

# 2022

## NEWSLETTER 2022-23 VOLUME 1



Computer Science and  
Engineering  
Padm. Dr. V. B. Kolte College  
of Engineering Malkapur,  
Dist. Buldana 443101

## MESSAGE FROM HEAD OF DEPARTMENT



It gives me great pleasure to introduce Departmental Newsletter. I would like to take this opportunity to thank the editorial team for their efforts in putting together a wonderful and informative newsletter for the department. There are some breathtakingly beautiful photographs of the various events, programmes, Industrial training. Notable achievements by our students, and institute colleagues have also been highlighted. I hope this newsletter will help all the stake holders of department and an institute so that they can contribute to the overall growth and achievements of department and institute. We welcome your inputs for future newsletters.

## ABOUT DEPARTMENT

The Department of Computer Science and Engineering at Padm. Dr. V. B. Kolte College of Engineering is committed for value added quality technical education in Computer Science and Engineering. The strong pillars of our department for UG and PG program- the highly educated faculty, infrastructure and effective teaching learning process. The first batch of B.E. (Computer Science) came out in the year 2013-14 with flying colors. The department runs B. E. (Computer Science and Engineering) and M.E. (Computer Engineering) courses. The department started the two years of Master of Engineering (M.E) in the year 2012. In addition to core academics, the students are provided with plenty of opportunities to develop and excel in curricular, co-curricular and extracurricular areas such as skills development, higher studies, industrial training and placements.





### **VISION OF INSTITUTE**

To be an autonomous institution offering multidisciplinary quality education programs aligned with provisions of NEP 2020 and satisfy stakeholders' needs.

### **MISSION OF INSTITUTE**

1. To achieve excellence in academics, research and services continuously improving the quality.
2. To ensure the wholesome development of students implementing the provisions of NEP 2020.
3. To develop professional ethics, universal human values, constitutional values, and 21st - century skills in students.
4. To observe provisions of quality education declared by the accreditation agencies.

### **VISION OF DEPARTMENT**

To provide high-quality education and research in computer science and engineering to satisfy the needs of industry and society.

### **MISSION OF DEPARTMENT**

1. To develop core competencies in computer science and engineering through experiential learning.
2. To develop interdisciplinary and project management competencies through students' projects and internship.
3. To provide ICT - enabled infrastructure for experimentation, research and services to society
4. To develop leadership quality, teamwork ability, ethical, human, and constitutional values in students.

## Program Educational Objectives (PEOs)

The undergraduate programme in CSE is aim to prepare for -

PEO1: Successful professional in the field of software development.

PEO2: IoT engineer in the field of Internet of things.

PEO3: Entrepreneur in area of Software Development, Networking, Database, Security, AI, IoT.

PEO4: Pursuing Higher education, Research and Development activities.

## Programme Outcomes (POs)

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## Program Specific Outcomes

- PSO 1:** An ability to apply the concepts of computer science in construction of software systems with varying complexity.
- PSO 2:** Ability to employ modern computer languages, environments, communication skills, platforms, in creating innovative career path to be an entrepreneur and engage in lifelong learning.

## Various activities



Malkapur, Malkapur, Maharashtra 443101, India

Topic	Resource person
Guest Lecture on IoT	Mr. Vijay Tathe (Project Head, Micro spectra Software Technologies Pvt. Ltd)
Employability skill enhancement programme	Mr. Mohit Shahare Regional Sales Head, TCS-NQT.
Guest Lecture on "Block chain fundamental"	Mr. Vijay Tathe (Project Head, Micro spectra Software Technologies Pvt. Ltd)
Career guidance Programme – Opportunities in digital Marketing	Mr. Ravikant P. Bombatkar, Director, Jisarwa Ecommerce Treeding Pvt. Ltd.
Industry Expert Lecture on Finance in IT	Mr. Bhushan Patil, Senior Manager L & T Finance Ltd. Mumbai
Guest Lecture on Python for Web Technology	Mr. Dipak Patil, Director, Developers Thrill Software Solutions LLP, Pune.
PDP on Soft Skill Development	Mr. Rahul Kharche, Senior Technical Lead, Robert BOSCH, Bangalore
Industry expert lecture – "Future of IT industry in India"	Mr. Rahul Kharche, Senior Technical Lead, Robert BOSCH, Bangalore
Industry Expert lecture-Recent trends in Information and Computing Technology	Mr. Manoj Padghan, Regional Head of Maharashtra, Career Labs Technologies Pvt. Ltd. Bangalore



