

**COLLEGE OF ENGINEERING & TECHNOLOGY, AKOLA 444104**



**Research and Development Cell**

**"TECHNICAL NEWS LETTER"**

**July-2024 to October-2024**

**Academic Year: 2024-2025**

# **COLLEGE OF ENGINEERING & TECHNOLOGY, AKOLA**



July 2024 to October 2024

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# From Editorial Desk

This technical newsletter is a snapshot of the various activities of different departments. Proper communication plays a vital role in the developments of the institution, this news letter will serve to reinforce and allow increased awareness, improved coordination and integration among all the departments. It provides a platform for exposing the merits and academic achievements of the faculty and students of various departments. This enhances the documentation culture of the institute. I invite all the staff and students to read this technical news letter.

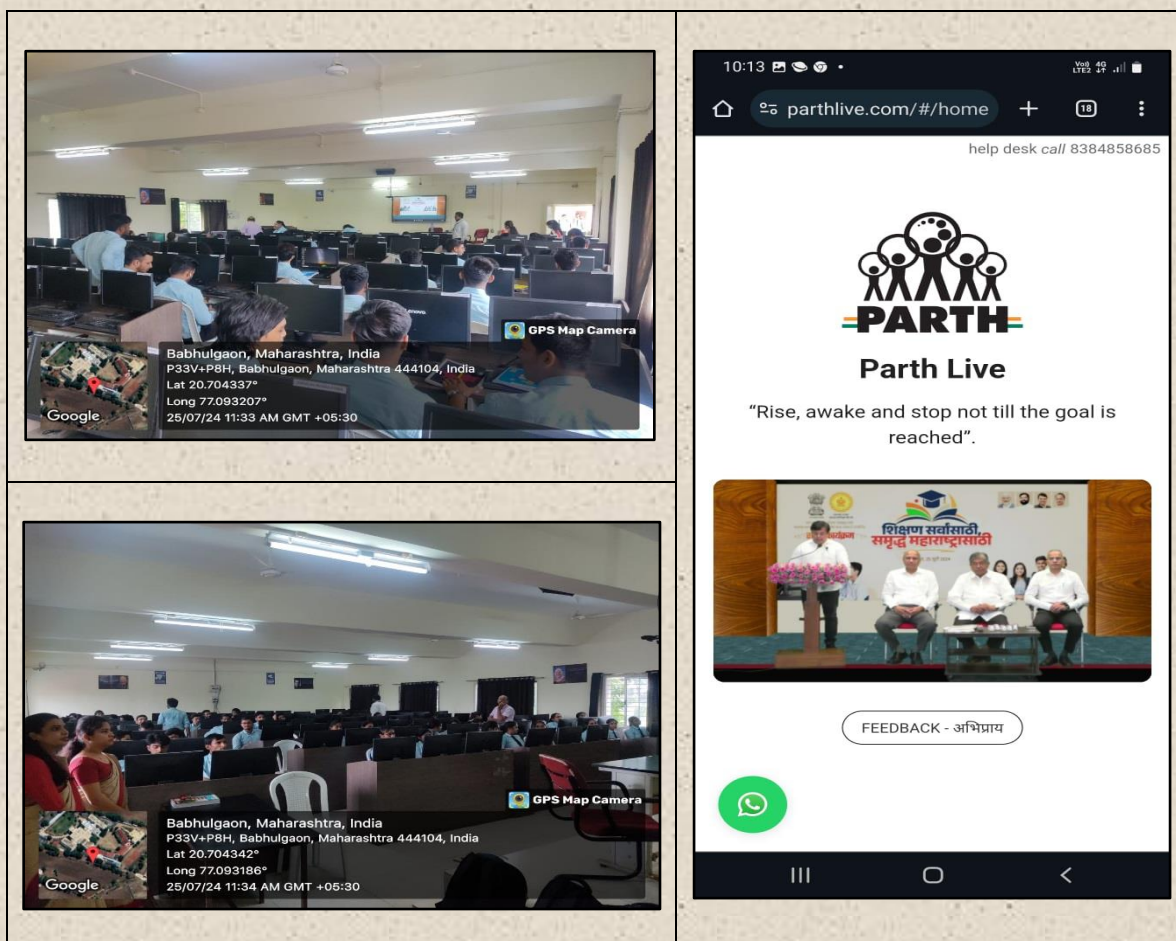
Sincerely

Dr. R. S. Jaiswal



# Department of CSE

- JDRO Amravati conducted online meeting of Hon. Shri Chandrakantdada Patil, Minister-Higher and Technical Education for exploring on various scholarship schemes and benefits recently announced by Government of Maharashtra during 10:00 AM to 12.00 noon on 25th July 2024 (THURSDAY). Nearly 107 students attended the session in Lab 301.



- As per the tradition of CSE department, an “Induction Program for 2<sup>nd</sup> year CSE students”, was organized on Sat 3<sup>rd</sup> August 2024 in lab 301. This year an innovative approach was used to conduct the program regarding two major aspects.

- The immediate seniors’ i.e. 3<sup>rd</sup> year students were actively involved in the program.
- Treasure hunt at the end of program to make students aware of department.

Program anchoring was handled by Mr. Rushikesh Devikar and Ms Snehal Deshmukh. The program began with floral tribute to Maa Saraswati and Dr Bhausahab. Next was floral welcome of dignitaries on dais which included Hon’ Principal Dr. P. V. Thorat, TPO Dr S. K. Agrawal and HoD of CSE Dr. S. L. Satarkar. Introduction of the program and welcome of students to



department was executed by program coordinator Mrs. S. S. Dixit. TPO guided new entrants about various activities related to placement planned for next 3 years. He also briefed them about the requirements and how to fulfill them. Hon' Principal emphasized the need for attending regular academic schedule by the students. He also appealed students to use time efficiently.



Dignitaries on Dais



Participating students and faculties.

## श्री शिवाजी अभियांत्रिकीच्या संगणक विभागाद्वारे इंडक्शन प्रोग्रामचे आयोजन



'इंडक्शन प्रोग्राम' प्रसंगी उपस्थित मान्यवर.

### प्रतिनिधी | अकोला

श्री शिवाजी अभियांत्रिकी व तांत्रिकी महाविद्यालय अकोला बाभुळगाव येथील संगणक विभागातर्फे द्वितीय वर्षाच्या विद्यार्थ्यांसाठी इंडक्शन प्रोग्रामचे आयोजन शनिवार ३ ऑगस्ट रोजी करण्यात आले. साधारण ८० विद्यार्थी यामध्ये उपस्थित होते. प्रथम वर्ष अभियांत्रिकी पूर्ण करून हे विद्यार्थी पहिल्यांदा त्यांच्या निवडलेल्या क्षेत्रात प्रवेश करतात. तर त्यांचे संगणक विभागात स्वागत आणि इथल्या कार्य पद्धतीबद्दल माहिती देणे असे या कार्यक्रमाचे दुहेरी उद्दिष्ट होते.

