



# BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR, (DIPLOMA) COMPUTER ENGINEERING DEPARTMENT

## CLICK-IN

**NEWS LETTER**

**ISSUE : JULY 2024**



### **Institute Vision:**

“Transforming and enriching lives of human being through quality technical education”.

### **Institute Mission:**

- To achieve academic excellence in Technical Education.
- To contribute significantly to National skill development initiative for sustainable empowerment.
- To provide opportunities for the development of professional skills and ethical values for social transformation.

### **Program Vision:**

“To contribute to the nation by imparting information technology based quality technical education.”

### **Program Mission:**

- To provide excellent computer engineering education with high values through continuous teaching learning practices.
- To induce ethical values and spirit of social commitment to reach the unreached.
- To evolve methods continuously to maintain new computer advancements as well as acquire software knowledge to face new challenges.

### **Principal's Desk**

The Institute has developed excellent resources, including a well-stocked library and well-equipped labs that are upgraded frequently. We realize that, students must be transformed into professional engineers in three years. Every effort is combined to cultivate leadership, student talents, inventiveness, and interpersonal abilities in addition to strong morals and ideals. We want our students to be committed to achieving their goals in addition to ethics and concern for the environment and rural society they live in. We support comprehensive personality development via individually student counseling and guidance. We have continuous integration with industry through training and various projects.

Students are inspired to excel by qualified faculty, the latest labs, a computer center, seminar halls, a library, a Wi-Fi campus, and ICT-enabled classrooms that meet all around standards. Students are exposed to the latest technology advancements through technical events, expert talks, and interactions with accomplished alumni. This Institute offers students a peaceful academic environment because of its location in a large expanse of greenery.

With best wishes...



Mr. Deshmukh M.S.  
Principal

## Diploma in Computer Engineering

Dear Students and all the stakeholders,

We are happy to share some of the Department's remarkable news. This holds information about various activities that are connected to the Department of Computer Engineering during the last one year. We are always looking for innovative ways to execute our curriculum and experiment with different delivery methods in an effort to raise the quality of our courses. To improve the learning process, which is vital for diploma engineering, we give our students an opportunity to get involved in experiments, project work, industrial training, seminars, and teamwork. Students acquire the ability to develop concerns and investigate novel concepts independently which is essential for the lifelong learning required for a fulfilling engineering career. The achievements of the students during the odd and even semesters of the 2023–24 academic year are highlighted in this newsletter.

### Top Rankers :

#### Final Year (2023-24)



**Kumbhar Shreyas Rajesh**  
91.06 %



**Labaje Siddhant Santosh**  
90.24 %



**Mane Niranjan Bhikaji**  
89.29 %

#### Second Year (2023-24)



**Raut Shreya Jayram**  
90.53 %



**Bongale Samruddhi Santosh**  
89.33 %



**Kangralkar Vaishnavi Ajit**  
88.88 %

#### First Year (2023-24)



**Patil Aruna Yashwant**  
89.18 %



**Chavan Rudra Rahul**  
87.41 %



**Ravan Sanchita Sanjay**  
86.82 %



**Industry Expert Lectures :****Expert Lecture - 1****Topic : “Modern trends in IT Industry”**

Date : 26/11/2023.

Participants : CO3I and CO5I Students

Name of Expert : - Mr. Sunny Mohite (Software Engineer)

Name and Address of Organization/Industry: Prognur Technology, Pune.

Faculty Coordinator : Mrs.V.M.Mane

**Expert Lecture - 2****Topic : “Current and Emerging Job Profiles in IT”**

Date : 18th March 2024.

Participants : CO3I and CO5I Students

Name of Expert : - Mr.Vijay Lombare.(Software Engineer)

Name and Address of Organization/Industry : Entrata Inc.Kolhapur.

Faculty Coordinator : Ms.S.S.Vanare

**Expert Lecture - 3****Topic : “Careers in Information Technology”**

Date : 19th March 2024.

Participants : CO3I and CO5I Students

Name of Expert : - Mr.Abhijeet H. Patil

Name and Address of Organization/Industry: Cognition Pvt.Ltd.IT Park, Kolhapur.

Faculty Coordinator : Mrs.S.S.Gandhi

**Personality Development Programs**

Enhance self-confidence, improve interpersonal skills, and foster overall personal and professional growth through activities and training focused on improving competencies and potential.

