



Walchand College of Engineering

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

Our Strengths

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

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 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. The Institute is also selected for TEQIP Phase –III from April 2017-March 2020. In TEQIP-III, Walchand College of Engineering, Sangli will Mentor Jabalpur College of Engineering, Jabalpur to upgrade their status. Out of 18 Engineering Colleges from Maharashtra who were involved in TEQIP-II only 8 are now selected for TEQIP-III.

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

Brief History

- 1947** – Established on **23rd June 1947** by Late Shri **Dhondumama Sathe** as: **New Engineering College, Sangli** One of the oldest engineering Colleges in the State of Maharashtra (90 Acres Land)
- 1955** – Name changed to: **Walchand College of Engineering**
- 1971** – **First** in Shivaji University Kolhapur (SUK) area to start **PG programs** and **Only Research Center** in engineering till 2004.
- 1977** -- Started receiving 90% **Grant in Aid from Government of Maharashtra**
- 2003** -- First College in SUK to get NBA Accreditation for 5 UG Programs
- 2007** -- Selected for **TEQIP** Phase –I. Institute became **Autonomous (1st college** in SUK area).
- 2012** – First College in SUK to get NBA Accreditation for 5 PG Programs. Selected for **TEQIP** Phase –II.
- 2014** – UGC **Extended the Autonomy** till 2020
- 2016** – NAAC Accreditation: ‘A’ Grade. Selected for TIFAC Funding from RGSTC.
- 2017** -- Selected for **TEQIP** Phase –III. Will be Mentoring Jabalpur College of Engineering, Jabalpur.

Chairman's Profile...

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, Hicon Technoconsult, Hicon Realty, Hicon Holdings, Uchar Investments, Western Securities, LAVASA Corporation, Motorsports, Association of India, Constructmail.com, Champali Garden, Shalaka Investment, Gulabchand Foundation and as an independent,



Shri. Ajit Gulabchand
Chairman, Administrative Council

non-executive director of Bajaj Electricals. He is a founding member of the World Economic Forum's Disaster Resource Network and a member of the National Council of Confederation of Indian Industry (CII).



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

Director's Message...

It gives me immense pleasure to publish the sixth 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, 16 patents have been granted/filed. Moreover, a total of 10 research papers have been published in both international, along with 11 publications made at international and national conferences. The total Income from Consultancy & Testing is approximately Rs. 52.65 lacs.

On 2nd July 2024, Sandip Ghuge (SP, Sangli) visited college and congratulated students selected in UBS Swiss Company. Second screening (online) of "First Idea Validation Camp" was completed on 18th July 2024 with CIBA team. WCE is recognized as "One of the best Engineering Institutes in the Country in 2024" by CAREERS 360 on 1st August 2024. WCE received the "National Employability Award 2025" by SHL on 2nd August 2024. In this quarter, WCE ACM Student Chapter organized ACM Talks Session on "Transforming Climate Challenges into Start Up Opportunities" on 3rd August 2024. LIC visited the college for primary affiliation of new UG-PG courses, increase in intake, working professional courses on 6th August 2024. Hon. District Collector, Sangli visited the college for monitoring new voters registration campaign on 11th August 2024. 78th Independence Day was celebrated in the college on 15th August 2024. Writer-Reader Dialogue' of famous author and Mechanical Engineering department alumnus Mrs. Vina-ya Gore who resides in USA was organized by Retired Faculty Association of WCE, Sangli on 14th August 2024. The job fair was organized at WCE, Sangli by alumnus and political leader Bajrang Patil on 18th August 2024. Welcome Ceremony of FY Diploma students was organized on 2nd September 2024.

Administrative Council

Sr.No	Name of the Member	Position
1	Shri. Ajit Gulabchand	Chairman
2	Shri Sanjaykaka Patil	Member
3	Dr. V. N. Gupchup	Member
4	Shri. C. N. Gandhi	Member
5	Shri. Amol Chavan	Member
6	Shri. John Hongrey	Member
7	Dr. M. K. Tiwari	Member
8	Dr. V. M. Mohitkar	DTE, Ex-officio, Member
9	Dr. D. V. Jadhav	State Gov. Nominee
10	Prof. Aravind Balan	UGC Nominee
11	Dr. M. B. Vanarotti	SUK Nominee
12	Prof. U. A. Dabade	Faculty Representative
13	Dr. D. S. More	Faculty Representative
14	Shri A.V. Kamble	Faculty Representative (PW)
15	Shri.P. G. Kulkarni	Admin Staff Representative
16	Mrs. S. G. Dhavan	Management Invitee
17	Prof. U. A. Dabade	Member Secretary

College Development Committee

(1st June 2023 to 31st May 2028)

Sr.No.	Name of the Member	Position
1	Shri. Shrinivas 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. Dagadu S. More	Member
12	Dr. Smt. Amrita A. Agashe	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, Deputy Director
Dr. A. V. Kamble	Vice-Principal, Polytechnic Wing
Dr. S. G. Tamhankar	Registrar & Finance Coordinator
Prof. S. B. Dhaygude	Dean, Corporate Relations , Alumni & Student Careers
Dr. Mrs. A. A. Agashe	Dean, Quality Assurance
Dr. A. J. Umbarkar	Associate Dean Research & Development
Dr. M. M. Khot	Associate Dean Student Activities and Development
Dr. A. K. Kokane	Associate Dean Academics
Dr. A. P. Patil,	Associate Dean, Innovation, Incubation and Entrepreneurship
Shri. N. N. Kamble	Associate Dean, Planning & Development
Dr. B. N. Jamadar	Chief Rector
Dr. B.N. Naik	Controller of Examination

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. B. Kadam	HoD, Applied Mechanics
Prof. A.A.Powar	F.Y. Coordinator
Shri. S. B. Agawane	I/c Librarian
Prof. P. A. Mane	Convenor, Purchase
Dr. A. P. Patil	I/c Gymkhana

Academic Programs Offered...

Sr. No.	Programs	Starting Year	Intake
Diploma			
1	Civil Engineering	1955	40
2	Electrical Engineering	1955	60
3	Mechanical Engineering	1955	60
4	Industrial Electronics	1970	40
Under-graduate			
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, 2024	60+90+60U
6	Information Technology	2001, 2024	60+60U
7	Robotics and Automation	2024	60
8	AIML	2024	60
Post-Graduate			
1	Civil-Environment Engineering	1971	18
2	Civil-Structural Engineering	1971	30
3	Civil- Construction Management	2024	12
4	Mechanical-Production Engineering	1995	12
5	Mechanical -Design Engineering	1971	18
6	Mechanical -Heat Power Engineering	1971	12
7	Electrical-Control Systems	1971	12
8	Electrical-Power Systems	1971	12
9	Electronics & Communication Engineering	1987	12
10	CSE-Computer Science Engineering	1998	12
11	Information Technology - Data Science	2012	12

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).