या प्रसंगी प्राचार्य डॉ. प्रशांत शिरात यांनी विद्यार्थ्यांना मोलाचे मार्गदर्शन केले. ट्रेनिंग अँड प्लेसमेंट ऑफिसर डॉ. सुनील अग्रवाल यांनी विद्यार्थ्यांसाठी प्लेसमेंट संबंधी उपयोगी कार्यक्रमांची माहिती दिली. विभाग प्रमुख डॉ. श्रीकांत सातारकर यांनी विद्यार्थ्यांना यशाची चतुःसुत्री सांगितली. ज्यामध्ये कॉन्फिडन्स, नॉलेज, कम्युनिकेशन स्किल व पर्सनॅलिटी यांचा अंतर्भाव होतो. त्यांनी अधिकाधिक मुलांनी विद्यार्थी संघटनेत सामील व्हावे असे आवाहन सुद्धा

### केले.

अधिकेश देविकर व स्नेहल देशमुख यांनी कार्यक्रमाचे सूत्रसंचालन केले. तेजश्री गावडे आणि समुद्धी पाटेकर यांनी विद्यार्थ्यांची नोंदणीचे कार्य केले. तन्वी अयाचित व कल्याणी बावणे यांनी अभ्यासाचे नियोजन या विषयावर प्रेजेंटेशन केले. आदित्य उमाळे, तन्मय जगताप आणि आर्यन भड यांनी संगीतमय सादरीकरण केले. प्रा. डॉ. संदीप अवचार यांनी विद्यार्थी संघटना 'सीएसई बाईट्स' ची माहिती दिली.

कार्यक्रमाच्या शेवटी विभागाची संपूर्ण माहिती व्हावी या उद्देशाने ट्रेझररेंट या खेळाचे आयोजन सुदेश नेहरे व गौरव पवार यांनी प्रा. ऋतुजा देशमुख तसेच वासंती गौड यांच्या साहाय्याने केले. श्री शिवाजी शिक्षण संस्था अध्यक्ष हर्षवर्धन देशमुख, सर्व कार्यकारी सदस्य, स्थानिक व्यवस्थापन समिती यांचे कार्यक्रम आयोजन करिता मार्गदर्शन लाभले.

आभारप्रदर्शन कार्यक्रम समन्वयक शर्वरी वैश्वित यांनी केले. प्रा. डॉ. रश्मी नॉलेज, कम्युनिकेशन स्किल व पर्सनॅलिटी यांचा अंतर्भाव होतो. त्यांनी अधिकाधिक मुलांनी विद्यार्थी संघटनेत सामील व्हावे असे आवाहन सुद्धा

3<sup>rd</sup> year students Ms. Kalyani Bawne and Ms. Tanvi Ayachit presented the academic road map for next 3 years. They highlighted the role of co-curricular and extra-curricular activities in building individual's personality. Dr. S. A. Awachar gave an enthusiastic presentation related to "CSE-Bytes – The Student organization of CSE department." He encouraged students to broaden their thinking and learn new and recent technologies. He gave details about various activities conducted in department. A short musical show was presented by Mr. Aryan Bhad (2<sup>nd</sup> year), Mr. Tanmay Jagtap (3<sup>rd</sup> year) and Mr. Aditya Umale (4<sup>th</sup> year) Mrs. S.S.Dixit discussed about need of Outcome Based Learning (OBL) with the help of real life examples. HoD, Dr. S.L.Satarkar guided students about various aspects. He gave students a 4-point scheme to be successful. It includes confidence, knowledge, communication skills and personality. He also

highlighted the need for skill development in current changing scenario. He appealed students to join CSE-bytes for their overall development.

To conclude, Treasure hunt was played with four teams from second year students. This was introduced to help students know the department and facilities available in the campus. Student coordinators Mr. Sudnesh Nehare and Mr. Gaurav Pawar along with faculty coordinators Mrs. Rutuja Deshmukh and Mrs. Vasanti Gaud conducted the event. Students enjoyed and started a new educational journey in the department.

Student coordinators Ms. Tejashri Gawande and Ms. Samruddhi Patekar handled student-registration and photography of the event. Dr. Rashmi Taley and Mrs. Priya Tayade also helped to make the program successful.

This program is organized in the department since 2019 and the tradition will continue in future too. The news for the event was published in Newspaper – Divya Marathi on 9/8/2024.

➤ To improve Employability of Maharashtra students: "MaTPO APTITUDE IDOL-2024", an online aptitude competition for First Year to Final Year students of Maharashtra organized by Maharashtra Association of Training & Placement Officers (MaTPO) on 10th August 2024, Saturday from 08:00 am to 07:00 pm in the college .Test Pattern & Syllabus was provided online.



#### MaTPO APTITUDE IDOL-2024

Mr. Vignesh Deshmukh CSE final year, won second price in MaTPO Aptitude Idol Competition (Maharashtra TPO Association) on Maharashtra level. @ 37000 students had participated in the Competition



## Industry Visit to FASAL:

Objectives: To create a holistic ecosystem for encouraging innovation, R&D and entrepreneurship.

Benefits in terms learning: A CoE is a domain- specific specialized incubation facility for start-ups in the area of emerging technologies. Learn about various applications and aspect of science and technology.

Duration of activity: 2 days from 28/08/2024 to 29/08/2024

Number of student participants: 115

Number of faculty participants: 9

- Head of department: Dr. S. L. Satarkar
- Dr. S. A. Awachar
- Prof. K. S. Gilda
- Prof. V.Y. Gaud
- Prof. R. D. Deshmukh
- Prof. A. P. Jaware
- Prof. K. R. Gawande
- Prof. K. S. Khanderao
- Prof. C. K. Mate

**कृषि क्षेत्र में उन्नत प्रौद्योगिकी वाले 'फसल' में इंजीनियरिंग छात्रों की औद्योगिक यात्रा**



**संवाददाता | अकोला**

श्री शिवाजी शिक्षण संस्थान द्वारा संचालित अभियांत्रिकी और तकनीकी महाविद्यालय के कौम्प्यूटर विभाग के छात्रों के लिए 28 अगस्त से 29 अगस्त के बीच कृषि में आइओटी इन एंग्रीकल्चर डा. पंजाबराव देशमुख कृषि विश्वविद्यालय अकोला में एक औद्योगिक यात्रा का आयोजन किया गया। डा. पंजाबराव देशमुख कृषि विद्यापीठ सॉफ्टवेयर टेक्नोलॉजी पार्क ऑफ इंडिया फसल केन्द्र की स्थापना की। यह केन्द्र समग्र पर्यावरण निर्माण, नवप्रवर्तन को प्रोत्साहित करते हैं। कृषि क्षेत्र में आधुनिक आविष्कार के माध्यम से किसानों की विभिन्न समस्याओं को हल करने में मदद करता है। यह उन नए उद्यमियों का भी समर्थन करता है जो इस क्षेत्र में व्यवसाय शुरू करने के लिए उत्सुक हैं। यह यात्रा कृषि क्षेत्र में उपलब्ध प्रौद्योगिकियों के बारे में जानकारी प्राप्त करने और प्रदर्शन करने के उद्देश्य से आयोजित की गई थी। इस दौरान छात्रों को डा. प्रशांत खांडे सीईओ फसल ने विभिन्न स्टार्टअप और एस्टीपीआई सहयोग से मार्गदर्शन किया। साथ ही इस दौरान लीफ ग्रोथ एनालाइजर, 3-डी प्रिंटर, स्पेक्ट्रम एनालाइजर के बारे में मार्गदर्शन और प्रदर्शन दिया गया। पहले दिन तृतीय वर्ष के कुल 90 विद्यार्थी इस मार्गदर्शन से लाभान्वित हुए। उनके साथ डॉ. संदीप अखचार, प्रो. वासंती गौड़, प्रो. अनीता जावरे, प्रो. ऋतुजा देशमुख और प्रो. कल्पना गिल्डा भी थीं। दूसरे दिन 60 विद्यार्थी इस मार्गदर्शन से लाभान्वित हुए। उनके साथ कंप्यूटर विभाग के प्रमुख डॉ. श्रीकांत सातास्कर, प्रो. कल्याणी गावंडे, प्रो. चेतना मते, प्रो. किरण खंडेराव उपस्थित थे। बैठक का आयोजन संस्थान की इनोवेशन काउंसिल की चेयरपर्सन डॉ. रचना जयसवाल के मार्गदर्शन में किया गया। श्री शिवाजी शिक्षा संस्थान के अध्यक्ष हर्षवर्धन देशमुख कार्यकारी सदस्य, स्थानीय प्रबंधन समिति के सदस्य और प्राचार्य पी.वी. थोरात ने कार्यक्रम योजना का मार्गदर्शन किया।

- A workshop was arranged to enhance technical skills in students. A demo and hands-on for following skills is arranged for 2<sup>nd</sup> year students.

