennis tournament in which they secured 3<sup>rd</sup> rank on 9<sup>th</sup> November 2023.
2. Atharva Gadge and Yug Amrawat from F. Y. Electronics received their runner up price for Enigma competition in Electrovert 23.
3. Karan Patil and Ankit Saini from F. Y. Electronics received the Winner prize for Aquasymposium Electrovert 23.
4. Karan Patil - Winner in Marine Marvel and runner up in Mock Placement Drive.

**Faculty Achievements: (Include awards, workshops, FDP Conducted/attended, guest lecture delivered, PhD registered/awarded, PhD awarded to student working under faculty etc.)**

1. Mr. S. R. Khedkar participated in international Teachers Olympiad 2023 held on 7<sup>th</sup> October 2023. The Olympiad is being organized by Suraasa, world's leading platform for teacher upskilling and growth.
2. Mr. S. R. Khedkar attended BE 10'X AI TOOLS Workshop mentored by Aditya's IIT Kharagpur Alumni in online mode on 8<sup>th</sup> October 2023.
3. Ms. S. U. Patil, Ms. M.R. Khare, Ms. D. R. Chavan and Ms. R. S. Gaikwad attending One Week Faculty Development Program (FDP) on "Electromagnetics: Principles and Applications" from 9<sup>th</sup> to 13<sup>th</sup> October 2023 at the Indian Institute of Technology, Bombay (IITB).
4. Ms. N. S. Babar has attended 1-day workshop conducted by office master on Microsoft office using AI on 18<sup>th</sup> October 2023.
5. Ms. M.R. Khare delivered a guest session on "Raspberry Pi" on Monday 30<sup>th</sup> October 2023 at ADCET, Ashta.
6. Mr. Sagar Khedkar, Ms. Rashmi Gaikwad and Ms. Deepika Chavan were judges for events Circuitrux, Mock Placement Drive and Tech thrive respectively, organized under ELECTROVERT23 on 4<sup>th</sup> and 5<sup>th</sup> November 2023.
7. Mrs. D. R. Chavan has attended an online webinar on How to get published in a scholarly journal: Top Tips from a Publisher on 6th November 2023.
8. Mrs. N. S. Babar has attended "5 Days Online FDP on AI ML for Satellite Image Analysis organized by CMR Institute of Technology, Bengaluru - MATLAB & Python Perspective" during 20<sup>th</sup> to 24<sup>th</sup> November 2023 in online mode.
9. Prof. N. V. Marathe delivered a talk on "NEP-2020 Implementation" at D. Y. Patil College of Engineering and Technology, Kolhapur on 22 November 2023.
10. The NCIPC 2023 was organized on 15th Dec 2023 by Dr. S D Ruikar (Technical Program Committee Chair) and Supported by Dr. B. G. Patil, Mr. S. B. Dhaygude, Mr. N. V. Marathe, Dr. A. A. Aagashe, Mr. S. K. Parchandekar, Dr. S. G. Tamhankar, Mr. R. G. Mevekari
11. Dr. A A Agashe, Dr. S D Ruikar, Dr. S G Tamhankar, Mrs. M R Khare, Ms. S U Patil, Mrs. D R Chavan and Ms. R S Gaikwad contributed as a reviewer for NCIPC 2023.

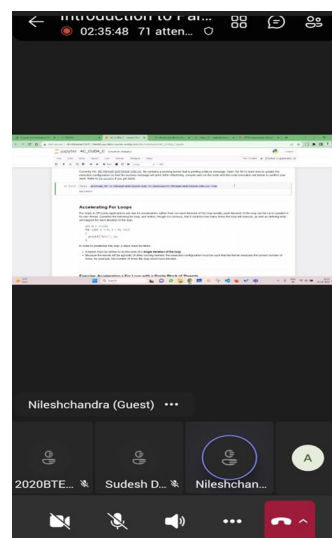
## Computer Science & Engineering Department

The Department of Computer Science and Engineering - Walchand College of Engineering, Sangli was established in 1986. The department has contributed in producing several eminent engineers who are in key positions of the Government organizations, public sector and Multinational companies and have brought in significant contributions in various regions of India. Alumni of the department can be found in all public and private sector organizations operating in diverse fields, holding senior key positions in the organizations.