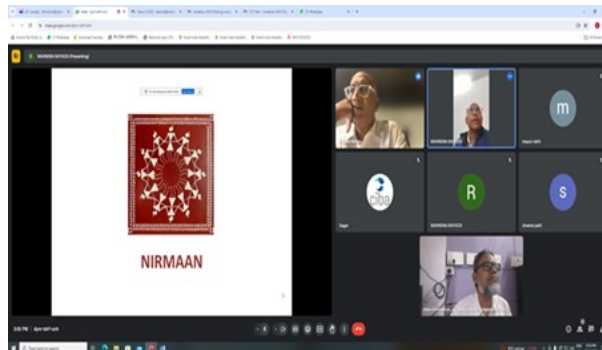
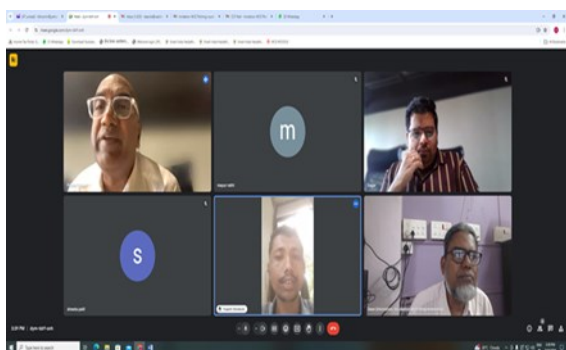
Department Summary (July –September 2024)

Activities	Civil	Mech	ELE	ELN	CSE	IT	APM	HS	PW	Total
No. of International Journal Publications	1	1	-	-	1	2	1	1	2	9
No. of National Journal Publications	-	-	-	-	-	-	-	-	1	1
No. of International Conference Publications	2	3	2	1	1	1	-	-	-	10
No. of National Conference Publications	-	-	-	-	1	-	-	-	-	1
No. of Patents Filed/granted	-	1	7	2	-	-	1	3	2	16
Consultancy & Testing Amount in Rs. Lacs	15	-	2.5	-	-	-	35.15	-	-	52.65

Institute Activity



UBS Swiss Company selection celebration With Sandip Ghuge (SP, Sangli), on 2nd July 2024



Second screening (online) of “First Idea Validation Camp” completed on 18th July 2024 with CIBA team



WCE recognized as “One of the best Engineering Institutes in the Country in 2024” by CAREERS 360 on 1st August 2024



WCE received “National Employability Award 2025” by SHL 2nd August 2024.



WCE ACM Student Chapter organized ACM Talks Session on “Transforming Climate Challenges into Start Up Opportunities” on 3rd August 2024



LIC visited the college for primary affiliation of new UG-PG courses, increase in intake, working professional courses on 06/08/24



Prof. Dr. U. A. Dabade, I/C Director appreciated Administrative Staff for doing an excellent job for the submission of New Program/ Increase in Intake proposal to Shivaji University, Kolhapur on 7th August 2024



Hon. District Collector Sangli visited the college for monitoring new voters registration campaign on 11th August 2024



78th Independence Day celebrated in the college on 15th August 2024



Writer-Reader Dialogue' was organized by Retired Faculty Association of WCE, Sangli on 14th August 2024 with famous author and Mechanical Engineering department alumnus Mrs. Vinaya Gore who resides in USA .

Massive Success of the Job Fair at Walchand

walchandsangli.ac.in | @wceasangli



The job fair was organized at Walchand College of Engineering, Sangli by alumnus and political leader Bajrang Patil on 18th August 2024



Welcome Ceremony of FY Diploma students was organized on 2nd September 2024

Department Activities

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 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:

Publications:

- 1) Paper published in AIP conference titled "Compact package treatment system for greywater treatment by vertical flow natural aerated constructed wetland" AIP Conf. Proc. 3139,070005 (2024) <https://doi.org/10.1063/5.0224494> Authors: Jasutkar D., Munavalli G.R.
- 2) Paper Published in International Journal for research in Applied Science and Engineering Technology. Authors Mr. S. M. Wandare and Mr. B. R. Kavathekar
- 3) Conference Paper accepted at IGC 2024 "Evaluation of Mechanical Characteristics of Geopolymer Stabilized Poorly Graded Granular Soil using Copper Slag" By Dr. A.K. Kokane (Date: 28th August 2024)
- 4) "Experimental Study of Towery Bio-rack Constructed Wetland for Domestic Wastewater Treatment" by Mr. Appasaheb Gujar and Dr. G. R. Munavalli. Selected in Proceedings of SIIOC 2023
- 5) "Bio-rack Settler for Treatment of Domestic Wastewater" by Mr. Santosh Patil and Dr. G. R. Munavalli, Selected in Proceedings of SIIOC 2023

Student Achievements:

1. Mr. Sanket Jadhav (S.Y. Civil) won First prize in Cycling in Namoshashak 2024

Faculty Achievements:

1. Mr. S. M. Shinde submitted Ph. D Thesis to the Shivaji University, Kolhapur on 20th July 2024.
2. Mr. G. M. Bhosale attended One Week STTP Civil Engineering Practices for better Environment, organized by Dept. of Civil Engg. at P. R. Pote Patil College of Engineering & Management, Amravati from 24th June to 29th June 2024.
3. Mr. S. M. Shinde attended One Week STTP Civil Engineering Practices for better Environment, organized by Dept. of Civil Engg. At P. R. Pote Patil College of Engineering & Management, Amravati on 24th June to 29th June 2024.
4. Dr. G. R. Munavalli worked as Resource Person in Training programme for MPCB officials at YASHADA Pune on 3rd and 14th August 2024.

5. Mrs. Shahin Pinjari attended International Online Faculty Development Program on 'Data Visualization and Analytics' with Excel, Power BI, Tableau and Generative AI organized by the PG Department of Computer Applications and IQAC of Marian College Kuttikkanam from 5th July to 11th July 2024.
6. Dr. G. R. Munavalli worked as Resource Person in Training Programme for MPCB officials at YASHADA Pune on 22nd August 2024.
7. Dr. G. R. Munavalli was Session Chair at International Conference at NICMAR on 24th August 2024.
8. Dr. A. K. Kokane attended ICT Academy: Bridge 24 conference on 23rd August 2024)
9. Mr. A. A. Magdum attended International Conference at NICMAR on 24th August, 2024
10. Paper presented titled "Integrating Emission Inventory Data for Effective Air Quality Management in Delhi City". in 1st International Conference on Smart and Sustainable Developments in Science, Engineering and Technology SSDSET 2K24 held on 10th Aug 2024, organized by Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College of Engineering, Satara Department Summary by Mr. S. M. Shinde and Mr. G.M. Bhosale (Date 10th August 2024)
11. Participation In IEI Technical Webinar at The Institution of Engineers by Mr. S. M. Shinde (Date 27th August 2024).
12. Mr. S. M. Shinde Participated in 5 Days International Symposium on "Niche Areas of Sustainable Development" ISNASD' 24, organized by PVG's COET & GKPIOM, Pune, In Association with IEEE Pune Section, Energy Swaraj Foundation, Center of Sustainable Development (GIPE) and Kirloskar Vasundhara from 2nd to 6th September 2024.

Mechanical Engineering Department

The Mechanical Engineering Department is one of the oldest departments in the Walchand College of Engineering, Sangli. It 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 - Design Engineering with intake of 18 seats, M. Tech in Mechanical - Thermal Engineering program with intake of 12 seats and M. Tech in Mechanical-Manufacturing Engineering program with intake of 12 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 (NBA) up to 30-06-2027. The undergraduate program is accredited five times by NBA and the postgraduate programs are accredited three times by NBA. 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, Thermal Engineering and Manufacturing Engineering.

Patents:

Dr. B.S. Gawali, Mr. Milind B. Patil and Mr. Deepak B. Pawar has received a design patent on "HELICAL BUSH SET FLUID BEARING", application number Application Number 413040-001 on 27/08/2024.

Publications:

International Journal –

"Review paper on Design and Development of Miniature Moving Magnet Pulse Tube Cryocooler", by Jitendra G. Shinde and M. M. Khot, International Journal of Journal of Polymer & Composites-STM JOURNALS, May 2024.

International Conference -

1. Dr. Sagar U. Sapkal has published a paper in International Conference titled as, "Reconfigurable Manufacturing system: Key to Smart Manufacturing" on Recent Advances in Mechanical Engineering for Sustainable Development at Delhi Technology University (ISME 2024) on 27 July 2024.
2. Dr. M. M. Khot has published a paper in the International Conference titled, "Design, Modelling, and FEA Analysis of Miniature Moving Magnet Compressor for Pulse Tube Cryocooler " at Indian Journal of Science and Technology on 20 July 2024.

