Newsletter 2021-22

Computer Science and Engineering

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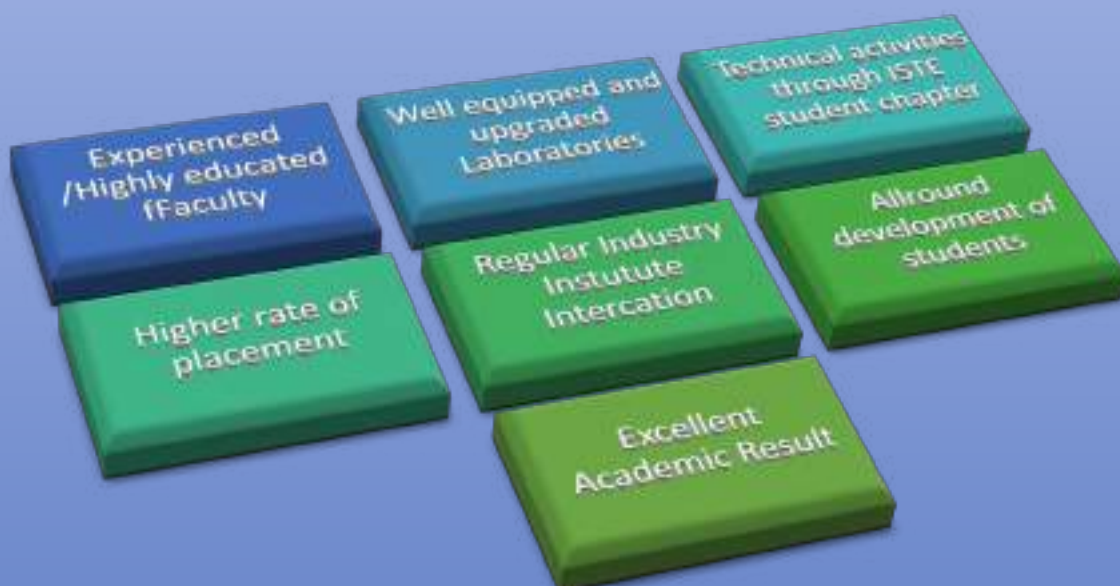- Placements
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"Computing is not about computers any more. It is about living."

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 and Mission

Vision of Institute

To be an Organization providing quality Education to the masses to bring about a social change in the region by establishing and nurturing the technical, management and allied institutions to become center of excellence.

Mission of Institute

1. To nurture and maintain quality environment for academic excellence, research and development of entrepreneurship, through dedicated staff and transparent management for bringing about a social change, through affordable education.

2. To impart holistic training to all students so that they develop right kind of attitude, knowledge & skills this will help them to serve the nation in a better way.

3. To imbibe in the students, basic human values in order to help them, develop individually.

4. To provide education at reasonable expenditure, especially for middle class population.

5. To provide up-to-date and trained professionals to industry who will serve as an entrepreneur and will lead their companies successfully.

Vision of Department

Become a regional leader in providing higher quality education and sustain in competitive environment in the area of computer science and engineering.

Mission of Department

1) Provide sound technical knowledge in discipline of computer science through extensive curriculum learning.

2) To empower the students with development of advanced computing skills and accomplishment.

3) Provide quality based education towards science and technology to complete the fulfillment of stake holders.

4) To apply new development in computational hardware and software to meet the need of profession and society.

5) To develop the leadership qualities, team work and ethical values in students.

Program Educational Objectives of Department

PEO 1 To employ modern computer languages, environment, and platforms in creating innovative career paths to be an entrepreneur, and a passion for higher studies.

PEO 2 To provide student basic knowledge foundation in mathematics, science and engineering problems.

PEO 3 To train students with good scientific and engineering breadth as to grasp, analyze, design and create novel solutions for the problems.

PEO 4 To inculcate professional and ethical attitude, communication skills, team work, work in multidisciplinary approach, and ability to work for society.

PEO 5 To Provide student with an academic environment with awareness of excellence, leadership and life-long learning needed for professional courses.

Programme Outcomes (POs)

PO 1: Engineering Knowledge: Apply Knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem Analysis: Identify, Formulate, analyze complex computer engineering problems and Conduct practicals reaching and interprete data

PO 3: Design/Development of solutions: Design system components or processes to meet desired needs within the realistic constraints such as public health safety, cultural, social, economic, environment ethical.

PO 4: Conduct Investigations of Complex problems: Use research– based knowledge and research methods including design of experiments, analysis and synthesis of information to provide valid conclusions.