The Department offers a four-year course leading to a Bachelor's Degree in Computer Science and Engineering (B. Tech.) and a two-year course leading to a Master's degree (M. Tech.) in Computer Science and Engineering. The curriculum contains mandatory as well as elective courses and has various tracks and a choice-based credit system with balanced theory, laboratory and project-oriented courses. The track system provides the students; the flexibility to choose the elective courses based on the aptitude, interests and career plan of students. Courses and course contents are designed by taking inputs from Industry Consultation Committee (ICC). This makes the curriculum of these programmes dynamic, in-line with the current trends of the Computer and IT Industries. These programmes attract meritorious students every year at the entry level for both UG and PG programmes.



The department also provides research guidance to Ph.D. students of Shivaji University, Kolhapur. Running of Ph.D. programme in the CSE department has boosted the research culture further. The department is a recognized research center of Shivaji university of Kolhapur and Admissions are under NDF, ADF schemes, and also a minor center for QIP research scheme. Students of the department are engaged in various co-curricular and extra-curricular activities. They proactively participate in different prestigious competitions and have also won various national level coding competitions such as Hackathons. The Placement of UG students for the past three years has been consistently above 85%. The Department is known for its reputed faculty having expertise in diverse fields. The faculty has contributed research papers in various Journals and Conferences. It has built up a wide research potential in Computer Science and Engineering. The department has well-equipped engineering laboratories in the fields of Deep Learning, Image Processing and Computer Vision, IoT, Artificial Intelligence and Machine Learning. Apart from the Central computing facility, the department has its own computing facility and continuous internet access.



“7<sup>th</sup> Research Symposium on Computing 2023” by CSE & IT Department, IPR Cell Shivaji University, Kolhapur and WCE ACM Student Chapter on 7<sup>th</sup> November 2023.

Two days online workshop on “Introduction to Parallel Computing Using Multicore Architectures” by Dr. Nilesch Pikle, Asst. Prof., IIIT Nagpur on 14<sup>th</sup> and 15<sup>th</sup> October 2023 for Final year CSE students.



Guest lecture on “Recent Trends and Research in HCI “by Dr. Ganesh Bhutkar, Asst. Head (Research), VIT, Pune on 9<sup>th</sup> October 2023.



CSE Department Organized a Student Membership Enhancement and Leadership Training (SMELT 4.3) under IEEE Region 10 SAC STUDENT SUMMIT & IEEE Student Branch inauguration on 16<sup>th</sup> September 2023.



Expert Session on React Js organized by CSE dept and WCE ACM student chapter on 15<sup>th</sup> September 2023. Key Speaker: Vishwajeetsingh Desurkar, a distinguished WCE alumni.

#### **Students Achievements:**

1. Vyankatesh Bura Mr. Saurabh Patil (Final Year B.Tech CSE) Team Rising Regret emerged as the winner of the Eduspark Hackathon, hosted by VIT Pune and generously sponsored by Polymath AI on 21<sup>st</sup> October 2023.
2. Vishal Jha, Omkar Bongale, Abhijit Puri qualified for 2023 International Collegiate Programming Contest (ICPC) Chennai Regionals 24<sup>th</sup> Nov. 2023.
3. Ms. Sapna Khedkar selected for AWS AI & ML scholarship 2023- winter cohort. She is one of the 1000 globally accepted candidates sponsored by AWS for the Udacity AI programming with Python.
4. Tushar Rathod, Aradhya Pitalwar, Jay Shirguppe (Third Year B.Tech CSE) won 1<sup>st</sup> prize for Autonomous Indoor Exploration project in RSC 2023 IPS conducted on 7<sup>th</sup> November 2023.
5. Omkar Auti, Anurag Takalkar, Onkar Yemul (Third Year B.Tech CSE) won 2<sup>nd</sup> prize for Real-Time Traffic Sign detection with Voice alerts project in RSC 2023 IPS conducted on 7<sup>th</sup> November 2023.
6. Akhil Verma, Aryan Raina, Omar Tarique (Third Year B.Tech CSE) won Best Poster Presentation for Violence Detection using DeepCNN in RSC 2023 conducted on 7<sup>th</sup> November 2023.

#### **Faculty Achievements:**

1. Mr. S. D. Pujari successfully completed the certification examination of the Apple certified trainer for App Development with Swift in September 2023.
2. Dr. A. R. Surve conducted an External Academic Audit at DKTE's Textile and Engineering Institute, Ichalkaranji on 6<sup>th</sup> November 2023.
3. Mrs. M. S. Dabade successfully presented the innovative work as 'The keynote speaker' for the patent in Vishwa Intellectual Property Conclave 2023 organized by VIIT Pune on 24<sup>th</sup> and 25<sup>th</sup> Nov. 2023.
4. Mrs. A. M. Chimanna participated as Judge on "ORNATE 2K23- Paper Presentation Competition" at SIT, Polytechnic, Yadrav on 7<sup>th</sup> October 2023.