Skill	Trainer	Location
Soldering of components	Mr. G.Kothale	Tinkering lab
Use of Multimeter	Dr. S. L. Satarkar	Tinkering lab
CRO	S. S. Dixit	ADE Lab

- We organized a one-day Internal Hackathon 2024 for Smart India Hackathon 2024 on 5th September 2024 at 12.00 P.M in Vishwesharya Hall for aspirants assembling from various departments with a very highly competitive spirit to participate and with the strong determination to include their achievements and accomplishments to their resumes.

The inauguration was done by Hon'ble Chief Guest Dr Prashant Khande Chief Operating officer STPINEXT, center of Excellence FASAL, PDKV Akola who guided students about importance and need of Innovation. Dignitaries present on the dais President of the function Hon'ble Principal Dr P.V.Thorat under whose leadership program was organized, IQAC Coordinator Dr S.K.Patil, Head of Computer Engineering Department Dr S.L.Satarkar, Introductory remarks was presented by SPOC SIH 2024 Dr R.A.Taley.

The anchoring and vote of thanks of the event was presented by Ms Mariya Gandhi 3rd year CSE student. After the formal inauguration of the event students from various departments presented their problem statement and interacted with judges.

The judges for the competition were-

1. Dr R.S.Jaiswal (R & D In charge, C.O.E& T Akola)
2. Dr A.R.Gupta (HOD, Civil Engg, C.O.E &T Akola)
3. Prof. K. U. Deshmukh (HOD, First Year Engg, C.O.E & T Akola)

Total 30 project groups participated and more than 150 students attended the internal Hackathon 2024 event.





Inauguration



Judges

## श्री शिवाजी महाविद्यालयात स्मार्ट इंडिया हॅकेथॉन स्पर्धा



श्री शिवाजी अभियांत्रिकी व तांत्रिकीत स्मार्ट इंडिया हॅकेथॉन स्पर्धेत माहिती देताना विद्यार्थी.

### प्रतिनिधी | अकोला

अमरावती येथील श्री शिवाजी शिक्षण संस्था संचालित अभियांत्रिकी व तांत्रिकी महाविद्यालयात शिक्षक दिनानिमित्त स्मार्ट इंडिया हॅकेथॉन या राष्ट्रीय स्पर्धेचे आयोजन करण्यात आले. स्पर्धेत ३० संघांनी सहभाग घेतला. अद्वितीय संकल्पना, संपाद्य कार्य व्यवहार्यता, स्पष्टता, टिकाव आदी गुणमापकानुसार तज्ञांतर्फे चाचणी करण्यात आली.

श्री शिवाजी शिक्षण संस्थेचे अध्यक्ष हर्षवर्धन देशमुख यांचे मार्गदर्शन लाभले. उद्घाटन समारंभाच्या अध्यक्षस्थानी प्राचार्य डॉ. पी. व्ही. थोरात, प्रमुख पाहुणे म्हणून सेंट्रल ऑफ एक्सलन्सचे डॉ. प्रशांत खांडे, आयक्यूएसी समन्वयक डॉ. एस. के.

पाटील, संगणक विभागप्रमुख डॉ. एस. एल. सातारकर उपस्थित होते. विद्यार्थ्यांना नवनवीन उपक्रमांकरिता सेंट्रल ऑफ एक्सलन्स 'फसल'द्वारे सहकार्य करण्यात येईल असे आश्वासन खांडे यांनी दिले. महाविद्यालयातील विविध शाखेतून ३० नवनवीन इनोवेटिव्ह संकल्पना प्रदर्शित करण्यात आल्या, सुमारे १८० स्पर्धकांनी सहभाग घेतला. स्मार्ट इंडिया हॅकेथॉनचे एस्प्रीओसी डॉ. रश्मी टाळे, तसेच समन्वयक वासंती गौड यांनी कार्यक्रमाचे नियोजन केले. डॉ. आर. एस. जयस्वाल, डॉ. अभिनंदन गुप्ता, प्रा. कल्पना देशमुख यांनी परीक्षण केले. यावेळी विविध शाखांचे विभागप्रमुख, प्राध्यापक व शिक्षकेतर कर्मचारी तसेच मोठ्या संख्येने विद्यार्थी उपस्थित होते.

## ➤ NEC Eureka District Level Startup Pitching Competition in association with Ecell IIT BOMBAY

The competition was organized on 30th September 2024 at C.O.E.T.A. Students showcased their innovative business ideas. The competition provided a platform for aspiring entrepreneurs to gain exposure and valuable feedback.

The event was presided over by the Principal of the college, Dr. P.V. Thorat, and honored by chief guests Mr. Shaileshji Patil (Director of Skipper Engineers, MIDC Akola, Akola) and Kajal Rajvaidya (CEO KITS Smart Technology, Akola). The prizes of the event were sponsored by SK Agro space founder & CEO and IQAC Head Prof. Dr. S.K. Patil, Head of CSE Department Dr. S.L. Satarkar. Prof. Rutuja J. Deshmukh of CSE Department was the program coordinator. Mr. Shaileshji Patil and Kajal Rajvaidya were appointed as external examiners, while Dr. Sachin Agrawal and Dr. Rachana Jaiswal were the internal judges.

Various colleges like Meherbanu College, Khandelwal College and LTR College participated in the competition. The competing students presented their business proposals before the esteemed panel of judges to get selected for the Eureka Zonal round.



The program was conducted by Rutuja Ingole, Tanvi Ayachit and Prachi Bhoyar. E-Cell President Piyush Ghate, Uday Dhanokar, Shreyash Agnihotri, Gunjan Nerkar, Yash Yadav, Vignesh Deshmukh and other students also played an important role in organizing the program.

The first position was secured by Sudnyesh Nehere and Gaurav Pawar for the title "Internet less Education" and were awarded with certificates and cash prize worth Rs. 5000 , the second position was secured by Gaurang Khetan and group for the title "Blend Bot" and were awarded with certificates and cash prize worth Rs. 3000 and the second position was secured by Sadia Sadaf and group for the title "R3Trade" and were awarded with certificates and cash prize worth Rs. 2000. Sudnyesh Nehere and Gaurav Pawar were now shortlisted for Eureka Zonal Round.



## Faculty Achievements:









Dr. S. L. Satarkar	Presented Paper in IEEE International Conference on Distributed Systems , computer networks and cybersecurity ICDSCNC 2024 on 20 and 21 Sep 2024
S.S.Dixit	National Webinar on Nep: Best Practices in research and innovation by Dr Prashant Nair, Coimbatore on 29 July 2024
K.R.Gawande	Course certificate with honors Coursera by IBM on "Databases and SQL for Data Science with Python" held on 8th August 2024 an online course.
K. R. Gawande	One week International Faculty Development Program on " AI for Sustainable Development" from 5th August 2024 to 9th August 2024 organized by VIIT, Pune, IEEE Region 10 Humanitarian Technology activities, IEEE Pune section, IEEE Pune section SIGHT group, IEEE Pune section SIGHT on " Energy and Environment Engineering" and IEEE VIIT Student Branch
V. Y. Gaud	1. (ATAL) AI and Digital Technologies for Sustainable Healthcare and Medical Technologies