**Personality Development Program - 1****Topic : “Career Guidance and Resume writing”**

Date : 21/02/2024

Participants : CO3I and CO5I Students

Name of Expert : - Prof.Mr.M.S.Sonavane

Designation : Training and Placement Officer

Faculty Coordinator : Mr.P.S.Methe



### Personality Development Program - 2

#### Topic: "Social Ethics"

Date: 06/03/2024

Participants: CO3I and CO5I Students

Name of Expert: - Mr. Shivaji M. Nerli

Faculty Coordinator: Mr. A.B. Mahadik



### Industrial Visit :

Provide students with practical, real-world exposure to industry operations, bridge the gap between theoretical knowledge and practical application, and foster a deeper understanding of industry practices and processes.

#### Industrial Visit -1

Name of Industry : ACME InfoVision Pvt. Ltd. Satara

Address of Industry : P4/4, IT Park, Old MIDC Satara,

Date : 06th October 2023

Participants : CO3I and CO5I

Students Coordinator : Mrs. V.M. Mane







### Industrial Visit -2

**Name of Industry :** tCognition Pvt.Ltd.

**Address of Industry :** Suite - 2, 2nd Floor, IT Park, Near Jayprabha Studio, Kolhapur-416012

**Date :** 15th March,2024

**Participants :** CO3I and CO5I Students

**Faculty Coordinator :** Mr.P.S.Methe



### Teachers' Day

To recognize the vital role of teachers in shaping society, acknowledge their contributions, and foster a culture of respect and appreciation for the teaching profession.

On 5th September 2023, teacher's day was celebrated in Bharati Vidyapeeth College of Engineering, Kolhapur to commemorate the birth anniversary of Dr. Sarvepalli Radhakrishnan.



### Engineers' Day Celebration

To recognize the contributions of engineers, inspire future generations, and highlight the importance of engineering in national development and technological advancement.

Engineers' Day celebrated on 15th September 2023 to honor the contributions made by Sir Mokshagundam Visvesvaraya in the field of science and technology. The Chief Guest was Shri.A.S.Salunkhe. Vice President, CREDAI, Solapur and Director,Raut-Salunkhe Associates, Solapur.





## Annual Sports Competition 2024

On January 15–18, 2024, the Institute Sports Committee organized the Annual Sports event for the students. Large numbers of students enthusiastically took part in the sports on the college grounds. Students actively participated in many kinds of activities, including indoor games, volleyball, kabaddi, cricket, and kho-kho.



## Entrepreneurship Awareness Program

On March 15, 2024, Bharati Vidyapeeth's College of Engineering (Diploma), Kolhapur, conducted a one-day workshop on Entrepreneurship Awareness. Final year students took part in this workshop. Mr. Niranjana Mali, a resource person and our institution alumnus, shared the student's guidance on entrepreneurship and explained the details of project reports, fund-raising, banking, and other government-backed initiatives.

Faculty Coordinator-Mrs.V.M.Mane





## 'KALARANG BHARATI' Youth Festival-2024

Bharati Vidyapeeth College of Engineering, Kolhapur (Diploma Engineering) organizes 'KALARANG BHARATI' every year, featuring cultural events like Music, Dance, Theatre, Fine art and Literary promoting student development. This year Institute organized a 'KALARANG BHARATI' Youth Festival on Jan.19-20, 2024.



## Parent Teacher Meeting

To foster a collaborative partnership between educators and parents, ensuring students receive the best possible support for their academic and social-emotional growth by facilitating open communication and shared understanding. Establishing a common platform for teachers and parents to discuss student performance and come up with ideas for improving their educational experience was the primary goal of the Parent-Teacher meeting. Approximately Ninety parents attended the first PTM of 2023–2024, which took place on Nov.4, 2023 and more than eighty parents were present for second meeting held on March 03, 2024.

For the benefit of the students' development, parents were made aware of the Institute's rules and regulations as well as its teaching and learning methodologies. Parents were urged to express gratitude for student's involvement in curricular activities. The meetings ended with the conclusion that teachers and parents must work together to support students' growth and development





## Social Activities

### Visit to Balkalyan Sankul, Kolhapur

To help and support those who are deprived of certain services and rights.

On 9th January 2024 at 04.00 pm. students and Teachers visited Balkalyan Sankul, Kolhapur. Superintendent of Balkalyan Sankul, Kolhapur explained in detail the work of Balkalyan Sankul. He focused on the issues arising in the society. He created awareness about social responsibilities.

On the behalf of Institute Food Distribution activity is carried out to Balkalyan Sankul (Jilha Pariviksha va Anurakshan Sanghatana, Kolhapur).