#### **Guest Lecture Delivered**

1. Dr. N. L. Gavankar conducted an expert session at DKTE Ichalkaranji on topic Compiler Design on 21<sup>st</sup> October 2023. FDP attended
2. Dr. A. R. Surve, Ms. A. B. Shikalgar participated in online FDP on "Recent Trends in computing 3.0" organised by Department of Computer Engineering, VIT, Pune from 9<sup>th</sup> October to 13<sup>th</sup> October 2023.
3. Mr. A. A. Urunkar successfully completed 4 weeks NPTEL- AICTE FDP on Python for Data Science on JULY -AUGUST 2023.

#### **Workshop/ Training**

1. Mrs. M.S. Dabade successfully completed the NPTEL online certification 12 week course "The Joy of Computing Using Python" on Jul-Oct 2023.
2. Dr. A. R. Surve attended Expert Lecture on "How to get published in a scholarly journal: Top Tips from a publisher" presented by Dr. Vinita Saroha, customer consultant, Researcher Academy on 6<sup>th</sup> November 2023



## Information Technology Department

The Department of Information Technology was established in 2001 with an Under-Graduate (UG) programme. Further, Post Graduate was started in 2012. Since then we have recorded consistent performance in academics and placement. Both UG and PG programmes are NBA accredited. We have grown our expertise and competence in areas like Artificial Intelligence, Machine Learning, Data Science, Open Source Technologies, Web Development, High performance Computing, Internet of Things, etc. The Department has 09 state-of-art laboratories for academics and research to meet the changing requirements of industry. Our track based curriculum has been constantly updated by concerning the stakeholders with e-learning (MOOC) platforms for Open Electives, Professional Electives. Recently, the department has established a Center of Excellence of Data Science & Artificial Intelligence. Department also offers Minor, Honor and Value Added Certification Courses in technological and multidisciplinary environments to provide a wide spectrum to the students for pursuing their interest. We promote our students for higher studies like Masters and Ph. D.

We encourage our students to participate in various extracurricular activities through student associations like SAIT, WLUG, etc. The Department seeks to combine excellence in education with service to the employers, researchers and students.

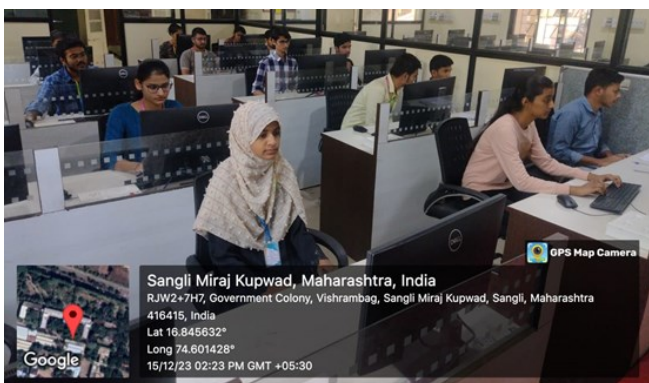
### Major Department Activities:

Dept. of Electronics, Dept of Computer Science and Engg., and Dept. of Information Technology has organized a national level conference on “Communication, Image Processing and Computing (NCIPC-2023) on 15<sup>th</sup> – 16<sup>th</sup> December 2023.



Students’ Association of Information Technology (SAIT) organized an Alumni Visit on 24<sup>th</sup> October 2023.

Demonstration on Augmented Reality, Virtual Reality and Mixed Reality technologies Headset by Expert Mr. Shaurya Shrivastav, Stealth Security Systems, Pune on 24<sup>th</sup>, Nov. 2023, organized by Dr.U.B. Chavan.



Dr. U.B. Chavan as WCE nodal center co-ordinator, conducted virtual lab activities in the first and second week of December.

Team comprising 5 Students from SY( Electronics) and 1 from SY(IT) Won first prize of Rs. 1 Lakh for theme - “Hack4justice” in Smart India Hackathon on 19-20 Dec. 2023 at Kolkata.