PO 5: Modern Tool Usage: Use and apply appropriate techniques, resources and IT tools for the modeling of complex engineering activities.

PO 6: The Engineer and Society: Apply the knowledge to access social, health, safety and cultural issues and the responsibilities relevant to professional engineering practice.

PO 7: Environment and Sustainability: Use solutions of engineering for the environment and need of sustainable development.

PO 8: Ethics: Understand the effect of professional ethics and responsibility of engineering practices.

PO 9: Individual and Team Work: Work effectively as individuals and also in multidisciplinary teams.

PO 10: Communication: Ability to communicate effectively and to write reports, make presentation.

PO 11: Project Management and Finance: Understanding of engineering principles and ability to apply knowledge to work as leader or member of team.

PO 12: Life-Long Learning: Identify the need and ability to engage lifelong learning in the technological change.

Program Specific Outcomes (PSOs)

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 lifelong learning.

Sr. No.	Topic	Resource person
1	Expert lecture on "Full Stack development"	Mr. Rohit Ghosh, CEO & Founder SKILLEDGE
2	Alumni Talk "Recent Trends in development"	Mr. Kmalesh Lulla, Program Analyst Cognizant, Pune
3	Expert Lecture "Industrial applications of Data structure"	Prof. B. K. Chaudhari, Asst. Prof. MIT, Aurangabad
4	Career guidance Programme – How to prepare for interviews in corporate and Govt sector	Prof. Shirish Limaye, Ex. HOD, Symboisys,Pune
5	Industry Expert Lecture on ERP Implementation	Mr.Rahul Dagchawale, Chief Technical Officer, eMsys Solutions Pvt. Ltd, Nashik
6	Guest Lecture on New trends in software Engineering	Mr. Mayur Chaudhari, Sales Director, eMsys Solutions Pvt. Ltd, Nashik
7	Career guidance workshop "career opportunity in IT sector sfter pandemic	Mr. Ankit Karande, System Engineer, Accenture Pvt. Ltd, Pune
	Career guidance Programme – RedHat certification and training	Ms. Kavita Patil, Director-Top IT Academy, Pune
8	Alumni Talk- My story Motivational Session by successful innovators	Mr. Dipak Patil, Founder-Dthrill software solutions LLP. Pune
9	Industry expert lecture – "Object relational mapping and Data Persistance using Hypernet and spring"	Mr. Pranav Bhole, Senior Engineer at Yahoo.
10	Industry Expert lecture-IoT physical devices and enfdpoints"	Mr. Jagdish Chavan, Data scientist, Microspectra software technology Pvt. Ltd.
11	Guest Lecture_"Iot platform design Methology"	Mr. Vishal Mundhe, Software developer, Microspectra software technology Pvt. Ltd.

ACSE- Association of Computer Science and Engineering Students

On 26th April 2022 the Department of Computer Science and Engineering under the Association of Computer Science and Engineering (ACSE) organized the different technical event at intercollegiate level. Due to COVID-19 pandemic situation we conducted this event through online mode. This year we have organized one event "IPR Quiz" on the occasion of World Intellectual Property Day. This day is celebrated to "raise awareness of how patents, copyright, trademarks and designs impact on daily life" and "to celebrate creativity, and the contribution made by creators and innovators to the development of societies across the globe". These technical events are an example of fun and learning where spectacular ideas are displayed, and students learn and feel inspired.
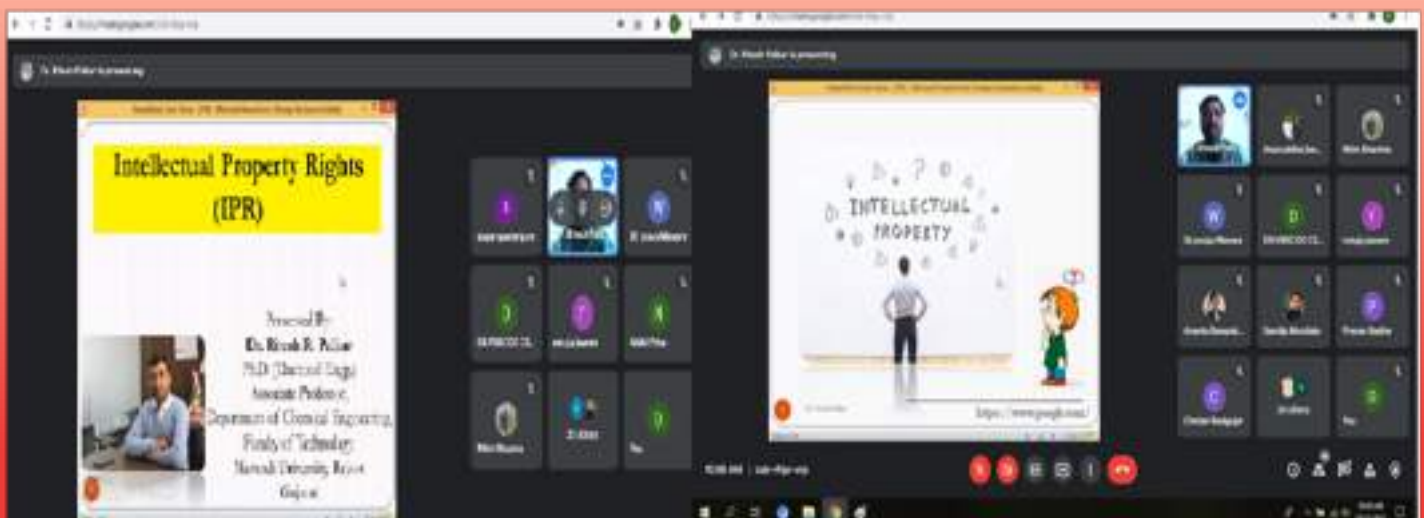
Sr. No.	Name of event	Topics	Total entries
1	**Quiz on Intellectual Property Day**	• Patents • Copyrights • Trade secrets • Trademarks • Right of Publicity	**148**
2	**Quiz Competition**	• General Knowledge	**168**
	Seminar Presentation	• Recent trends in IT • Data mining • Deep Learning • IoT • Big Data	**103**
	Poster Presentation	• Machine learning • Advances in Communication and network • Artificial intelligence in machine • Internet of things • Recent trends in IT	**80**
	Word Puzzle	• C, C++, Java	**71**