3. Dr. A.S. Bhandare, Dr. U.A. Dabade has published a paper in the International Conference titled "Experimentation investigation of Aluminum 6061 during dry and MQL CNC turning." at the 4th biennial International Conference on Future Learning Aspects of Mechanical engineering (FLAME-2024) on 5 August 2024.

Faculty Achievements:

1. Dr. S.U. Sapkal has attended the annual meet of ASME students section at Pune on 03 Aug 2024.
2. Dr. S.U. Sapkal has attended an external examiner's duty for PhD progress Review committee at DKTE, Ichalkaranji on 06th Aug 2024.
3. Under the Guidance of Dr. S.U. Sapkal, two B. Tech students namely, Rahul Dasarath Khairmode and Shripad C. Deshpande are doing Student Internship at DRDO R&DE, Alandi, Pune. Duration 20th May 2024 – 20th Aug 2024.
4. Dr. S.U. Sapkal worked as a reviewer for one manuscript for the International Journal of Computer Integrated Manufacturing, SCIE Journal in Aug 2024.
5. Dr. S.U. Sapkal worked as a reviewer of two manuscripts for IEEE Transactions on Systems, Man and Cybernetics, SCIE Journal in Aug 2024.
6. V.V. Dhende participated in one week online STTP, 3rd Basics of Tribology and Its Industrial Engineering Applications (BTIEA-2024) organised by Department of Mechanical Engineering, SVNIT, Surat during 20 to 24 August, 2024.
7. Dr. Sardar Shaeikh has attended an industrial visit to Copeland –Emerson Climate Technology, Dhebewadi & Atit Plant, Karad organized by ISHRAE Kolhapur Chapter on 4 th September, 2024.
8. Dr. Sharad V. Gaikwad and Dr. Kedar H. Inamdar have received a recognition as a research Supervisor for PhD in Shivaji University, Kolhapur on 06 Sept 2024.
9. Dr. S.U. Sapkal has attended Open defense meetings in Mechanical Engineering and under his guidance, one student has completed PhD at Shivaji University on 13/09/2024.

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 is always enthusiastic about conducting various courses and workshops for the faculty and students to permeate advances in technology. All undergraduate, postgraduate and Ph.D. students thereby get full opportunity to participate in co-curricular and extra-curricular activities leading to holistic personality development.

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. Over the years, the Electrical Engineering Department has evolved to reach and hold a unique position of pride in the Technical Education System.

Major Department Activities:



Dr. V. P. Mohale organized guest lecture TY student on “Advances in transistor based Biosensors: Integrating Electronics with Biology” by Mr. R. G. Datar (research scholar at BITS Pilani Goa) on 09/09/2024

Patents:

1. Mr. A. N. Inamdar filed a Patent Filed on “AUTONOMOUS VEHICLE NAVIGATION SYSTEM USING ADVANCED MACHINE LEARNING TECHNIQUES”, Application Number- 202441047239 Filing Date-19/06/2024.
2. Mr. A. N. Inamdar filed a patent “A HYBRID APPROACH FOR SOLAR POWER PREDICTION BASED ON SATELLITE IMAGES AND SUPPORT VECTOR MACHINE” on 05/09/2024.

Publications:

1. Dr. V. P. Mohale presented a paper on “A Novel Levy-Flight Arithmetic optimizer for Security Constrained Unit Commitment Problem in Renewable Hybrid Power System for Reliability” at 2024 IEEE IAS Industrial and Commercial Power System for Reliability on 9-12 July, Pattaya, Thailand.
2. Dr. V. P. Mohale presented a paper on “Benefits of Adjustable –Speed Pumped Hydro Units Running in Turbine Made for Wide Water Head Variation Reservoir” at 2024 IEEE IAS Industrial and Commercial Power System for Reliability on 9-12 July, Pattaya, Thailand.

Faculty Achievements:

1. Dr. D. S. More delivered an expert lecture on “Grid Integration of Wind Energy” at ADCET Ashta in the AICTE approved FDP on Renewable Energy and Distributed Generation on 19th August 2024.
2. Dr. S. S. Karvekar delivered an expert lecture on “Battery Management in Renewable Technology “at ADCET Ashta in the AICTE approved FDP on Renewable Energy and Distributed Generation on 20th August 2024.
3. Dr. V. P. Mohale delivered an expert lecture on " Power System Grid Resilience: Challenges and Opportunities towards Energy Transition“ at ADCET Ashta in the AICTE approved FDP on Renewable Energy and Distributed Generation on 20th August 2024.
4. Dr. D. S. More delivered expert lecture on " Field oriented control of three phase Induction motor to 3rd year B. Tech electrical students at SVERIs college of Engineering Pandharpur on 31st August 2024
5. Dr. V. P. Mohale delivered an expert lecture on “Sustainable Energy Transition in India opportunity & challenges” Sant Gajanan Maharaj COE, Gadhinglaj.
6. Dr. S. S. Karvekar completed The one week “Drone Training Program” at Garuda Aerospace scheduled from 8 th -12th July 2024. The training program consisted of Theory sessions for 2 days and Practical Sessions for 3 days at Garuda Aerospace, Agni College of Technology, Old Mahabalipuram Road, Thalambur, Chennai 603103

7. Mrs. A. A. Dhamangaonkar Attended Webinar on “Interpreting Turnitin’s Similarity and AI writing report” on 22nd Aug, 2024.
8. Dr. V. P. Mohale reviewed the journal papers from IEEE transactions & MDPI Energies.
9. Dr. V. P. Mohale & Dr. S. S. Karvekar are recognized as Ph. D. Guide in Shivaji University.
10. Dr. D. S. More attended / evaluated two Ph. D presentations at Department of technology Shivaji University Kolhapur on 30th August 2024.

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.



Prof. R. G. Mevekari has organized two days' workshop on “Cadence tool training” for final year B.Tech students and faculty. The workshop was conducted on 8th and 9th August 2024 by Mr. Pulivarthi Rajendra, Application Engineer at Entuple Technologies Pvt Ltd



Prof. S. R. Khedkar has organized Two Days Faculty - Industry Interaction Program on 6th and 9th September 2024. The resource persons were, Mr. Samarth S. Kulkarni and Mr. Sandesh from Edgate Technologies Pvt. Ltd and Mr. Chidambar S. Kulkarni from TMI systems.



Prof. R. G. Mevekari has organized webinar for SY and TY students in association with Maven Silicon on 18th September 2024. Webinar was taken by Ms. Shruti and Ms Sindhuja from Maven silicon.

Patents:

1. Mrs. D. R. Chavan filed a design patent on “AI-POWERED SMART APPLIANCE MONITOR” on 5th July, 2024.
2. Dr. S. D. Ruikar filed a patent on “DUAL-BAND MIMO ANTENNA” on 12th July, 2024.

Publications:

1. Dr. S. D. Ruikar presented a paper on “Development of Wide band Multi-Band four Element MIMO Antenna for Milimeter Wave” in the 5th International conference on data science and applications (ICDSA 24) Malviya National Institute of Technology, Jaipur on 17th to 19th July, 2024.