**Patents:**

1. Dr. S. P. Sonavane has been granted to the patentee for an invention entitled “A Method and A System for Identifying Frauds in An Electronic Voting Machine” on 1<sup>st</sup> Nov. 2023 (Patent No. 464620 & Application No. : 201621008275)
2. Dr. S. P. Sonavane has applied for Patent of title “Bacteria Identifying and Disinfecting Device” on 4<sup>th</sup> Dec. 2023 (Application No. : 401330-001).
3. Dr. S. S. Solapure has published a Patent of title “Optimization process of RPL routing protocol of an IoT System” on 15<sup>th</sup> Dec. 2023 (Application No. : 202321078788A)

**Publications:**

1. Dr. P. K. Kharat has published Paper on “An inventory management using cloud unction and protocol buffer for improved efficiency” in IEEE Xplore and IET in Dec. 2023.

**Students Achievements:**

1. Third place in Inter-zonal Tournament of Table-Tennis at Shri Vivekanand College Kolhapur by Miss. Vaishnavi Laxmikant Ladda TY(IT) on 9<sup>th</sup> Nov. 2023
2. Team comprising 5 Students from SY (Electronics) and 1 from SY(IT) Won first prize of Rs. 1 Lakh for theme - “Hack4justice” in Smart India Hackathon on 19-20 Dec. 2023 at Kolkata.

**Workshop/NPTEL/Training:**

1. Dr. P. K. Kharat Attending MSMDA IofC course Dr on Ethics and Values in Higher Education between 12<sup>th</sup> to 16<sup>th</sup> Dec. 2023 at MRA Centre Panchgani.
2. Mr. M. B. Narnaware has completed an online NPTEL Workshop on “Exploring the world of Data structures” on 30<sup>th</sup> Sept. 2023.
3. Mr. M. B. Narnaware has completed an online NPTEL Workshop on “Leveraging Generative AI for Teaching Programming Courses” on 23-24, 30 Sept, 1<sup>st</sup> Oct 2023.

**Guest Lecture delivered:**

1. Dr. A. J. Umbarkar Served as Session Chair in the 2<sup>nd</sup> IEEE International Conference on “Blockchain and Distributed Systems Security 2023” by IEEE Computer Society, Pune and Madhya Pradesh on 6-8, Oct. 2023.
2. Dr. A. J. Umbarkar was an expert for a seminar on “Research Methodologies, paper writing and IPR” on 9<sup>th</sup> Dec. 2023 at Shri Siddheshwar Women’s College of Engg. Solapur.
3. Dr. P. K. Kharat Invited lead speaker for the International Symposium on “Robotics in Agriculture” on 20-21 December 2023 at MPKV Rahuri.
4. Guest lecture delivered by Dr. S. S. Solapure, at Government Miraj Medical College for FY MBBS student’s on “ICT technologies and research for MBBS students under digital orientation program” on 10<sup>th</sup> Oct. 2023.

**Faculty Achievements:**

1. Dr. D. B. Kulkarni, Dr. U. B. Chavan and Mr. M. G. Rathi conducted One week Faculty Development Program (FDP) on High Performance Computing held during 26 - 30 July 2023 in hybrid mode, under the aegis of Nation Supercomputing Mission.
2. Dr. S. S. Solapure attended one week national level capacity building programme on Cyber Security and Forensics, KJ Somaiya Institute of Technology and Ramrao Adik Insti. Tech. Nerul, 19-24/06/2023
3. Dr. A. J. Umbarkar, attended two week online FDP on Entrepreneurship organized by Turnip, 25/07/2023 to 07/08/2023
4. Dr. A. P. Patil attended 7 Day National Level Online Faculty Development Program on Chat GPT & AI Tools for Educators, in-line with OBE, St Joseph’s College (Autonomous), Irinjalakuda, 19-26/07/2023
5. Dr. A. P. Patil attended 5 days’ workshop on VLSI to System Design: Silicon to End Application Approach AICTE, Arm Education and STMicroelectronics, 31/07/2023 to 4/08/2023
6. Dr. U. B. Chavan attended 5 days FDP on “Artificial Intelligence and Data Science: Perspective, pedagogy and Practices”, AICTE & Jio Institute, Navi Mumbai, 21-25/08/2023
7. Dr. D. B. Kulkarni, Mr. M. G. Rathi attended 5 days FDP on Cloud infrastructure, AICTE MOE sponsored, 21-25/08/2023
8. Dr. S. S. Solapure, attended “IEEE India Blockchain Forum: Blockchain, Metaverse and Web 3.0” Indian Institute of Science (IISc), Bangalore, 8-9/09/2023
9. Dr. U. B. Chavan attended one day workshop organized on IEEE for library for TY students and faculty, WCE Library, 13/09/2023.