### Swachh Bharat Mission Activity

To contribute in Swachh Bharat Abhiyan activity and undertake cleanliness drive.

Second and Final Year students organized rally to bring awareness to keep surrounding clean among community people residing at Pachgaon village on Jan.11, 2024. Shramadan activities also been carried out at Ganesh Temple, Garden and various streets of Pachgaon village. Students have encouraged community people to join in Swachhta activity. Community people were encouraged to maintain their surrounding clean.





## Student Achievements

### 1. First Prize in Poster Presentation

Ms. Gauri Bhasme and Ms. Shruti Talandage from Final Year Computer Engineering secured First Prize in Poster Presentation held at Sant Gajanan Maharaj Rural Polytechnic, Mahagaon on 14th October 2023.



### 2. First Prize in Poster Presentation

Ms. Shravani Patil from second year Computer Engineering secured First Prize in Poster Presentation held at Bharati Vidyapeeth's College of Engineering, Kolhapur (Diploma) on 2nd March 2024.



**3. Second Prize in Paper Presentation**

Ms.Shruti Talandage from Final Year Computer Engineering secured Second Prize in Paper Presentation held at Bharati Vidyapeeth's College of Engineering, Kolhapur (Diploma) on 2nd March 2024.

**Memorandum of Understanding (MoU)**

To exchange information on academics and skill development in mutually agreeable areas of interest.

**MoUs :**

Sr.no.	Name of Industry	Address
1	Pcube Technologies	Nagala Park, Kolhapur
2	Earth LogicWare Technologies	Vijay Building,Near Magdum Hospital, Pratibha Nagar,Kolhapur
3	Domain Technology	Station Road,Near CBS, Kolhapur
4	tCognition	Infotech Park,Suite 2, 2nd Floor, Kolhapur

**Editorial Board :**

Mr.A.B.Mahadik	Editor-in-Chief
Mr.P.S.Methe	Co-Editor
Mrs.Gandhi S.S	Content Contributors
Ms.S.S.Vanare	Content Contributors
Ms.Shravani Patil	Student Coordinator



## Technological Trends and Innovations

### Cyber security

Cyber security is the practice of protecting systems, networks, and data from digital attacks, theft, and damage. It encompasses various technologies, processes, and practices designed to secure devices, sensitive information, and infrastructure from cyber threats. Here are the key aspects of cyber security-

#### 1. Importance of Cyber security

- Prevents data breaches and identity theft.
- Secures sensitive information from hackers.
- Ensures business continuity by preventing cyber-attacks.
- Protects individuals, businesses, and governments from financial losses.

#### 2. Types of Cyber Threats

- Malware: Malicious software like viruses, ransomware, spyware, and worms.
- Phishing: Deceptive emails or messages that trick users into providing sensitive information.
- Denial-of-Service (DoS) Attacks: Overloading a system to disrupt services.
- Man-in-the-Middle (MitM) Attacks: Intercepting communication to steal or manipulate data.
- Zero-Day Exploits: Attacking vulnerabilities in software before they are fixed.
- Social Engineering: Manipulating people to gain unauthorized access to systems or data.

#### 3. Cyber security Measures

- Firewalls: Blocks unauthorized access to networks.
- Antivirus Software: Detects and removes malicious software.
- Encryption: Protects data by converting it into unreadable code.
- Multi-Factor Authentication (MFA): Adds an extra layer of security to accounts.
- Regular Software Updates: Patches security vulnerabilities.
- Security Awareness Training: Educates users about cyber threats and safe practices.

#### 4. Cyber security Domains

- Network Security: Protecting networks from intrusions and attacks.
- Information Security: Safeguarding data from unauthorized access.
- Application Security: Securing software and apps from threats.
- Cloud Security: Ensuring safe storage and access to cloud data.
- Operational Security: Protecting an organization's processes and operations.

#### 5. Careers in Cyber security

- Ethical Hacker (Penetration Tester)
- Security Analyst
- Cyber security Engineer
- Incident Responder
- Chief Information Security Officer (CISO)
- Digital Forensics Expert

#### 6. Best Practices for Individuals

- Use strong, unique passwords for different accounts.
- Enable two-factor authentication.
- Avoid clicking on unknown links or downloading suspicious attachments.
- Keep software and operating systems updated.
- Be cautious of phishing scams and social engineering attacks.



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR, (DIPLOMA)

(Approved by AICTE, New Delhi, DTE Mumbai Recognised by Govt. of Maharashtra, Affiliated to Maharashtra State Board of Technical Education, Mumbai.)

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