Students Achievements:

1. Mr. Ninad Kulkarni, Final Year B. Tech. Electronics Student, appeared for the maths test (July 2024) in College Student category and got selected in top 20 students for the interview round of ANMC competition.
2. Ms. Amodinee Nagrale from Final Year B. Tech. Electronics Student, successfully completed and certified for Summer Internship at Siemens, Pune during 3rd June to 31st July 2024.
3. Mr. Ritesh Jha from TY electronics participated in Flipkart grid 6.0, software development category with team Ashwathama and cleared round 1 by competing from participant all around India on 10th August 2024.
4. Ms. Swapna Samant, Ms. Samruddhi Salunkhe and Mr. Junaid Patil from SY B. Tech participated in Navdhara project competition at Pcooe, pune. They had built a hardware solution for Smart Agriculture and also got a Consolation prize of Rs. 1000/-

Faculty Achievements:

1. Mr. S. K. Parchandekar attended FDP on “Drone Technology” organized by Garuda Aerospace start-up, at Chennai during 8th - 12th July 2024.
2. Mrs. N. S. Babar attended online MathWorks webinar on “Connect to low-cost hardware” on 20th July 2024.
3. Doctor of Philosophy degree is awarded to Ms. R. S. Gaikwad on 16th August 2024.
4. Mrs. D. R. Chavan registered copyright for “Fire Hawks Optimized Radial Basis Function Neural Network Based Feature Extraction and On/Off Detection of Household Appliances for Nilm” on 20th August, 2024.
5. Dr. Mrs. A. A. Agashe has been recognized as a PhD guide by Shivaji University, Kolhapur.
6. Prof. N. V. Marathe participated in AICTE Consultation Workshop on Draft Faculty Regulations - 2024 at COEP Technological University, Pune on 6th September 2024.
7. Dr. S. G. Tamhankar has been recognized as a PhD guide by Shivaji University, Kolhapur.

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.

Major Department Activities:



Dr. A. R. Surve organised and coordinated for 2 days workshop In association with Marathi Vidnyan Parishad, Mumbai under Community Engagement Program NEP course" on 24th and 25th August 2024, at WCE, Sangli in CSE Mini CCF, Total 132 students from SY CSE & Willingdon College attended the workshop.

Publications:

1. Ms. Prajakta Patil, Dr. M. A. Shah, Ms. Sonali Rokade, Mrs. A. M. Chimanna presented research paper titled "Enhancing Sentiment Analysis Accuracy in Restaurant Reviews: A Comprehensive Machine Learning Approach" in 4th National Conference on Innovation in Engineering and Technology -NCIET 2024 and UGC Journal on 30th July 2024.
2. Mrs. Manisha Dabade and Dr. A. R. Surve presented research paper entitled "Fatigue and Drowsiness Detection using CNN" in 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) (13th to 15th June 2024).
3. Nurain Aanis Sayyad, Dr. A. R. Surve published research paper entitled "Machine Learning Applications in Prognostic Modelling for Autism Spectrum Disorder: A Comprehensive Review" in IJIRCE, Volume 12, Issue 9, September 2024. DOI: 10.15680/IJIRCE.2024.1209007

Students Achievements:

1. Aradhya Pitlawar Final Year B. Tech. CSE along with his teammate is National winner of Silicon Valley Immersion Campaign. SVIC, a national campaign for 4 months, received 25,000 registrations from 6000 colleges across India. The campaign narrowed to total 20 finalists competing in teams of 2 after rigorous selection. The grand finale concluded at AICTE HQ New Delhi determining top two teams who won cash prizes worth 4lacs and fully funded trip to Silicon Valley, USA.
2. Paras Wane (Final Year CSE) & team clinched 1st prize at the VSM Hackathon 2024 held on 30th June 2024 organised by Vidyadaan Sahayyak Mandal (VSM), Thane.

Faculty Achievements:

1. Dr. A. R. Surve attended a BoS meeting as Academic Expert in CSE and AI & DS Department of DKTE's Textile & Engineering Institute, Ichalkaranji on 3rd July 2024.
2. Dr. A.R. Surve attended Departmental Academic Advisory Board (DAAB) meeting at SIT College of Engineering, Yadrav on 9th September 2024.
3. Dr. Mrs. M. A. Shah received recognition as a Research Supervisor for PhD in Shivaji University, Kolhapur on 9th September 2024.
4. Dr. Mrs. M. A. Shah attended BOS meeting at Department of Artificial Intelligence and Data Science, Vishwakarma Institute of Technology, Pune on 13th September 2024.

FDP attended

1. Mrs. L. V. Patil attended two-week AICTE ISTE approved STTP on "Recent Trends in AI, ML & IOT" organized by Department of E & TC Engineering, SKNCOE, Pune from 12th June to 25th June 2024.
2. Mrs. L. V. Patil attended online one week 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 from 17th June to 21st June 2024.
3. Mr. A. A. Urunkar, Ms. N. L. Mudegol successfully completed online one-week FDP on "Explainable AI in Healthcare" organized by JIS College of Engineering Kalyani, Maharashtra from 1st July to 5th July 2024.
4. Mrs. A. M. Chimanna successfully completed AICTE evaluated 2-week patent course organised by Turnip Innovations, Kolkata from 2nd August to 15th August 2024.
5. Ms. A. A. Pawde successfully completed 1-week international FDP on "AI for sustainable development" organised by VIIT, Pune, region 10 Humanitarian technology activities, IEEE Pune section, IEEE Pune section SIGHT group, IEEE Pune section SIG on Energy and Environmental Engineering and IEEE VIIT Pune branch from 5th August to 9th August 2024.
6. Ms. N. L. Mudegol completed one-week online course on AI/ML for Geodata analysis organised by Indian Institute of Remote sensing Deharadun from 19th August to 23rd August 2024.
7. Ms. A. A. Pawde, Mr. A. A. Urunkar attended 1-hour session on "Interpreting Turnitin's Similarity and AI writing report" conducted by Turnitin India Private Limited on 22nd August 2024.
8. Ms. N. L. Mudegol, Mr. A. A. Urunkar, Ms. A. S. Pawar, Mrs. S. A. Aitwade, Ms. A. A. Pawde successfully completed 1-week STTP on "Innovative AI tools for research excellence: A Hands-on STTP for effective Writing & Data Visualization" jointly organized by Dept. of Computer Engg., Guru Govind Singh college of Engineering & Research Centre, Nashik & RSP Science Hub, Coimbatore, Tamilnadu from 26th August to 31st August 2024.
9. Dr. A. R. Surve, Mr. Omarsharif Terdalkar successfully completed 1-week FDP on "IOT & Ubiquitous Computing for emerging technical applications" organised by Vidyalankar polytechnic from 26th August to 30th August 2024.
10. Ms. N. L. Mudegol Participated in IEEE Authorship and Open Access Symposium: Tips & Best Practices to get published from IEEE editors on 4th September 2024.
11. Mrs. M.S. Dabade participated in 5 Days International symposium on "Niche areas of sustainable development" organised by PVG's COET & GKPIOM, Pune, In Association with IEEE Pune Section, Energy Swaraj Foundation, Center of Sustainable Development (GIPE) from 2nd September to 6th September 2024.

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:



Dr. Mrs. S. P. Sonavane recognition as “Prof. Indira Parikh 50 Women in Education Leaders” by World Education Congress on 11th July 2024

Publications:

1. Prof. Dr. S. P. Sonavane’s paper was accepted for Scopus publication with Final year IT UG students on 19th July 2024.
2. A. P. Patil published a paper “Detecting and Removal of Silent Segment from an Audio Signal” in International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 19, Number 2 (2024), PP 103-107.
3. A. J. Umbarkar, S.S. Solapure, Ashish Kyasari and Nirmal Chattoo published paper titled ‘Blockchain-Based Healthcare Management Systems: A Survey’ in 9th International Conference on ICT for Sustainable Development, and published by Springer LNNS. ISSN: 2367-3370 on 8th August 2024.
4. AHP based technical, economic and environmental impact analysis with optimal DG placement in radial distribution network, Surender Singh, Ganesh Prasad, Ravindra Rathod, Sanjay Kumar, International Journal of Applied Power Engineering (IJAPE), Sept 2024

Students Achievements:

1. Shreyash Suresh Pawar has completed 12 week NPTEL course on “Programming in JAVA” for period Jan-Apr 2024.
2. Walchand Linux Users’ Group was conducted a national level event “LinuxDiary 5.0” at WCE, Sangli, on 10th and 11th August, 2024.