**Achievement:**

1. Dr. P. K. Kharat is Committee Member of Finance and Accounting at Shivaji University Kolhapur
2. Dr. A. J. Umbarkar is Reviewer in National Conference on Communication, Image Processing and Computing, on 15<sup>th</sup>-16<sup>th</sup> December 2023 Organized by Department of Electronics Engineering, Information Technology and Computer Science & Engineering, WCE Sangli
3. Dr. S P Sonavane, Mr. Rupesh Gangarde (UG IT) Student submitted copyright for work “Auto Grader” on 14<sup>th</sup> Dec 2023
4. Dr. S. S. Solapure has registered a Copyright of title “IOT Routing Optimization” for dataset on 15<sup>th</sup> Dec. 2023 (Registration No. : L-138628/2023).

## Applied Mechanics Department

The department of Applied Mechanics (APM) at W.C.E. Sangli was established in 1947 to fulfill educational requirements in the field of structural engineering. The department also caters the needs of the other departments in the core subjects of Engineering Mechanics. All the Structural Engineering subjects for the B. Tech. Program in Civil Engineering are also handled by this department. The department conducts the PG Program of M. Tech. in Civil-Structural Engineering which is accredited by NBA. The department is recognized research centre by Shivaji University, Kolhapur, Quality Improvement Program (QIP) and National Doctoral Fellowship (NDF) under AICTE for Doctoral Program. The department is well known in this region for its consultancy work in the area of structural engineering. This includes testing of materials, components and onsite analysis of structures for failure or retrofitting. The department provides concrete mix design and different techniques for strengthening and retrofitting of existing seismically weak and aged structures. Various departments to whom such consultancy work is provided include state government, semi government and railway departments, private institutes and private firms. The department is well equipped with testing hardware and software facilities required for this purpose.

**Major Department Activities:**



Visit to Ultratech RMC Plant at Savali, Sangli, Friday, 15<sup>th</sup> Sept 2023, organized by Mr. A. S. Patane, Dr. P. K. Sohoni.

**Publications:**

1. A research paper entitled, “Assessment of Water Pressure on Reinforced Concrete Highway Bridge Piers by Univariate Regression Analysis Approach” published in Journal of Building Pathology and Rehabilitation (Springer-Scopus Indexed) by Shri. Digambar Patil & Dr. S. B. Kadam.
2. A research paper entitled, “Flood Resilience Assessment of Reinforced Concrete Highway Bridges: A Computational Investigation” published in book series (Scopus Indexed) Recent Experimental and Computational Research in Structural Engineering, by Shri. Digambar Patil & Dr. S. B. Kadam.
3. A research paper entitled, “Image Caption Generation Using Deep Learning Techniques” published in Hinweis Second International Conference on Recent Trends in MLIP (Scopus Indexed) by Shri. A. S. Patane.

**Students Achievements:**

1. Mr. Sajid Mulani, Mr. Shrishail Patil, Mr. Avinash Hake and Mr. Aditya Davare of M. Tech second year students got internship in Afcons Infrastructure Limited.
2. Ms. Shital Kamble and Ms. Pratiksha Yadav got internship in VMS Mumbai.

**Faculty Achievements:**

1. Dr. C. B. Pol a guest lecture on “Research Trends in Structural Engineering” at SVERI's College of Engineering, Pandharpur on 21<sup>st</sup> October 2023.
2. Dr. P. K. Sohoni worked as JURY Member for Maharashtra Student Innovation Challenge held at RIT, Islampur on 11 December 2023.

## Humanities and Science Department

The Department of Humanities and Sciences has been established with the goal of providing basic knowledge to the students enrolled in First Year B.Tech Programmes. Every year about 470 students are admitted in the First Year. This department is one of the most diverse department. It is located in a main building that has excellent lab facilities. This department offers comprehensive knowledge in the subjects like Mathematics, Physics, Chemistry, English, and Life science

In this department, each student gains a solid foundation in the fundamentals as well as critical thinking skills, learning motivation, intellectual discipline, and self-reliance, which are the bedrock of long-term professional success.

The faculty members of the department are highly qualified and knowledgeable in their respective fields. They assist students in understanding the subject and gaining knowledge. They also assist students in becoming responsible students by instilling moral, intellectual, and ethical principles in their behavior. The H&S department creates the groundwork for students by nurturing them in their key disciplines.



Mission Yuva- New Voter Registration campaign at WCE-Chemistry Laboratory on 8<sup>th</sup> 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.