	2. (FDP)Niche Areas of Sustainable Development” ISNASD’ 3.(STTP)NEP based Curriculum Framing , Implementation Strategies 4. (one day workshop)IP Awareness/Training program under 5. (FDP)Blockchain Technology: Innovation And Application
K.S. Khaderao	1. AI for Sustainable Development, VIIT,Pune , 5/08/24 to 9/08/24 2. Niche Areas of Sustainable Development PVG’s COET Pune 02/09/24 to 06/09/24 3.National Intellectual Property Awareness Mission(NIPAM) Intellectual Property Office INDIA 13/09/24
Dr. S. L Satarkar Dr. S. S. Agrawal Dr. R.S. Jaiswal Dr.R. A. Taley Dr. S.A. Awachar Dr. V. R. Tripathi Dr.M.K. Deshmukh K.S.Gilda S.S.Dixit A.P. Jaware V. Y. Gaud P. A. Tayade R.J.Deshmukh K. R. Gawande S.A. Bobade M.S.Shegokar K.R. Khanderao	2-week STTP on “NEP based curriculum framing, implementation and pedagogical strategies” on 15 to 26 July 2024

#### Students Achievements:

15 sep 2024	<p>FOLLOWING students received prizes in the "CATCH THEM YOUNG CHALLENGE"</p> <p><b>Technical project competition organized by KITS( Technical institute) &amp; Rotary club east Akola</b></p> <p>1)Rushikesh Devikar &amp; Snehal Deshmukh:- First Prize</p> <p>2) Sanika Kale:- 2nd prize in sharing</p> <p>3) Om Thakare and Ajay Jawanjaal:- 1st in Consolation prize..... Best idea category (Another prize)</p> <p>Rushikesh Devikar&amp; Snehal Deshmukh</p>	
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30 Sep 2024	2nd Prize in <b>Debate Competition</b> by Ms. Mariya Gandhi & Ms. Sakshi Dhawane. <b>At SGBAU youth Festival</b>	
17 Oct 2024	Congratulations to Sudnyesh Nehere, Gaurav pawar, Aditya Umale, Gunjan Mansute, Harshal Belurkar, Kalyani Bawane from CSE department for moving forward to the <b>Zonal Round of Eureka</b> to be held on 3 Nov 2024	     
22 Oct 2024	First Prize UG Category - Engineering and Technology at Avishkar 2024 Sudnyesh Nehere, Gaurav pawar and Gunjan Mansute	



22 Oct 2024	<p>First Prize In UG Category Agriculture and Animal Husbandry at Avishkar 2024</p> <p>Rushikesh Devikar &amp; Snehal Deshmukh</p>	
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# **Department of Mechanical**

## **PATENTS & COPYRIGHTS**

“IOT based device for inspection of Rail Track” published by Dr. S. C. Makwana, Prof. S.R. Thakare, Prof. A.S.Tolmare, Prof. S.P.Dhomane on 22-10-2024. Patent number: 416358-001

## **PAPER PUBLICATION**

1. Dr. S. C. Makwana & Dr. Pankaj Ardak published paper on topic “Comparative Study of Inventory Control Models under Different Parameters” in Indian Journal of technical Education: [www.isteonline.in](http://www.isteonline.in) Vol. 48 Special Issue No. 1 JAN-2025 ISSN 0971-3034

## **STTP Attended:**

Prof. M. R. Pundkar, attended short term training program on “NEP Based Curriculum framing, Implementation & Pedagogical Strategies” conducted by COET, Akola, for the duration 15-07-2024 to 26-07-2024.



# Architecture

**TITLE -CAMPUS INTERVIEW BY SHUNYA CONSULTANTS AKOLA**

**DATE:** 15.06.2024

**VENUE – TRAINING AND PLACEMENT CELL, C.O.E.T. AKOLA**

**OBJECTIVE:** - FOR TRAINING AND PLACEMENT TO FRESH ARCHITECTS AFTER PASSING XTH SEM

**ORGANISED –**TRAINING AND PLACEMENT CELL AND SCHOOL OF ARCHITECTURE COET AKOLA

**COORDINATOR –** Prof. Anand Pande

**EXPERTS –** Ar. Manish Bhutada, Principal Architect & Ar. Sarvesh Kela, Director of Shunya Constants, Akola.

**PARTICIPANTS -** students of architecture Appearing FOR 10 SEM





- **BRIEF REPORT** - Training & placement cell conducted campus interview for B. Arch. Tenth Semester students on 12.06.2024 at 10:30 in conference room. 13<sup>th</sup> students were examined by Ar. Manish Bhutada, Principal Architect & Ar. Sarvesh Kela, Director of Shunya Constants, Akola. The campus drive was organized by Dr. S. K. Agrawal & Prof. A. A. Pande, Training Placement cell officer & T&P dept. coordinator.
- **OUTCOME OF THE PROGRAM**- All students come to know how to face interview, as it is important in their future carrier. Also three student Divya Agarkar, Akshay Shelke, Rushikesh Bahakar are selected in interview . They get chance to work with Architects Expert in their field, also they start their earning.
- **STUDENTS PRESENT** - students of architecture Appearing FOR 10 SEM

Vipin Kakde	Paras Ilamkar	Akshay Shelke
Khushi Agarwal	Yash Wakodkar	Rishikesh Bhahakar
Shubham Bhuktare	Vaishnavi Pingarkar	Pranav Manwar
Vivek Ingle	Ayush Sande	Hardik Chaudhari
Chetan Nishane	Divya agarkar-	Harshita Sawikar

### **ARCHITECTURE AWARENESS PROGRAM- 04 JULY 2024**

- **TITLE:**ARCHITECTURE AWARENESS AND Q UIZ COMPETITION
- **Date** – 04 JULY 2024
- **Venue** :- SANMITRA PUBLIC SCHOOL, Tapadiya Nagar, Akola
- **Coordinator** :- Ar. Gulfam B. Shaikh and Ar. Radhika R. Raut
- **OBJECTIVE:** for awareness about architecture among school students.



- **Faculty Present:** - Ar. Gulfam B. Shaikh and Ar. Radhika R. Raut

On July 04, 2024 an engaging Architectural Awareness Program and Quiz Competition were organized at Sanmitra Public School by second year architecture students. The event aimed to introduce students to the field of architecture, stimulate interest in the built environment, and provide a platform for showcasing their knowledge through an interactive quiz competition.

The primary objectives of the program were:

1. To enhance students' understanding of architectural concepts and their relevance.
2. To foster an appreciation for the role of architecture in society.
3. To provide an educational and enjoyable experience through a quiz competition.

The program commenced with a presentation by students, who highlighted the significance of architecture in shaping the environment. Key topics included:

- The fundamentals of architectural design.
- Historical evolution of architectural styles.
- The impact of architecture on daily life and community well-being.
- Sustainable and innovative architectural practices.

The presentation was supported by visual aids, including slides and videos showcasing notable architectural works and projects. The session was interactive, with opportunities for students to ask questions and engage in discussions.

Following the presentation, the quiz competition was conducted, designed to test the students' knowledge of architecture and related topics. The quiz included multiple-choice questions, true/false statements, and short answer questions. Topics covered in the quiz included:

- Famous architects and their contributions.
- Architectural terms and concepts.
- Landmark buildings and their significance.
- Basic principles of architectural design and planning.

The event saw enthusiastic participation from students across various grade levels. The interactive nature of the program and the competitive element of the quiz kept the students engaged and motivated. The atmosphere was vibrant, with students showing keen interest in learning about architecture and competing in the quiz.

## **Conclusion**

The Architectural Awareness Program and Quiz Competition successfully met its objectives by educating students about the importance of architecture and providing an engaging platform for learning. The event not only broadened students' knowledge but also inspired many to explore the field further.