Faculty Achievements:

Workshop/NPTEL/Training:

1. Dr. S. P. Sonavane worked as resource person for FDP on “Outcome based Education” at SIT COE, Ichalkaranji on 5th June 2024.
2. Ms. M. B. Shinde, Dr. Mrs. A. P. Patil has been participating in the NEP 2020 Orientation & Sensitization Programme (Online) Organized by Malaviya Mission Teacher Training Centre (MMTTC) Coimbatore Institute of Technology on 10th -19th June 2024.
3. Dr. U. B. Chavan was completed FDP on “Augmented Reality and Virtual Reality (AR-VR)” at DYP, Kolhapur on 24th – 29th June 2024.
4. Mr. M. B. Narnaware has completed NPTEL online Workshop on AI for Singal Processing on 6th July 2024.
5. Ms. M. B. Shinde has completed 5 days’ National level FDP on “Intellectual Property Rights and Filing procedures” Organized by IPR cell, CMR Institute of Technology, Bengaluru on 19th-27th June 2024.
6. Dr. Mrs. S. Solapure completed online FDP on “AI/ML for Signal Processing and IoT Applications” at NIT Warangal from 16-25th July 2024.
7. Dr. Mrs. A. P. Patil participating in 5 days’ National level FDP on “Intellectual Property Rights and Filing procedures” Organized by IPR cell, CMR Institute of Technology Bengaluru on 10-19 June 2024.

Guest Lecture delivered:

1. Mr. M. B. Narnaware delivered the expert lecture in engineering college on Auto Encoders 29 Aug. 2024.

Achievements:

1. Dr. S. P. Sonavane recognition as “Prof. Indira Parikh 50 Women in Education Leaders” by World Education Congress on 11th July 2024.
2. Dr. A. J. Umbarkar submitted Indo-Taiwan joint research project proposals 2024 titled “Holistic Optimization of Design, Manufacturing, and Supply Chain with Predictive Maintenance ”.
3. Mr. M. G. Rathi has secured “2nd position in Poster Presentation during 2nd Annual Research Symposium” organized by IIIT Nagpur from 29th July to 2nd Aug. 2024.

Other:

1. Dr. A. J. Umbarkar attended the BOS meeting of CSE Department at RIT Sakharale on 19th June 2024.
2. Dr. Mrs. S. S. Solapure selected as a Technical Program Committee (TBA) member for 2024 IEEE CSR Workshop on Cyber Forensics and Advanced Threat Investigations in Emerging Technologies (CFATI)-Hybrid event that will be held at Hilton London Tower Bridge from 2 to 4 September 2024.
3. Dr. Mrs. S. S. Solapure participated in International Yoga day with Habuild on 21st June 2024.
4. Dr. A. J. Umbarkar attended the BOS meeting of Data Science Department at DYPES- deemed to be university Kolhapur, on 6th July 2024.
5. Dr. Mrs. S. P. Sonavane was invited as External academic auditor at SIT Yadrav on 9th July 2024.
6. Dr. Mrs. S. P. Sonavane attended the BOS meeting at DYP Kolhapur on 6th July 2024.
7. Dr. R. R. Rathod worked as reviewer for 2nd IEEE International Conference scheduled on 29-30 Nov 2024 organized by DMI-HER, Wardha.
8. Mr. M. B. Narnaware have conducted event for IIT Madras team under AI Bharat at WCE Sangli on 16th Aug. 2024.
9. Mr. M. B. Narnaware has coordinated the Indian knowledge system (IKS) activities at WCE Sangli
10. Mr. M. B. Narnaware has coordinated the lecture capture system (Impartus) and smart classroom activity activity at WCE Sangli
11. Dr. A. J. Umbarkar attended the BOS of AI/ML meeting at SITCOE Yadrav on 6th Sept.24
12. Mr. M. B. Narnaware has been appreciated for support in ASR Data collection by IIT Madras on 27th Aug 2024.
13. Dr. A. J. Umbarkar is assigned with additional responsibility of Associate Dean, Research and Development from 30th Aug. 2024.
14. Dr. A. J. Umbarkar Worked as an internal UG Academic Auditor for CSE Dept on 30th Aug. 2024.
15. Dr. U. B. Chavan Worked as an internal UG Academic Auditor for Electrical Dept on 30th Aug. 2024.
16. Dr. A. J. Umbarkar received IEEE membership certificate for Associate Member in good standing through December 2024, denoting a personal and professional commitment to the advancement of technology.
17. Dr. A. J. Umbarkar and Dr. U. B. Chavan are members of Institutional Avishkar Expert Committee (IAEC).
18. Dr. P. K. Kharat has received recognition for Research Supervisor for Ph.D. for Computer Science and Engineering subject on 9th Sept. 2024.
19. Dr. Mrs. S. S. Solapure (Outreach Coordinator) of WCE Nodal Center has demonstrated and practical lab session of virtual lab conducted on 30th Aug. 2024 at PVPIT, Budhgaon.

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. This department has a rich tradition of carrying out a large amount of consultancy work in the field of structural engineering.

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:

Dr. P. K. Sohoni & Shri. A. S. Patane has visited Avani Industries, Span Fasteners, Shirolji, Kolhapur (Owner Mr. Nikhil Vaze – Alumni WCE) along with two M. Tech Students to have collaboration on a project related to fasteners.

Patents:

1. Mr. A. S. Patane - GRAIN SUCTION & SCREENING MACHINE, Application No. 419277-001, Date of Patent Filing: 07/06/2024, Date of Publishing: 24/07/2024.

Publications:

1. Digambar Patil & Dr. S. B. Kadam has published a paper titled "Assessment of Hydrological Pressure of Concrete Bridge Pier considering Fluid-Structure Interaction" in Journal of Performance of Constructed Facilities of ASCE.

Students Achievements: (include awards, competitive exam results etc.)

1. The Pre-submission Seminar of PhD Thesis of Mr. Nikhil Bembade is conducted on 30/07/2024.
2. The Pre-submission Seminar of PhD Thesis of Mr. Digambar Patil is conducted on 05/08/2024.

Faculty Achievements:

1. Dr. C. B. Pol has participated as a BoS member in Civil Engineering Department of SVRI's College of Engineering Pandharpur on 21/06/2024.
2. Dr. P. K. Sohoni was invited as a member of review committee for international conferences on Technological Innovations in Multidisciplinary Engineering and Sciences-2024 to be organized by the NorthCap University Gurugram, on 02/06/2024.
3. Shri. A. S. Patane has participated in a One Week National e-Workshop on "Innovation & Intellectual Property Rights (New IPR -2024)" organized by CSIR-Institute of Minerals Materials Technology, Bhubaneswar, India from 24th June to 29th June 2024.
4. Dr. C. B. Pol has worked as a paper setter for PhD Entrance Examination of Civil Engineering, Solapur University from 19/06/2024 to 06/07/2024.
5. Dr. P. K. Sohoni has worked as reviewer for Practice Periodical on Structural Desings and Construction Journal of ASCE on 06/07/2024.
6. Dr. S. B. Kadam has worked as a resource person and delivered expert lecture on "Health Monitoring of Bridges" in one Week online FDP "Advances in Civil Engineering" conducted by Civil Engineering Department, PVPIT, Budhgaon, 22-26 July 2024.
7. Dr. R. S. Desai attended FDP Malaviya National Mission – Teacher Training Programme NEP orientation & Sesityation Programme 18-26, July 2024.
8. Shri. A. S. Patane has attended one Week online FDP "Advances in Civil Engineering" conducted by Civil Engineering Department, PVPIT, Budhgaon, 22-26 July 2024.

9. Dr. P. K. Sohoni worked as a reviewer of the paper "An Extensive Review on Effective Utilization of Ceramic Waste Towards Sustainable Concrete" for a conference "Technological Innovation in Multidisciplinary Engineering and Sciences - TIMES 2024 (A Springer Book Series) on 05/08/2024.
10. Shri. A. S. Patane has successfully completed the AICTE Evaluated 2-Week Patent Course organized by Turnip Innovations from 1st August to 14th August 2024.
11. Shri. A. S. Patane has completed One Week online FDP "Advancing Research & Innovation: Strategic Implementation of NEP, Autonomy and IPR Development" conducted by Civil Engineering Department, Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering Nashik, 03rd – 07th September 2024.