### Major Department Activities:

#### Publications:

1. Dr. Jamadar Bashir Assistant Professor in Physics has presented a paper titled “IoT Based Continuous Monitoring System For Steam- Turbine Cogeneration Plant In Sugar Industry” in National Conference on Communication, Image Processing and Computing, (NCIPC) 15th - 16th December 2023 Jointly Organized by Department of Electronics Engineering, Information Technology and Computer Science & Engineering WCE,Sangli.

#### Faculty Achievements:

1. A.A. Powar Associate Professor in Chemistry, successfully completed DRC (Departmental Review Committee) for his Ph. D synopsis “Synthesis of transition oxide-GO/RGO composite: an electrochemical sensing material for neurotransmitters and organic pollutants” at JJTU Rajasthan on 30<sup>th</sup> December 2023



Mr.Anil A Powar Associate Professor in Chemistry has received “Excellent Faculty Award” from Saksham Society (A world record holder NGO) on 29<sup>th</sup> October 2023.

## Polytechnique Wing Activities

1. Industrial Electronics Department conducted state level paper presentation Waltronics 2023 in online mode on 04.11.2023. In this event 48 papers were enrolled.
2. Winter 2023 MSBTE examination and Regional Assessment center (RAC) activity conducted successfully.
3. Shri. S. U. Chavan was selected for PhD Program of Shivaji University, Kolhapur
4. NBA preparation for all courses is going on.
5. Working professional course is sanctioned by AICTE for branches CE, ME and EE with 30 intake capacity.



## Association of Computer Science and Engineering Students



Club service titled "Roadmap to FE's" conducted on 23<sup>rd</sup> November, 2023. A Roadmap is like a Treasure map for a coding journey.



Club conducts interview process to select its members. We had a round of interviews to select our new board. The interviews were conducted 30 October and 1-2 November 2023. The boards are distributed as follows : Mentor board, Main board, Assistant board, Member board

## Electronics Engineering Student Association



Joint board interviews and board handovers conducted on 15 September, 2023.





Assistant board interviews and board handovers represent a collaborative approach to leadership transitions within the club on 11 October, 2023



ELECTROVERT is an International Level Technical Event organised by Electronics Engineering Students' Association (ELESA) on 04-05 November, 2023.

**MECHANICAL ENGINEERING STUDENTS' ASSOCIATION - MECHANICAL ENGINEERING STUDENTS' CHAPTER**



Mechanical Engineering Students Chapter (MESA-MESC), conducted session regarding the Cosmos, achievements of our renowned space agency ISRO as well as the career opportunities were presented to the attendees on October 12th, 2023





The VERTEX 2.0, national level Tech Symposium held on 4<sup>th</sup> & 5<sup>th</sup> November 2023, with the theme "The difference between Ordinary & Extraordinary is that little Extra!"

## Association of Civil Engineering Students

WALCHAND COLLEGE OF ENGINEERING, SANGLI  
(Government-Aided Autonomous Institute)  
DEPARTMENT OF CIVIL ENGINEERING  
In association with  
CIVIL ENGINEERING STUDENTS' ASSOCIATION  
celebrating...



# अभियंता

## ENGINEER'S DAY

remembering Bharat Ratna Sir Mokshagundam Visvesvaraya on his 162<sup>nd</sup> birth anniversary

A TALK WITH OUR ALUMNI

Mr. Irfan Mujawar (Assi. Engineer PWD)      Mr. Vivek Chavan (Assi. Engineer PWD)

Mr. Dhiraj Mane (Assi. Engineer PWD)

15 / 09 / 2023      6 : 00 PM      Diploma Seminar Hall

MR. YASH NAGANE (President)      DR. D. S. CHAVAN (Staff Advisor)      DR. G. R. MUNAVALLI (Head of Department Civil Engineering)      DR. U. A. DABADE (I/G Director, WCE)



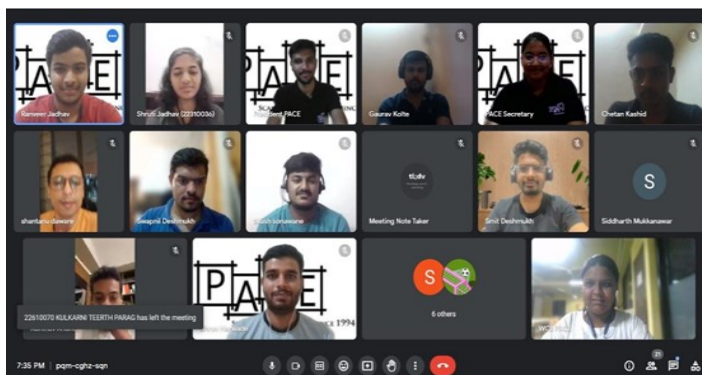
The ABHIYANTA event was organized by CESA in the occasion of Engineers Day on 15<sup>th</sup> September, 2023.