## Association of Computer Science and Engineering Students

### ACSE- Association of Computer Science and Engineering Students

On 15<sup>th</sup> September 2022 the Department of Computer Science and Engineering under the Association of Computer Science and Engineering (ACSE) organized the different technical event at college level. We conducted this event through online mode. This year we have organized one event "Logo Making" and Technical Quiz. Total 78 students were participated. These technical events are an example of fun and learning where spectacular ideas are displayed, and students learn and feel inspired.

Name of event	Winner	Class	Rank
Technical quiz	Bhavesh C. Borle	Final Year	1st
	Farisa Fatema Sayyed Rizwan	Final Year	2nd
	Payal G. Wagh	Final Year	3rd
Logo making	Swarali D. Karande	Third Year	1st
	Neha V. Patil	Final Year	2nd
	Rushikesh S. Warade	Final Year	3rd

## Parent Meeting

As a part of academic we have to conduct parent meet for the purpose of parent and staff interaction. For each semester we conduct one parent meet by offline mode we organized this parent meet on 15/10/2022.



## Collaboration/ MoUs

### MoU

Computer Science and Engineering department always take an initiative in the development of students and institute. We had MoUs with the different industries/companies in every to improve the industry institute interaction. This is beneficial for students to learn new things. Industry partnerships are an effective way for educational institutions to ensure that their students are working on cutting-edge technologies and gaining practical experience. Companies also benefit greatly from the input and fresh perspectives students bring.

Sr. No.	Name of company	Date	Duration
1.	Ram Antivirus Pvt. Ltd. Jalgaon	17 <sup>th</sup> Nov 2022	5 Yr.
2.	Yippee Technology Pvt. Ltd. Jalgaon	17 <sup>th</sup> Nov 2022	5 Yr.
3.	Cyberverse Cyber Security Soutions Pvt. Ltd. Pune	17 <sup>th</sup> Nov 2022	5 Yr.

### Industry visit

The Computer Science and Engineering department of Padm. Dr V. B. Kolte College of Engineering Malkapur organized Industrial visit on 18<sup>th</sup> November 2022 for students of department. This helps students to interact with industry experts and experience their working policies, working environment, development. The advantage of these visits that it provides an insight into real world working environment and also helps students to enhance their interpersonal skills.

#### Name of Industry

#### Description

Ram Antivirus Pvt. Ltd. Jalgaon  
 Ram Antivirus company work in providing security and antivirus development. Ram Antivirus is one of the product they have developed.

Yippee Technology Pvt. Ltd. Jalgaon  
 Yippee Technology Company work in Web development, Services Provider, Marketing and Business Planning and Research area.



Total 37 students were visited to the industry with two faculty members.

## Workshop

The department of Computer Science and Engineering of Padm. Dr. V. B. Kolte College of Engineering, Malkapur has organized 05 days' workshop on "IOT Design Methodology" under the Association of Computer Science and Engineering (ACSE) from 20/09/2022 to 24/09/2022 for all the students of CSE 3rd year and final year students. The aim of this workshop was to aware the students about new technologies in the market. Also it helps students to raise the interest in the Internet of things.

Total no. of students attended this program: 82

Resource Person:

Mr. Vijay Tathe,

Project Head and CEO,

Microspectra Software Technologies Pvt. Ltd





## Achievement



### **Mr. Pranav Wankhade (3rd Year)**

Awarded with Silver Medal in Wrestling,  
Intercollegiate tournament organized by Sant  
Gadge Baba Amravati University, Amravati



### **Mr. Chirag Badhe**

Won prize at World's biggest Hackthon ETH India  
December 2022.



## **Editorial Board**

**Prof. M. U. Karande**

**Editor**

**Prof. S. L. Farpat**

**(Head of Department)**

**Prof. G. V. Patil**

**(Asst. Prof. CSE dept)**

**Ms. Shrushti Naphade (Final year  
CSE)**

**Mr. Bhavesh Borole (3<sup>rd</sup> year CSE)**

**Ms. Neha V. Patil (3<sup>rd</sup> year CSE)**

**LSSEM's**

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**Department of Computer  
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