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 Year Additional intake was sanctioned for 2 Courses CSE and I.T. and New courses increased with name Robotics and Automation and AIML. 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, Environmental Science, OE-1, OE-3, Account and Finance, German 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.

Major Department Activities

1. On 21st June 2024. 7th Board of studies meeting was completed for the courses offered by HS dept.
2. Mrs. V.B. Girgaokar was retired on 2nd August 2024.
3. Faculty members participated in admission process of 2024-25.

Patents:

1. Dr. Bashir Najir Jamadar 2. Prof. Dr. Uday Anna Dabade 3. Prof. Anil Anandrao Powar 4. Miss. Bushara Bashir Jamadar has been granted a Design Patent for "AUTOMATIC RAILWAY GATE CONTROL DEVICE" Design No 422729-001 Date: 09/07/2024
2. Dr. Bashir Najir Jamadar has been granted a Design Patent for "PWM DEVICE FOR INDUCTION MOTOR". Design No 422728-001 Date: 09/07/2024
3. Dr. Aniruddh Arun Mohite 2. Mr. Kiran V. Madhale has been granted a Design Patent for "LPG GAS SENSOR". Design No 421317-001 Date: 26/06/2024

Publications:

1. Dr. Rutikesh Pandit Gurav has published Research Article in the journal of "Journal of Organometallic Chemistry", Elsevier Publication on 31 August 2024.

Faculty Achievements



On the occasion of Guru Purnima, Anil Powar awarded with Bhartiya Guru Gaurav samman for the Best Teacher from Utthan Foundation, NGO

1. Mr. A.A. Powar: Attended BOS on 20/7/2024@ TKITE, Warnanager
2. Mr. A.A. Powar: Resolving Scrutiny Centers Query as per request to RIT, KIT, ADCOE, SBGI & WCE
3. Mr. A.A. Powar: Counselling admission process, rules any doubts, Visitors @ WCE
4. Mr.Kiran Madhale Completed the Five Days Hands on Training Workshop Fabrication and Characterization of Materials Organized by Yashwantrao Chavan Institute of Science Satara During 10 to14 June 2024
5. Mr. S.R. Dodla completed the International Online FDP on 'Data Visualization and Analytics' with Excel, Power BI, Tableau and Generative AI organized by the PG Department of Computer Applications and IQAC of Marian College Kuttikkanam in association with IPSR solutions limited and Valin - UK, USA and Canada, from 05 to 11 July 2024.
6. Dr S B Joshi attended a meeting of the Faculty of Science & Technology on 17/08/2024 at 12.30 pm in Shivaji University, Kolhapur.
7. Dr S B Joshi attended a meeting of BOS in Mathematics on 22/08/2024 at 12.30 pm in Shivaji University, Kolhapur

Polytechnique Wing Activities

Name of PW Department: CIVIL ENGINEERING DEPARTMENT



A guest lecture has been arranged on 18/09/2024 by Mr. Abhishek Gawande on Transportation & its infrastructure & higher education prospects in Australia.



A guest lecture has been arranged on 18/09/2024 by Dr. Uday Phatak, PCERF Pune on Selection of Research Areas for Final Year Projects



An Industrial visit has been arranged on 03/09/2024 and 13/9/2024 by HP Kulkarni, PCERF at WCE Sangli (Rooftop Solar Plant)



Workshop on "Total Station" was organised on 20-21 Sept 2024 for SY Civil Diploma and SY Civil B. Tech Students. Activity Coordinator – Dr P G Sonavane (Degree) and S V Chikurde (Diploma) The workshop was conducted by M/S Vitrag Consulting Services, Shirol

Students Achievements:

1. Atharv Mirajkar, Shriram Waghmode, Rushikesh Patil have participated at District level Athletics (5 km running) organised by Ajit Marathon on Aug 2024

Faculty Achievements:

1. Mr. H P Kulkarni has attended industrial training organised by MSFDA, Pune at IoFC, Asia Plateau, Panchgani from 02 to 06/07/2024 and topic was, 'Ethics and Values in Higher Education.'
2. Mr. H P Kulkarni has attended industrial training organised by MSBTE at NITTTR Bhopal, from 12 to 16/08/2024 and topic was, 'Orientation Programme- Essence of Indian Constitution.'
3. An Industrial visit has been arranged on 30/07/2024 by N N Kamble, PCERF at WCE Sangli (Component parts of road)

Name of PW Department : ELECTRICAL ENGINEERING DEPARTMENT

About Department: Through its long existence since 1955, Electrical Engineering Department of Walchand College of Engineering, Sangli has earned a great reputation and has become well known not only in our country, but also in the world through his alumni spread across the length and breadth of the globe. The Department was the second to be established in 1955 after Civil Engineering in 1947. Electrical Engineering is one of the core fields of engineering, so it is always evergreen in terms of scope and job prospects and is the heart of whole engineering disciplines. In this department, we have developed a distinct style and method bridging the theory – practical gap while remaining grounded to the core.

Major Department Activities:



The new Motor Control Centre (MCC) panel, meticulously designed by Shri. A. S. More with guidance from Shri. J. Y. Mane and developed by our dedicated third-year Electrical Engineering students, has been officially handed over to Dr. D. S. More, Head of the Electrical Engineering Department (Degree Wing). on August 20, 2024.



On September 5, 2024, department celebrated Teachers' Day organized by students.

Faculty Achievements:

1. Dr. S. S. Kambale has attended FDP organised by Vidyalankar Polytechnic, Pune from 26th August 2024 to 30th August 2024 on "IOT and Ubiquitous Computing for Emerging Technical Applications."
2. Mr. Y. A. Makandar has attended ISTE Approved FDP organised by RWMCT's Dnyanshree Institute of Engineering and Technology, Sajjangad Road, Satara from 19th August 2024 to 23rd August 2024 on "Applications of Power Electronics in Electrical and Electronics Engineering" in Online mode

Name of PW Department: MECHANICAL ENGINEERING DEPARTMENT

Major Department Activities:



A guest lecture has been arranged on 30/08/2024 by Mr. Ravi Jorigal on Piping Design. Content included the piping design, construction, operation, and maintenance of various piping systems involve understanding of piping fundamentals, materials, generic and specific design considerations, fabrication and installation, examinations, and testing and inspection requirements.

Students Achievements:

1. TY students Ayush Kulkarni and Varad Killedar have presented paper at state level technical paper presentation competition for topic 'Industry 4.0' which has been arranged by MSBTE at SVPM's Institute of Technology and Engineering, Malegoan, Bara-mati.

Faculty Achievements:

1. Mrs. Anuya G Londhe, Phd registered - 2023-24 at Shivaji University Kolhapur. Project Topic - Battery thermal management.

Name of PW Department: INDUSTRIAL ELECTRONICS DEPARTMENT



Alumni Mr. Nilesh Dhole, Infosys, USA delivered a **guest lecture** for the benefit of TY students on "Soft Skills & Personality Development" for final year students of Industrial Electronics at Walchand College of Engg. Sangli on 13rd August 2024.



Alumni Mr. Nilesh Dhole, Infosys, USA delivered a **guest lecture** for the benefit of TY students on “Career Development and Industry Trends in Information Technology Sector” for final year students of Industrial Electronics at WCE. Sangli on 14th August 2024

Patents:

Dr. Anil A. Agashe was granted patent on “Contactless Sanitation System” by India Patent Office.