## OPEN HOUSE JURY 18 July 2024

1. **TITLE- OPEN HOUSE JURY**
  2. **DATE 18 JULY 2024**
  3. **OBJECTIVE-** Jury of Final Year Tenth Year students – for Thesis Project, in Which various Topics were Discussed with Expert External Examiner
  4. **THE CONTEXT-** Final Year students External Viva – By External Examiner  
Prof. Kapse Sir VNIT Nagpur. This exam is Final Exam in Architecture B. Arch, Course, and essential to get their degree
- THE PRACTICE-** In Tenth Semester, students of Architecture choose any topic for Their Thesis, study that project, discuss with their respective guides, do case studies, select proper site for that project and do Architectural Design of that project. Submit that project with models, conceptual sheets, actual design etc. Finally Viva is arranged on this project by Internals and Externals. Junior students can observe this viva so that they can understand the process.
5. **EVIDENCE OF SUCCESS-** As this Jury is open to all , Junior students can see , observe the process , understand the process , they also get confidence to face jury, they can come to know different Thesis Project by different senior students , their ideas get cleared .



6. **PROBLEM ENCOUNTERED**-Some time Students get afraid to appear for Jury in front of Jury Members.

### **THE FINAL YEAR STUDENTS OF SOA (2019-2024) PRESENTED THEIR THESIS PROJECTS.**

All the students were praised by the respected jury for their hard work.

All the budding architects shown their perspective of experience they had. **Prof. Kapse, VNIT Nagpur** the respective mentors guided the students thoroughly during this designing process.

**STUDENTS PRESENT** - students of architecture appearing FOR 10 SEM

Vipin Kakde	Paras Ilamkar	Akshay Shelke
Khushi Agarwal	Yash Wakodkar	Rishikesh Bhahakar
Shubham Bhuktare	Vaishnavi Pingarkar	Pranav Manwar
Vivek Ingle	Ayush Sande	Hardik Chaudhari
Chetan Nishane	Divya agarkar-	Harshita Sawikar

**OPEN HOUSE JURY  
FINAL YEAR STUDENTS  
(10TH SEMESTER)**

**(2019-2024)**

**SCHOOL OF  
ARCHITECTURE,  
C.O.E.T.AKOLA**

**18 JULY 2024**





### 3) RMC PLANT SITE VISIT AT Y.D.SHARMA RMC PLANT. 27 JULY 2024

**DATE: 27 JULY 2024**

**OBJECTIVE-** Learn the various components of RMC plant and Working operation of RMC plant.

**THE CONTEXT-** CIVIL ENGINEERING department organized workshop on Skill Development for Civil Engineering and Architecture Students, with regarding that this site visit was arranged

**THE PRACTICE-** In every session we arrange site visits so that students can get practical knowledge, how work is executed on site & understands the process.

**EVIDENCE OF SUCCESS-** In this site visit, students got knowledge about Ready mix plant, its working, they observe the process, understand the process, and their ideas get cleared. They learn the various components of RMC plant and working operation of RMC plant. From professional working point of view it was important for them.



**PROBLEM ENCOUNTERED-** because of heavy rain there was difficulty on site but students enjoyed site visit



## **STUDENTS PRESENT – ARCHITECTURE DEPARTMENT**

2nd year --- Sammruddhi Joshi

3rd year ---Prinjal Soni,Gauri Kuchar ,Arpita Mahore,Hemangi Rathod,Aayush Lokhande

Om Mamankar, Shree Kale, Ujjwal Ambhore ,4th year----Sampada Dhore



## **BRIEF REPORT**

Department of Civil Engineering & Architecture students visited Y.D.Sharma Ready Mix Concrete Plant site Situated near Borgaon Manju on 27/7/2024 (Saturday). The Site is owned by Shri.Y.D.Sharma. During the RMC Site visit, Students have learned regarding various components of RMC plant, also they have got the opportunity to see the practical RMC operation. The plant is fully automated and operated with the help of SCADA. Er. Chetan Sharma & Prof. Dushyant Zamre explained the working procedure of the plant. The site is properly maintained and having lush green campus. According to the requirements of the customers the plant is operated for various types of concrete grades. The working capacity of plant is 45 cum per hours and one batch is of 0.75 cum which was get mixed in just 7mins. The plant consists of three units, the weight batching silos, the mixer and the cement silos.

Total 76 students accompanied with 3 teaching faculties Prof. Dushyant Zamre, Prof. Shahu Chore, Prof.Malini Nathe and one non teaching faculty Mr.Sunil Patil.

A token of love on behalf of the Department of Civil Engineering was given to Mr. Chetan Sharma for sparing his valuable time and giving valuable information to the students.

Dr. P. V. Thorat, Principal College of Engineering and Technology, Akola and Dr. A. R. Gupta Head of Civil Engineering Department supported the students throughout the visit.

The coordinator for this visit was Prof. Dushyant A. Zamre.

Student Ms.Sampada Dhore & Ms.Suyogi Nalkande did the vote of thanks.

### **4) VISIT OF OUR ALIMNI**

**TITLE - VISIT OF OUR ALIMNI AR KAUSHAL DESHMUKH & AR PURUSHOTTAM JAWANJAL TO ARCHITECTURE DEPARTMENT & INTERACTION WITH STUDENTS.**

**DATE -2 AUGUST 2024**

**VENUE – School of Architecture Akola**

**OBJECTIVE-** Our alumni visited to guide students regarding Future Opportunities after Architecture

**ORGANISED- By – School of Architecture Akola**

**COORDINATOR- Prof. Dilip Jade**

**EXPERTS- OUR ALIMNI AR KAUSHAL DESHMUKH & AR PURUSHOTTAM JAWANJAL**





- **BRIEF REPORT-** Our Alumni **AR KAUSHAL DESHMUKH & AR PURUSHOTTAM JAWANJAL** visited College. **AR KAUSHAL DESHMUKH** gave information about his **TOT FACTORY IN MIDC AKOLA**. How toys are prepared for **FIRST CRY COMPANY** which is well known Toy Company in India **AR PURUSHOTTAM JAWANJAL** shared information about his Architectural Practice and his experience.
- **OUTCOME OF THE PROGRAM-** All students come to know about various opportunities after their graduation.
- **Faculties Present** – Prof. DILIP Jade, Prof S.V. Dhokane , Prof Malini Nathe Prof Radhika raut, Prof Saiyam Chaturvedi, Prof Gulfam Shaikh

#### **STUDENTS PRESENT –**

Sahil Chandanani, Rutuja Raipure , Mrunmai Pathare , Pearl Kikon , Kohliba Sangatam, Praniya Lingayat , Akshay Pimple , Mihir Nagpure , Sampada Dhore , Samruddhi Joshi Prinjal Soni, Gauri Kuchar , Arpita Mahore, Hemangi Rathod, Aayush Lokhande , Om Mamankar , Shree Kale, Ujjwal Ambhore



## 5) STRUCTURAL AUDIT OF KORPE BUILDING AND SHRI SHIVAJI COLLEGE AKOLA

**Date -03 August 2024**

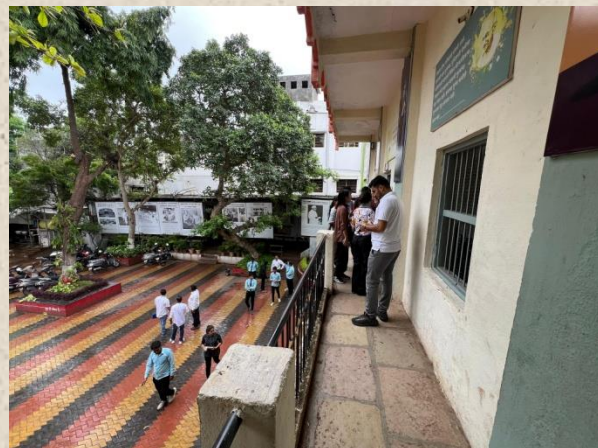
**Venue -**Korpe Building and Shri Shivaji College Akola

**OBJECTIVE-** To conduct Structural Audit along with students

**ORGANISED- By** – Civil Engineering and school of Architecture, COET Akola

**COORDINATOR-** Prof. Rahul Watile and Prof. Dushyant Zamre

**BRIEF REPORT** -Students of Architecture in collaboration with students of Civil Engineering conducted Structural Audit of Korpe Building and Shri Shivaji College Akola along on **03 August 2024** along with Prof. Rahul Watile and Prof. Dushyant Zamre. A total of 44 students underwent this structural audit to understand the technique and Life of the building. Experience the live project.