A National level Technical Symposium is organized by the Civil Engineering Students' Association (CESA) of Walchand College of Engineering, Sangli. AAKAR 2023 was organized from 20<sup>th</sup> to 22<sup>nd</sup> October 2023. It was based on the theme of " Vasturang: Celebrating Extraordinary".

AAKAR commenced on 20<sup>th</sup> October with the AAKAR TALK by public speaker, digital creator, storyteller and RJ Mr. Vikas Naik. The Inauguration ceremony took place on 21<sup>st</sup> October, The chief guest was the Mr. Pranil Gilda DYSP Sangli. A motivational, Inspirational Talk conducted on 22<sup>nd</sup> October, in the presence of Deputycollector, District Supply Officer, DMO Sangli Mr. Ashish Barkul. More than 1000 students actively participated in AAKAR 2023.

## PERSONALITY ADVANCEMENT CIRCLE OF ENGINEERS



PACE-Alumni Meet (online) was conducted on 17<sup>th</sup> September 2023. It was a wonderful opportunity to reconnect with alumni from all over the world.



PRUDENCE (under Luminaspark): Prudence is an annual International event conducted by PACE to nurture the management skills, uplift one's personality in a light entertaining yet competitive manner. This year Prudence was conducted under Luminaspark jointly organised by PACE and EESA on 28<sup>th</sup> and 29<sup>th</sup> of October.





Streaming of World Cup Final: PACE along with Gymkhana arranged live streaming for the students, teachers and non-teaching staff in the campus on 19<sup>th</sup> November 2023.

### Rotaract Club



Wonderpulse 2K23 was a fun group activity conducted on 23 September, 2023 in Walchand College of Engineering, Sangli. The activity helped to increase the interaction among club members boost their Leadership Skills, increase team spirit



Global Mandate 2.0, a mega event organized by the Rotaract Club of WCE, Sangli, on October 2023, This impactful event showcased the club's dedication to global initiatives and community service. Attendees experienced a diverse range of activities, including seminars, workshops, and collaborative projects, all designed to foster leadership and social responsibility.



Blood Donation Camp 2K23 was successfully conducted on 2 November, 2023 in campus classrooms of Walchand College of Engineering, Sangli. Rotaract Club of WCE, Sangli under collaboration with HDFC Bank, Vishrambag



## Students Association of Information Technology



SAIT conducted its Member Board Interviews from October 3 to 5, followed by Member Board Declaration on 10 October 2023. The club received over 50 application from First year IT students to be a part of the club.



SAIT recently hosted an Alumni Interaction Session featuring accomplished 2008 batch graduates Arpit Gawande, Rahul Mahajan, Swapnil Ghorpade, Abhishek Motghare, and Sharukh Forbs.



Techfusion 2.0, a national-level mega event of technology and innovation held on October 29. The four-day program included with competitions such as 'CodeDuet,' 'CodeCrush,' and 'Bid 2 Build,' along with workshops on Networking and Cloud Computing. The event took place from 24 to 29 October 2023. The theme of this year's event was based on celebrating the achievements of ISRO and the program was inaugurated with great flair and excitement.

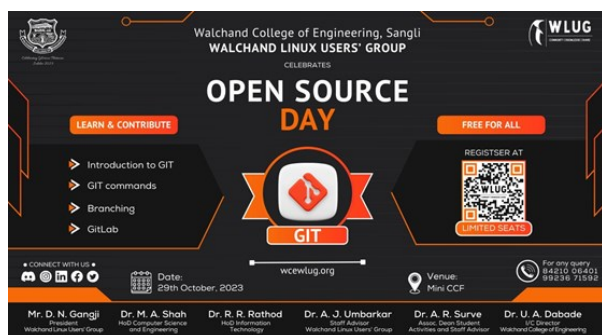


## Students Organization for Technical Activities



Glimpse of Fresher's Party held on 10 September 2023

## Walchand Linux Users' Group



“Open Source Day” is a national event of the Walchand Linux Users’ Group. A one-day workshop held on 29th October, 2023. This event includes 4 sessions on Open Source technologies starting from scratch fundamentals of Git to Gitlab and Git internals.

## IEEE STUDENT Branch



A programme of inauguration of the Student Branch of IEEE was organized on 16<sup>th</sup> of September, 2023 and programme of IEEE Region 10 Student Summit named as SMELT4.3.