Publications:

Ms. Shreyasi U. Patil has published paper titled “Review on Electric Vehicle”, International Journal of Current Science, volume 14, and Issue 2 of June 2024 | ISSN: 2250-1770

Ms. Shreyasi U. Patil has published paper titled “A Short Review of Artificial Intelligence”, International Journal of Creative Research Thoughts, Volume 12, Issue 6 of June 2024 | ISSN: 2320-2882

Faculty Achievements:

1. Online Training cum Orientation Program on “Essence of Indian Constitution” was held between 12th –16th August 2024, sponsored by MSBTE, Mumbai was attended by Dr. Vinayak V. Sulakhe.
2. Mr. Sachin U. Chavan and Mr. Nitin S. Narayankar have registered for PhD program in Electronics Engg. in Shivaji Uni. Kolhapur.

Name of PW Department: HUMANITIES AND SCIENCE



Address program was arranged for newly admitted first year diploma students on 2nd September 2024, Monday at 11am in the Tilak Hall.

Hon. I/C Director sir Prof. Dr. U.A. Dabade chaired the event. The program started with the introduction by Mr. S.V. Kamble. Dr. B.B. Vhankhande gave a welcome speech. All HODs Shri. H. P. Kulkarni (Civil), Shri. A.V. Kamble (Mechanical), Shri. J. Y. Mane (Electrical), and Prof. Dr. V. V. Sulakhe (Industrial Electronics) introduced their department respectively. Vice Principal Shri. A. V. Kamble guided all students and parents.

The program ended with the vote of thanks by Miss. P. D. Khichade. At the end all students lead by senior volunteer students for the campus visit.

Patents:

Name of Faculty: Dr. Balasaheb B. Vhankhande (Selection Grade Lecturer in Physics) Title of the Project: SOLAR – POWERED SMART STREETLIGHT

Publications:

Mrs. Poonam S. Suryawanshi – Published a Research Paper on “Role of Mobile Apps in Learning a Second Language and Foreign Languages” in the National Conference and UGC Care list approved Journal (July2024)

Faculty Achievements:

Shahin R. Pinjari : Attended International FDP on “ Data Visualization and analytics with Excel, Power BI, Tableau and Generative AI (05/06/2024 to 24/06/2024)

Miss Poonam D. Khichade : Attended one week National Level online FDP on “ Outcome Based education and Application of Generative AI in Teaching and Research” (24/06/2024 to 31/06/2024)

Sujata M. Jadhav – Qualified SET exam. (August 2024)

Student Club Activities

PACE (WALCHAND LINUX USERS' GROUP)



WALCHAND COLLEGE OF ENGINEERING, SANGLI
WALCHAND LINUX USERS' GROUP

LINUXDIARY 5.0

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Mr. Yash Patil, President, Walchand Linux Users' Group | Dr. M. A. Shah, HOD Computer Science and Engineering | Dr. R. R. Rathod, HOD Information Technology | Dr. A. J. Umbarikar, Staff Advisor, Walchand Linux Users' Group | Dr. A. P. Surve, Staff Advisor, Walchand Linux Users' Group | Dr. U. A. Dabade, I/C Director, Walchand College of Engineering

LinuxDiary 5.0” was a national event hosted by the Walchand Linux Users’ on 10th and 11th August, 2024. This two-day event featured four comprehensive sessions, covering topics from the fundamentals of Linux to networking in Linux. The primary goal was to promote Linux education and cultivate a vibrant community of Linux enthusiasts, ranging from beginners to professionals

(WCE ACM STUDENT CHAPTER)



On August 3, 2024, the ACM Talks session titled 'Transforming Climate Challenges into Startup Opportunities' commenced at 4 PM in Tilak Hall, organized by the WCE ACM Student Chapter. Mr. Ronak Sutaria, a respected figure in the field of environmental technology, then took the stage to share his invaluable insights. He eloquently discussed how environmental challenges can be transformed into lucrative startup opportunities, drawing from his extensive experience with Respiro Living Sciences .

WCE in News

वालचंद अभियांत्रिकीतील नोकरी मेळाव्यात दोन हजारावर तरुणांना रोजगार बजरंग पाटील यांच्याकडून आयोजन

केसरी वृत्तसेवा
सांगली:वालचंद अभियांत्रिकी महाविद्यालयाचे माजी विद्यार्थी व शिक्सेना ठाकरे गटाचे नेते बजरंग पाटील यांच्यातर्फे वालचंद अभियांत्रिकी महाविद्यालय येथे रविवारी झालेल्या क्यू. जी. पी. आर. नोकरी मेळाव्यास चांगला प्रतिसाद मिळाला. जवळपास सात हजार इच्छुक उमेदवारांनी हजेरी लावली. त्यातील दोन हजार युवकांची विविध कंपनीत विविध पदावर नियुक्त्या दिल्या. सांगली जिल्ह्यातील दोन हजार बेरोजगार युवकांना रोजगार मिळवून देण्याचे काम या मेळाव्याच्या माध्यमातून झाल्याची माहिती मेळाव्याचे संयोजक बजरंग पाटील यांनी आज दिली.

मेळाव्यासाठी राज्यभरातून अनेक नामांकित कंपनी साहभागी झाल्या होत्या. मेळाव्याच्या उद्घाटन हिंदुस्थान एरोनॉटिक्स कंपनीचे संचालक दीपक शिंदे, वालचंद महाविद्यालयाचे प्राचार्य उदय

मेळाव्यासाठी वित्तस बँक, रिलायन्स निऑन, अह्मिदा इंडस्ट्रीज, बजाल ऑटो, हिंदुस्थान लॉन्स, बालाजी ऑटो, टेकसॉल, आरिष मोटर्स, चयसस्त फाउंड्री, महाबळ पाउंड्री, धनमकाश इंडस्ट्री, मेकॅट्रीक इंडस्ट्री यासार अनेक नामांकित कंपन्या सहभागी झाल्या होत्या. कर्मचाऱ्यावर्तीने सुविधित बेरोजगारांच्या मुलाखती घेतल्या. त्यातून योग्य उमेदवारांची निवड करून त्यांना नियुक्ती देण्यात आली. दोन लाखपारून साडेसात लाखापर्यंत वेतनाचे पॅकेज युवकांना मिळाले. सांगली जिल्ह्यातील सुविधित बेरोजगार युवकांच्यात आनंदाने वातावरण निर्माण झाले होते. क्यू. जे. पी.आर. ग्रुपचे मास्ती गायकवाड व पवन कुमार मालू यांच्या सहकाराने हा मेळावा यशस्वी करण्यात आला.

संयोजक बजरंग पाटील प्रास्ताविकात म्हणाले, दोन हजारांवर अधिक जणांची आज्ञेबाबतची पद्याभरणी झाली. त्यांच्या जीवनाची कारकीर्द सुरू झाली. पुणे, बंगळूर सारख्या मोठ्या शहरात जितक्या पगाराचे पॅकेज मिळते, त्याच्या तोंडीस तोंड सांगलीतही मिळू शकते, हे मेळाव्याने सिध्द केले. प्रत्येक वर्षी नोकरी महामेळावा घेऊ, असा निर्धार व्यक्त केला.

दबडे, उद्योगपती श्रीनिवास पाटील, रमेश आर्याडे, भाजपच्या नेत्या नीता केळकर, शेखर इनामदार, शिवसेनेचे जिल्हा संघटक दिगंबर जाधव, शिवसेना महिला आघाडीच्या संघटिका मनिषाताई पाटील, शहर प्रमुख विराज बुटाले, समृद्धी इंडस्ट्रीजचे स्माकांत मालू, सांगली मिरज कुपवाड चेंबर ऑफ कॉमर्सचे सतीश मालू, तुकाराम बाबा बागडे उपस्थित होते.

2024.08.20 Kesari Pg. No. 03

रोजगार मेळाव्यात दोन हजार युवकांना मिळाल्या नोकऱ्या

अभियांत्रिकी महानिद्यालय येथे रविवारी झालेल्या क्यू. जी. पी. आर. नोकरी मेळाव्यात बोलताना शिक्सेना (ठाकरे गट) नेते बजरंग पाटील.