**OUTCOME OF THE PROGRAM-** students learn how to conduct Structural Audit, on site

**STUDENTS PRESENT** – Sahil Chandanani, Rutuja Raipure, Mrunmai Pathare, Pearl Kikon, Dhanashree Kale, Praniya Lingayat, Akshay Pimple, Mihir Nagpure, Sampada Dhore

### **CASE STUDY VISIT REPORT- 08 AUGUST 2024**

- **TITLE:**CASE STUDY VISIT REPORT
- **Date -8 August 2024**
- **Venue :-** Shashvat School, Panjabrao Deshmukh Smruti Kendra, Animation College, Amravati
- **Coordinator :-** Ar. Jayant G. Ingole and Ar. Radhika R. Raut
- **Faculty Present:** - Ar. Jayant G. Ingole and Ar. Radhika R. Raut



The site visit was conducted on August 08, 2024 for second year and third year students to Dr. Panjabrao Deshmukh Smruti Kendra, Amravati as part of a case study on museum. The objective of the visit was to gather detailed observations and data regarding museum and memorial. Also students visited Shashvat Concept School and Animation College at Amravati.



## PARENTS MEET 2024-2025

**DATE 10 AUGUST 2024**

**VENUE – School of Architecture Akola**

**Coordinator - Prof. Malini Nathe**

Parents meet is organized on 10<sup>th</sup> Aug. 2024 in School of Architecture Premises to show the progress and achievement of their wards in last academic year. Chief guest Dr. P. V. Thorat, Hod Dr. S. V. Dhokane, Design chair Prof. D. L. Jade & President of the function Shri. Narendra Rathod.

Prof. Malini Nathe gave the welcome speech and elaborates the idea about Parent Meet. Prof. Radhika Raut introduced guests of the function and welcomed the parents with floral bouquet.



Dr. S. V. Dhomane elaborated about Syllabus and NEP opportunities in Architecture after graduation. On this occasion, Shri. Narendra Rathod sir gave his presidential speech; they told NEP is the eye opener to students giving education in this year and further.

Parents also give their feedback and visited the students work displayed in studios.



## A DIALOGUE WITH RAJ MORE

**Date-22.08.2024**

School of Architecture COET, Akola was conducted workshop on 22.08.2024 Meet the Artist - Raj More ,Contemporary Artist & Film Director - Dialogue and Preview of his Short Film " Khisa " during Forum , School of Architecture , COET , Akola . Raj was felicitated at the hands of Dr. P.V.Thorat, Hon. Principal.

Raj's Movie, which have been recipient of many National and International Awards was an Eye Opener and was well received by all our Students, Alumni and Faculty.

The Movie got a standing ovation.



Mr. Raj showcased the preview of the short film KHISA with the impression of castism, the poverty line and many more. Students interact with them in so many aspects related to direction, videography, aesthetics, location, commercial arts and fine arts. A very good interactive session conducted for students and Teachers. Hon. Principal Dr. P. V. Thorat, Head Dr. S. V. Dhomane, Design chair Prof. D. L. Jade Program coordinator Prof. Anand Pande was Present and graced the occasion.



### **SITE VISIT- Yamuna Business Park Twin Tower**

**Date-22.08.2024**

School of Architecture, COET, Akola conducted a site visit cum interaction of Architect Sanjeev Jain, Akola on 29 Aug. 2024.

The Third and Fourth year students visited the construction of commercial complex/Building "Yamuna Business Park Twin Tower" opposite pantaloone showroom on Murtizapur Road, NH06, Akola. The project is undertaken by "Marvel Trinity Real Estate LLP" and Akola's first project having G-3 basement parking floors. The purpose of the visit is to study various services



required while designing a commercial building. Students learned different types of structural components, various NOC's required while designing a basement. Also plumbing services, flat slab, steel design in flat slab, weep holes and their drain outlet from G-3 to ground surface level, on the site, the students also interacted with Ar. Sanjeev Jain and the civil engineer Agasti Rathod present on the site. The project was started on 20th May 2023. M40 grade concrete was used for the construction of the structural components. Total of 20 students experience the new techniques used on site. The site was properly maintained, all the safety measures and precautions were followed for the site visit. The material like AAC block, TMT Bars, Ready Mixed Concrete (RMC by Jaypee Infraa) used in the project, hiltiki auto level machine is used, L/4 rods are used, and the quantity of RMC for slab casting was 200cu.m, 53 Grade OPC cement was used in the construction. The total area of the construction project was 18000 sq feet. The project consists of 3 basements floors under the ground level and G+ 7 floors above ground level.

Under the able guidance of Prof. Jayant Ingole and Prof. Anand Pande, and support of Dr. P. V. Thorat Principal, College of Engg. and Tech., Akola and Dr. S. V. Dhomane, Head School of Architecture the site visit is successfully conducted.



## INDUCTION PROGRAM FOR FIRST YEAR

**Date -2024 Sept. 23<sup>rd</sup>**

First Year Induction program conducted at COET, Akola from 19-21 Sept. 2024 for getting familiar first students with Institutions. On these occasions various dynamic personalities were called to motivate students while entering into Architectural education. Hon. Mr. Shivaji Kuche, Motivational speaker told how to achieve goals, Dr. Sandip Tatewar elaborated the idea of UHV (Universal Human Value) and its importance in our life. Students perform cultural activities to showcase the hidden talent in COETA. Parents also share their view regarding the institute. Hon. Dr. P. V. THORAT, Principal, Dr. Sudhir Dhomane, Head, SOA, COET delivered lecture on Architecture and future opportunities and Faculties of the Institute grace the function.





## **LANDSCAPE WORKSHOP- SUSTAINABLE LANDSCAPE DESIGNING OF SPACES**

**Date -23 September 2024**

**Venue – Audio visual lab, School of Architecture, Akola.**

**Coordinator –Prof Malini Nathe**

**Expert – Ar Ashwini Tarhalkar Dixit from Mumbai**

**Faculties Present – Prof. DILIP Jade, Prof S.V. Dhomane , Prof Malini Nathe, Prof Radhika raut, Prof Saiyam Chaturvedi, Prof Gulfam Shaikh**

**BRIEF REPORT-**Landscape workshop was arranged in School of Architecture Akola. Ar Ashwini Tarhalkar Dixit from Mumbai who is our Alumnus explained about Lonar Crater. She



explained about SUSTAINABLE LANDSCAPE DESIGNING OF SPACES. Then workshop on how to design spaces in landscape design was carried out in groups of students.

**OUTCOME OF THE PROGRAM-** Students idea about Landscape Design get cleared in workshop





## **GUEST LECTURE ON TOWN PLANNING AND ARCHITECTURE**

**Date -05.10.2024**

Prof. Anand A. Pande, delivered a lecture on Town planning and Architecture, irrigation and Vastu Shastra-the science of Architecture on 05.10.2024 for engineering students as per New Education Policy under the subject of Indian Knowledge System at College of engineering and Technology, Akola.