IPR Workshop

As the part of curriculum the department organizes **Workshop on Intellectual Property Rights** on 20th November 2021. Department always take the initiative for the development of students. Dr. Ritesh Palkar, Associate Professor at Marwari University Rajkot, was Speaker and Chief Guest for program. Sir Explain in details about IPR and interacts with students about with their doubts on IPR.

Speaker
Dr. Ritesh Palkar,
Associate Professor,
Chemical Engineering Department
Marwari University, Rajkot.

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.	eMsys Solutions Pvt. Ltd. Nashik	28th April 2022	5 Yr.
2.	Shonarya Technologies Pvt. Ltd.	28th April 2022	5 Yr.
3.	DThrill software solutions LLP. Pune	25 February 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 for students of department. These industrial visit were conducted through online mode so most of the students were present for the visit with two faculty members. 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.

Industry visit in academic year 2021-22

Sr. No.	Name of Industry	Date of Visit
1	Sumango Infotech, Nashik	02 March 2022

Workshop/Value added courses

Sr. No.	Course Name	Resource Person
1	5 Days Workshop on Angular and React Technology	Mr. Vijaya Tathe , CEO , Microspectra software technology Pvt. Ltd.
2	3 Days Workshop on "Express Node.JS Technology"	Ms. Tejaswini Khobragade , Web developer , Microspectra software technology Pvt. Ltd.
3	Value added courses "Introduction to DevOp"	Mrs. Divya Patil, Libity Infotech Pvt. Ltd. Jalgaon.
4	Value added courses "Python for data science"	Prof. Dhananjay Joshi, Assistant Professor , Department of Computer Science and Engineering, SVKM's NMIMS MPSTME Shirpur
5		
6	STTP on "Data analytics on Data Science"	Prof. Ashish Suresh Awate, Assistant Professor, SVKM's Institute of Technology, Dhule

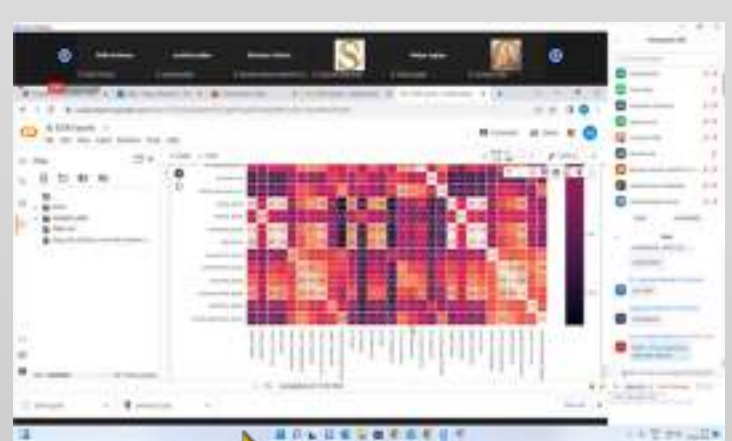## Entrepreneurship Awareness Camp

     We conducted One day workshop on entrepreneurship skill, attitude and behavior development by Mr. Dipak Mathe, Swatix Technology on 30th November 2021.