जन्मप्रवास । सांगली वालचंद अभियांत्रिकी महाविद्यालयाचे माजी विद्यार्थी व शिक्सेना उध्दव ठाकरे गटाचे नेते बजरंग पाटील यांच्यातर्फे वालचंद अभियांत्रिकी महाविद्यालय येथे रविवारी झालेल्या क्यू. जी. पी. आर. नोकरी मेळाव्यास चांगला प्रतिसाद मिळाला. यावेळी सात हजार इच्छुकानी हजेरी लावली होती. तर दोन हजार युवकांची विविध कंपन्यांमध्ये नियुक्ती झाली.

सांगली जिल्ह्यातील दोन हजार बेरोजगार युवकांना रोजगार मिळवून देण्याचे काम या मेळाव्याच्या माध्यमातून झाल्याची माहिती मेळाव्याचे संयोजक बजरंग पाटील यांनी आज दिली.

मेळाव्यासाठी राज्यभरातून अनेक नामांकित कंपनी साहभागी झाल्या होत्या. मेळाव्याच्या उद्घाटन हिंदुस्थान एरोनॉटिक्स कंपनीचे संचालक दीपक शिंदे, वालचंद महाविद्यालयाचे प्राचार्य उदय दबडे, उद्योगपती श्रीनिवास पाटील, रमेश

आर्याडे, भाजपच्या नेत्या नीता केळकर, शेखर इनामदार, शिवसेनेचे जिल्हा संघटक दिगंबर जाधव, शिवसेना महिला आघाडीच्या संघटिका मनिषाताई पाटील, शहर प्रमुख विराज बुटाले, समृद्धी इंडस्ट्रीजचे स्माकांत मालू, सांगली मिरज कुपवाड चेंबर ऑफ कॉमर्सचे सतीश मालू, तुकाराम बाबा बागडे उपस्थित होते.

बजरंग पाटील प्रास्ताविकात म्हणाले, दोन हजारांवर अधिक जणांची आज्ञेबाबतची पद्याभरणी झाली. त्यांच्या जीवनाची कारकीर्द सुरू झाली. पुणे, बंगळूर सारख्या मोठ्या शहरात जितक्या पगाराचे पॅकेज मिळते, त्याच्या तोंडीस तोंड सांगलीतही मिळू शकते, हे मेळाव्याने सिध्द केले. प्रत्येक वर्षी नोकरी महामेळावा घेऊ, असा निर्धार व्यक्त केला. क्यू. जे. पी.आर. ग्रुपचे मास्ती गायकवाड व पवन कुमार मालू यांच्या सहकाराने हा मेळावा यशस्वी करण्यात आला.

2024.08.21 Janprawas Pg. No. 03

विनया गोरे : सांगलीत पुस्तकाविषयी संवादसत्र

भारतीय संस्कृतीमुळेच जीवनाचा पाया भक्कम

लोकमत न्यूज नेटवर्क
सांगली : मूळच्या सांगलीच्या; पण ५० वर्षांहून अधिक काळ अमेरिकेत वास्तव्य केलेल्या विनया गोरे यांचा शक्क करणारा, प्रेरणादायी जीवनप्रवास सांगलीकरांसमोर उलगडला. या दीर्घ जीवनाप्रवासाची कहाणी सांगण्या-या 'विनया गोरे ते विनया गोर' या पुस्तकाद्वारे संवादसत्र चालवून अभियांत्रिकी महाविद्यालयात रंगले. शुक्रेची प्राची गोडबोले यांनी गोरे यांच्याशी संवाद साधला.

गोरे यांनी सांगलीविषयीच्या उत्कट आठवणींनाही यावेळी उजाळा दिला. 'सांगली ते अमेरिका' हा प्रवास उपस्थितांसमोर साकारला. त्या म्हणाल्या, 'अमेरिकेच्या जीवनात एकरूप होतानाही भारतीय संस्कृतीशी पाळेमुळे घट्ट ठेवली. नव्या पिढीमेही आपल्या संस्कृतीचे भान ठेवूनच अमेरिकेत पाऊल ठेवावे. दोन्ही

संस्कृतीमध्ये संघर्ष होणार नाही याची काळजी घेत समतोल साधला, त्यामुळे सांगलीतील विनया गोरे अमेरिकेत विनया गोर म्हणून स्थिरावली. भारतासह अन्य देशांत संशोधन क्षेत्रात वरतव गाजवताना अनेक समस्यांचा सामना करीवा लागला, पण त्यांना जिद्दीने तोंड दिले. युरोप, अमेरिका अस प्रवास केला. माझ्या पुस्तकात याच्या

आठवणी जागोजागी आहेत. जगभरात वरतव गाजवू पाहणाऱ्या भारतीयंसाठी, विशेषतः सांगलीकर नव्या पिढीसाठी तो मार्गदर्शक दस्तावेज ठरेल.

वालचंद महाविद्यालयाच्या निवृत्त प्राध्यापक संघटनेचे कार्यक्रमाचे आयोजन करण्यात आले होते. यावेळी प्रा. श्रीराम कनिठकर, चितळे समूहाचे

गिरीश चितळे, वालचंदचे संचालक डॉ. उदय दबडे, चिंदर कोटीभास्कर, डॉ. दिलीप पटवर्धन, प्रसाद जोग, नितीन सावगावे, डॉ. दिलीप पटवर्धन, डॉ. माधवी पटवर्धन, अनुजा कुलकर्णी आदी उपस्थित होते. गोरे यांनी आत्मचरित्राची मराठी आणि इंग्रजी आवृत्ती नगरवाचनालयासह काही संस्थंना भेट दिली.



2024.08.24 Lokmat Sangli Pg. No. 02

'विज्ञानवारी' कार्यशाळेला प्रतिसाद जवळपास १३२ विद्यार्थ्यांचा सहभाग



सांगली : कार्यशाळेप्रसंगी उपस्थित वालचंद अभियांत्रिकी व विलिंगडन महाविद्यालयातील विद्यार्थी.

प्रतिनिधी सांगली
नवीनतम राष्ट्रीय शिक्षण कार्यक्रम अंतर्गत आणि समुदाय प्रतिबद्धता कार्यक्रमांतर्गत मराठी विज्ञान परिषद मुंबई आणि सांगली यांच्यावतीने वालचंद अभियांत्रिकी महाविद्यालयातील द्वितीय वर्ष संगणक शाखेच्या विद्यार्थ्यांकरिता आयोजित केलेल्या विज्ञानवारी कार्यशाळेला प्रतिसाद मिळाला. वालचंद अभियांत्रिकीत पार पडलेल्या कार्यशाळेला वालचंद व विलिंगडन महाविद्यालयातील १३२ विद्यार्थी व विद्यार्थिनींनी सहभाग घेतला. यावेळी विद्यार्थ्यांनी ८० विविध

विज्ञान प्रयोग स्वतः करून पाहिले. यापुढे प्रशिक्षण घेतलेले विद्यार्थी हे 'युवा विज्ञान प्रसारक' या भूमिकेतून जिल्हातील विविध शाळांमध्ये जाऊन पाचवी ते आठवीच्या विद्यार्थ्यांना प्रशिक्षित करणार आहेत. या उपक्रमासाठी प्रा. डॉ. अनिल सुर्वे आणि सुनील देशपांडे यांनी संयोजन केले. कार्यक्रमासाठी डॉ.एम.ए.शहा, ए.ए.उरुणकर, व्ही.आर.माळी, आर. जी.पुजारी, प्रा. पडल, यश किणीकर आणि वैदिका म्हाटकर यांचेही सहकार्य लाभले. कार्यशाळेसाठी प्रकाश मोडक, सौ.सुचिता भिडे, सौ. अनघा वक्ते, सौ.शुभदा वक्ते आदींनी मार्गदर्शन केले.

2024.08.27 Tarun Bharat Pg. No. 03

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.

Objectives

- 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.