## WORKSHOP 3R AND BOW (BEST OUT OF WASTE)

**Date 09/10/2024**

School of Architecture, COET Akola organized Innovation Workshop 3R and BOW (Best out of waste) to Nurture seed of Environmental Care at Academic level on dated 09/10/2024 for Students of Architecture. Ar. Nilesh Rahate was the mentor of the workshop; he elaborated the ideas of Indian Jugaad to reality. Students bring different scrap material to execute treasure from it. Chief patron Dr. P. V. Thorat, Principal, Dr. S. V. Dhokane, Head, Ar. Anand Pande coordinator of the workshop and all faculty present in the workshop cum studio to motivate students.





## ELOCUTION COMPETITION

**Date - 11.10.2024.**

Students of Architecture participated inter-departmental Elocution Competition organized by Alumni Association, COET, Akola on the auspicious occasion of Birth Anniversary of Dr. Vijay Bhatkar sir's on 11.10.2024. Ms. Arpita Mahore and Ms. Hemangi Rathod secured consolation prizes. Dr. P. V. Thorat, Principal, Dr. S. V. Dhomane, Head, Ar. J. G. Ingole, Prof. G. R. Bharsakale, President, Alumni Association wishes students for their achievements.



## PARTICIPATION IN YOUTH FESTIVAL SANT GADGEBABA AMRAVATI UNIVERSITY AMRAVATI – AT AKOLA – BY STUDENTS – SCHOOL OF ARCHITECTURE

**DATE -27, 28, 29, 30 SEPTEMBER 2024**





- 1) **LUCKY NAKWAL – SPOT PAINTING**
- 2) **LUCKY NAKWAL, HEMANGI RATHOD , URVI LAGAD , SAMPADA DHORE – INSTALLATION**
- 3) **DHANASHREE KALE IN GROUP DANCE**



# **First Year**

1. Dr. Jyoti Shegokar has participated and presented research paper entitled “Medicinal Pharmaceutical Chemical synthesis of artificial human blood” in one day international multi disciplinary conference held on 28<sup>th</sup> of July 2024 organized by first year engineering department of Prof. Ram Meghe College of Engineering and Management Badnera, Amravati.
2. Dr. Jyoti Shegokar has participated and presented a paper in National Conference on multi disciplinary Research and innovation 2024 on the topic “Examination of new bis-isoxazoline and bis-pyrazoline nanoparticles” in Shri RLT College of Science Akola on Friday 27<sup>th</sup> September 2024.
3. Prof. Sharada Deshmukh published a paper in World Journal of Pharmaceutical Research Vol 13, Issue 20, 2024. | ISO 9001: 2015 Certified Journal on the topic “LINEAR REGRESSION ANALYSIS OF DENSITIES AND REFRACTIVE INDICES WITH CONCENTRATION OF ANTI-EMETIC METOCLOPRAMIDE HYDROCHLORIDE IN AQUEOUS-AMINO ACID SOLUTIONS” AT 303.15 K DOI: 10.20959/wjpr202420-34173 [www.wjpr.net](http://www.wjpr.net)
4. Dr. Jyoti Shegokar has published a paper in Journal of nonlinear analysis and Optimization theory and applications “ Physico Chemical parameters and statistical studies of agriculture soil from Eastern region of Yavatmal district Journal of nonlinear analysis and Optimization” ISSN-1906-9685 Volume 15, issue 2 ,Number 3-July to December 2024-UGC care approved group PEER reviewed journal with impact factor 7.62

## **R and D STTP's and FDP's /Workshops attended by staff**

1. Prof. Sharada Deshmukh has attended AICTE -ISTE approved two weeks short term training program NEP based curriculum framing implementation and pedagogical strategies organized by Department of Civil and Chemical Engineering College of Engineering and Technology, Akola Maharashtra on 15<sup>th</sup> to 26<sup>th</sup> July 2024.
2. Dr. Mrs. D. D. Raut has completed the NEP- 2020 Orientation and sensitization program under Malviya mission teachers training program of university grand commission organized by UGC mmmtc Dr Harish Singh Gaur Vishwavidyalay Sagar from 18<sup>th</sup> June to 28<sup>th</sup> June 2024.
3. Dr. Mrs. D. D. Raut has attended AICTE -ISTE approved two weeks short term training program “NEP based curriculum framing implementation and pedagogical strategies” organized

by Department of Civil and Chemical Engineering College of Engineering and Technology, Akola Maharashtra on 15<sup>th</sup> to 26<sup>th</sup> July 2024.

4. Prof. Snehal Kale has attended AICTE -ISTE approved two weeks short term training program “NEP based curriculum framing implementation and pedagogical strategies” organized by Department of Civil and Chemical Engineering College of Engineering and Technology, Akola Maharashtra on 15<sup>th</sup> to 26<sup>th</sup> July 2024.

5. Prof. Rupesh U. Pote have successfully completed the online FDP on “Solar Power Plant” design organized by skill Desire in collaboration with AICTE for the duration of one month certificate issued date-3rd October 2024.

6. Prof. P. R. Pote attended one week STTP on “Recent Trends in Electrical Engineering and Teaching Pedagogy” from 24<sup>th</sup> to 29<sup>th</sup> June 2024 organized by department of electrical engineering, College of Engineering and Management Amravati.

7. Prof. P. R. Pote has successfully participated and completed AICTE training and learning (ATAL) Academy faculty development programme on Integrating electric vehicles with smart grids innovations for sustainable mobility solution at Sri Venkateswara College of Engineering and Technology from 16<sup>th</sup> to 21<sup>st</sup> December 24.

8. Prof. P. R. Pote has successfully participated and completed AICTE training and learning (ATAL) Academy faculty development programme on electric vehicles technology power system Energy Management testing and certification at PIMPRI CHINCHWAD College of Engineering from 23<sup>rd</sup> to 28<sup>th</sup> December 24.

9. Prof. Kapil V. Nile has attended AICTE -ISTE approved two weeks short term training program “NEP based curriculum framing implementation and pedagogical strategies” organized by Department of Civil and Chemical Engineering College of Engineering and Technology, Akola Maharashtra on 15<sup>th</sup> to 26<sup>th</sup> July 2024.

10. Dr. Jyoti Shegokar has attended AICTE -ISTE approved two weeks short term training program “NEP based curriculum framing implementation and pedagogical strategies” organized by Department of Civil and Chemical Engineering College of Engineering and Technology, Akola Maharashtra on 15<sup>th</sup> to 26<sup>th</sup> July 2024.

11. Dr. P. D. Bhanawat have successfully completed the ISTE approved self financing faculty development program on NEP- 2020 implementation in higher education held 2<sup>nd</sup> to 7<sup>th</sup> December 2024 organized by Jawaharlal Darda Institute of Engineering and Technology Yavatmal, Maharashtra.



# Chemical Engineering

## Industrial Visit Report Shivangi Bakers Pvt. Ltd. Khamgaon

**Duration of activity:**

Start date: 18th Oct 2024

End date: 18th Oct 2024

**Number of student participants:**

76 students

A copy of attendance list of students is attached

**Number of faculty participants:**

Two faculty members accompanied the students:

Prof. R. S. JADHAO

Prof. Dr. D. V. WELE

**Expenditure amount:**

No expenditure was incurred for this activity..

**Mode of session delivery:**

Offline

**Objective:**

The purpose of this industrial visit was to expose students to the operations of a large-scale food production facility, specifically focusing on the manufacturing processes of Parle-G biscuits. This visit aimed to bridge the gap between theoretical concepts and practical applications in the food industry, highlighting automation and quality control measures. Additionally, it provided students with valuable insights into industry-standard practices and sustainability efforts.

**Benefits in terms of learning/skill/knowledge obtained:**

**Insight into Automated Production:** Students observed the fully automated production lines, learning about the efficiency and precision of modern food manufacturing processes.