The IEEE Xtreme was well-attended and actively participated by all its IEEE members. The contest was given by all the members in the PG Research lab in the CSE Department. It was 24-hour coding contest so there were no inner time constraints.

### Association of Computing Machinery



DSA Launchpad 4.0: The highly anticipated DSA Launchpad, organized by the WCE ACM Student Chapter, unfolded its array of events and sessions spanning from 23<sup>rd</sup> November to 6<sup>th</sup> December, 2023. This initiative was tailored for enthusiast eager to delve into the intricacies of Data Structures and Algorithms.



7<sup>th</sup> Research Symposium: a collaborative effort by Shivaji University, WCE ACM Student Chapter, the Computer Science and Engineering Department, and the Department of Information Technology, marked a significant milestone in fostering research and innovation. The event, which took place with immense success, featured a diverse range of activities, including project showcases and poster presentations, catering to students from B. Tech to Ph.D. levels across Sangli and Kolhapur Districts.



## WCE Placement AY 2023-24



# Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415 (MS)



## Placement Details 2023-24 (Till 29<sup>th</sup> Dec 2023)

Sr. No.	Company	Salary in LPA	No of Offers
1	Amazon	38	2
2	Morgan Stanley	26	2
3	Deutsche Bank	20.57	15
4	NVIDIA	18	2
5	Gupshup	18	1
6	Applied Materials	17.5	1
7	Druva	17.47	4
8	Veritas	15.78	3
9	DataInsights	15	0
10	BMC	14	2
11	eQ Technologic	13.88	3
12	Futures First	13.88	1
13	PubMatic	13.75	2
14	SAHAJ SOFTWARE	13.5	1
15	IDeaS SaS (SW)	12.5	5
16	ESAG	12.25	8
17	AspectRatio Pvt. Ltd.	12	4
18	Schneider Electric	12	15
19	Work Day	12	0
20	BIZOM (Mobisy Technology)	12	2
21	Forescout	11.07	5
22	SIEMENS DISW	11	19
23	Signify / Cooper Lighting Solutions	11	15
24	Salesforce	11	0
25	Tejas Networks	10	1
26	IDeaS SaS (Core)	10	4
27	Onlinesales.ai	10	1
28	Seagate	10	7
29	Oracle FSS	9.23	8
30	Tech Prescient	9	3
31	Whirlpool	9	11
32	TCS (R&I)	9	2
33	HUL	8.2	0
34	TechVerito	8	4
35	MortgageKart	8	4
36	Atlas Primary	8	8
37	NICE Systems	8	10
38	Principal Global	8	1

### WCE Placement AY 2023-24

39	Eaton	7.9	1
40	Dassault Systems	7.5	4
41	Sensata	7	7
42	Emerson Design	7	16
43	DeltaX	7	0
44	ATLAS COPCO GECIA	6.75	15
45	Forvia Hella	6.5	6
46	Renishaw	6.5	3
47	Technip	6.5	2
48	Total Environment	6.5	3
49	Galaxy Surfactants	6.5	1
50	JLL	6.5	4
51	OneSubSea(Schlumberger)	6 / 7.79	19
52	Burns & McDonnell	5.6	2
53	Worley Parson	5.5	7
54	Thyssenkrupp	5.5	10
55	Forvia Faurecia	5.5	3
56	SIEMENS Energy	5.5	3
57	Sharpooji	5.5	7
58	FOX India	5.47	5
59	Persistent	4.71	2
60	Accenture	4.5	6

Sr. No.	Branch	Enrolled	Placed	Placement %
1	COMPUTER SCIENCE	111	72	64.9
2	IT	73	50	68.5
3	ELECTRONICS	69	53	76.8
4	ELECTRICAL	64	37	57.8
5	MECHANICAL	70	48	68.6
6	CIVIL	55	21	38.2
<b>Total</b>		<b>442</b>	<b>281</b>	<b>63.6</b>

#### Placement Summary B.Tech

Total No. of offers	<b>301</b>
Total No. of Students Selected - B.Tech	<b>281</b>
Total No. of Dream Offers	<b>20</b>
Maximum Salary of B.Tech (LPA)	<b>38.0 LPA</b>
Average Salary of B.Tech (LPA)	<b>10.54 LPA</b>
Median Salary of B.Tech (LPA)	<b>9.0 LPA</b>
Lowest Salary of B.Tech (LPA)	<b>4.50 LPA</b>



# Walchand College of Engineering

Vishrambag, Sangli - 416 415  
(Govt. Aided Autonomous Institute)

## 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.