**Quality Control Procedures:** The visit provided students with insights into the stringent quality control measures implemented at various stages of production, ensuring the high quality of Parle-G biscuits.

**Understanding of Packaging and Distribution:** The plant tour highlighted the packaging and distribution processes, which ensure that products reach markets fresh and intact.

**Industry-Standard Safety Protocols:** Students learned about the safety regulations followed in food production, especially in terms of hygiene and machinery safety

**Sustainability Measures:** The company shared its approach to minimizing waste and optimizing resources, showcasing real-world sustainability practices.

**Photograph:**

Industrial visit photographs are attached as part of the documentation



### Overall Report of the Activity:

The industrial visit to Shivangi Bakers Pvt. Ltd. (Parle-G) in Khamgaon was successfully conducted on 18<sup>th</sup> October 2024. The plant tour gave students a comprehensive understanding of the manufacturing, quality control, and packaging processes involved in large-scale biscuit production. Students appreciated the opportunity to see the automation in action and to interact with the staff, who provided detailed explanations of each production stage.

The visit significantly enhanced the students' knowledge of food engineering and related chemical processes, making it a valuable addition to their academic curriculum. The experience left a lasting impression, helping students to connect theoretical learning with practical, real-world applications.

### Industrial Visit Highlights





## Report on Expert Talk

**Duration of activity:**

Start date: 5th August 2024

End date: 5th August 2024

**Number of student participants:**

62 Students

A copy of attendance list of students is attached

**Number of faculty participants:**

04 faculty members

**Expenditure amount:**

No expenditure was incurred for this activity..

**Mode of session delivery:**

Offline

**Objective:**

The objective of this expert talk was to provide students with insights from industry professionals who are also proud alumni of our institution. This session aimed to inspire students by showcasing the successful career paths of former students and to bridge the gap between academic learning and industry practices.

**Benefits in terms of learning/skill/knowledge obtained:****Swati Buchade Hende (Business Manager, Dow Chemical International PVT Ltd):**

Discussed the evolving role of chemical engineering in the global market.

Provided insights into the business management aspect of chemical industries.

Highlighted the importance of soft skills and leadership qualities in addition to technical knowledge.

Shared personal experiences from her time as a student and how it shaped her career.

**• Rajesh Hende (Sales Manager, Heubach Colorants India Ltd):**

Shared experiences on the sales and marketing strategies in the chemical sector.

Emphasized the importance of understanding customer needs and market dynamics.

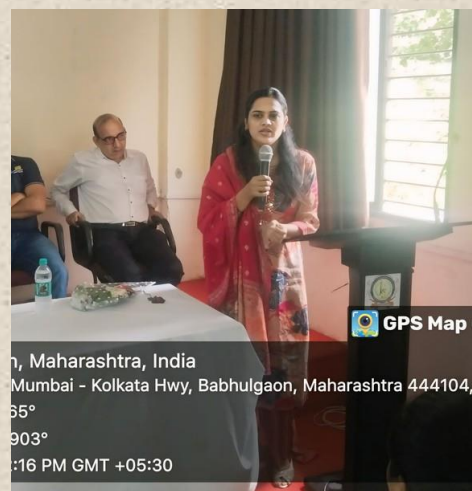
Recounted his journey from being a student at our institution to becoming a Successful professional.

**Photograph:**

Event photographs are attached as part of the documentation

### Overall Report of the Activity:

The expert talk was a significant learning opportunity for the students, offering them valuable Perspectives from industry professionals and distinguished alumni. The session began with a Warm welcome to the experts, followed by presentations from both speakers. Swati Buchade Hende shared an in-depth view of the business management side of chemical industries, Discussing strategic planning, operational challenges, and the role of innovation in driving Growth. She also reminisced about her student days, inspiring current students with her journey. Rajesh Hende provided an engaging discussion on sales and marketing within the chemical Industry, offering practical tips on building a successful career in this field, while also reflecting On his own experiences as a student. The event concluded with an interactive Q&A session, Where students actively participated, seeking advice on career development and industry trends. The talk was well-received by both students and faculty, and it concluded with a vote of thanks.





## Activity Report on Tree Plantation Drive

**Duration of activity:**

Start date: 10th August 2024

End date: 10th August 2024

**Number of student participants:**

50 Students

A copy of attendance list of students is attached

**Number of faculty participants:**

05 faculty members

**Expenditure amount:**

Total: ₹400 for saplings

(Additional saplings were provided by faculty members)

**Mode of session delivery:**

Offline

**Objective:**

The objective of this tree plantation event, organized by the CESSCAA committee, was to Promote environmental sustainability and increase awareness among students about the Importance of trees. The event aimed to contribute to a greener campus/community by planting trees and fostering a sense of responsibility towards nature among participants.

**Benefits in terms of learning/skill/knowledge obtained:**

- **Environmental Awareness:** Participants learned about the importance of trees in Maintaining ecological balance and combating climate change.
- **Hands-On Experience:** Students and faculty engaged in the physical activity of planting Trees, which included digging, planting, and watering the saplings.
- **Teamwork and Collaboration:** The event fostered teamwork as participants worked Together to achieve the common goal of enhancing greenery in the area.
- **Sustainability Practices:** The event emphasized the need for long-term care and Maintenance of the planted trees to ensure their growth and survival.

**Photograph:**

Activity photographs are attached as part of the documentation

**Overall Report of the Activity :**

The tree plantation event held on 10-08-2024 was a resounding success, with active participation From students, faculty, and staff. The event was organized by the CESSCAA committee and Graced by the presence of our respected Principal, Dr. P.V. Thorat Sir, who inaugurated the event by Planting the first tree. The Principal Sir involvement inspired the participants and underscored the Importance of environmental stewardship.



The event commenced with an introduction to the importance of trees by Narendra Bujruk Sir, Who highlighted the role of trees in combating global warming and enhancing biodiversity. Following this, Principal Sir planted the first sapling, setting a positive tone for the rest of the Event.

Participants were then divided into groups and assigned specific areas for planting. Under the Guidance of faculty members, the students planted saplings of various native species, chosen for Their suitability to the local environment.

The event not only provided a platform for practical learning but also instilled a sense of Environmental responsibility in the participants. As the event concluded, students expressed their Commitment to nurturing the saplings and ensuring their growth. The initiative received positive Feedback from all participants and reinforced the college's dedication to sustainability and Environmental conservation.

The event ended with a group photograph and a pledge to continue such initiatives in the future.





## Activity Report for Engineering Day, Teacher's Day, and First-Year Induction Program

**Duration of activity:** 2 hours

Start date: 8th October 2024

End date: 8th October 2024

**Number of student participants:**

115 Students

A copy of attendance list of students is attached

**Number of faculty participants:**

10 faculty members

**Expenditure amount:**

Total Expenditure Amount: ₹7,070.

**Mode of session delivery:**

Offline

**Objective:**

To enhance student engagement and participation by organizing a combined celebration of Engineering Day and Teacher's Day, while providing first-year students with valuable insights into the department's culture and values.

**Benefits in terms of learning/skill/knowledge obtained:**

Enhanced student-teacher relationships

Strengthened the bond among students from different years

First-year students gained insight into college culture and academic expectations

**Photograph:**

Event photographs are attached as part of the documentation

**Overall Report of the Activity :**

The event was held successfully with 115 students and 10 faculty members participating. The program included speeches by faculty members, and the distribution of certificates to students for their academic and extracurricular achievements. It was an enriching experience for all, especially for the first-year students, who got a glimpse of college life and its vibrant culture.

The event concluded with a vote of thanks to the faculty and participants. Minor difficulties in logistics were managed by the organizing team efficiently.

# HIGHLIGHTS OF THE EVENT