The Department of Computer Science and Engineering of Padm. Dr. V. B. Kolte College of Engineering, Malkapur conducted National Level One Week "**Faculty Development Programme- Python for Data Science**" on 27th to 31st May 2022. We conducted this FDP programme which enriches the knowledge of faculties, research scholar, PG and UG students.The number of faculties, research scholar, and PG students were participated for this FDP from various disciplines, and states from India

Parent Meeting

As a part of academic we have to conduct parent meet for the purpose of parent and staff interaction. The parent meetimg conducted on 18th October 2021 and 04th May 2022.The entire faculty along with HOD Sir and student's parent was present for this parent meet. Main intention of this meeting is parent will get information about their ward progress and activity conducted by department.

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Placement & Consultancy

Placement of CSE student in academic year 2021-22

The CSE department arranged campus interview for the final year students and pass out batches 2021.

Name of Company	Date	No. of student placed	Package
eMsys Solutions Pvt. Ltd. Nashik	28th April 2022	11	1.8 LPA
CitiusTech Healthcare Technology Pvt. Ltd.	26th April 2022(off-Campus)	11	5.5 LPA
SalesUpsTechnology Pune	19th April 2022	08	1.4 LPA
Capgemini, Pune	26th September 2021(off-Campus)	01	4.0LPA
Infosys, Pune	Off-campus	02	3.6 LPA
Pentagoan Space Pvt. Ltd. Banglore		01	1.4 LPA
Profound Edutech Pvt. Ltd. Pune		01	1.5 LPA
Cyber Success, Pune		05	1.5 LPA

Consultancy

Nature/Title of Consultancy Work	Client/ Organization/Company	Duration	Amount Earned
GCC – TBC Typing Online Exam	Winner Software Solutions , Nashik Third Party Contract	6 Days	12,000
MHTCET online Exam	MeritTrack	27 Days	3.5 L
DGT_ITI Exam	NSCIT, Amravati	7 Days	0.31 L

Staff Achievement:

Prof. M. U. Karande, registered for the Ph.D. at College of Engineering & Technology, Research Center, Akola.

Name of Faculty	Number of FDP/STTP Attended	Number of Paper published
Prof. Y. B. Jadhao	2	01
Prof. M. U. Karande	2	04
Prof. S. L. Farpat	3	03
Prof. B. B. Thakare	2	01
Prof. G. V. Patil	2	01

Students Achievement

Ms. Sejal Sandeep Jaybhaye (2nd year CSE) -1st prize from battalion in firing competition held at Amravati.

Ms. Sejal Sandeep Jaybhaye (2nd year CSE) — 1st rank with "A" grade from 13 MAHA BN battalion in A certificate Exam held on Khamgaon.

Ms. Pranjali P. Chaudhari, Ms. Sayali A. Narkhede, Ms. Harshada R. Khachane, Mr. Saurabh K. Kolte(Final Year CSE, VBKCOE, Malkapur)— **2nd Prize of "Seminar Presentation"** in National Level Technical Event Techtantra-2K22 organized by CSE department, Padm. Dr. V. B. Kolte College of Engineering, Malkapur

Mr. Abhishek V. Raut (2nd Year CSE, VBKCOE, Malkapur)— **3rd Prize of "Seminar Presentation"** in National Level Technical Event Techtantra- 2K22 organized by CSE department, Padm. Dr. V. B. Kolte College of Engineering, Malkapur

Ms. Farisa Fatema Sayyed Rizwan (3rd Year CSE)- **1st Prize of "Poster Presentation"** in National Level Technical Event Techtantra- 2K22 organized by CSE department, Padm. Dr. V. B. Kolte College of Engineering, Malkapur

Ms. Neha Vilas Patil (2nd Year CSE)— **2nd Prize of "Poster Presentation"** in National Level Technical Event Techtantra- 2K22 organized by CSE department, Padm. Dr. V. B. Kolte College of Engineering, Malkapur

Ms. Farisa Fatema Sayyed Rizwan (3rd Year CSE)- **1st Prize of "Word Puzzle"** in National Level Technical Event Techtantra- 2K22 organized by CSE department, Padm. Dr. V. B. Kolte College of Engineering, Malkapur

Mr. Rshikesh Sanjay Warade(3rd Year CSE)- **2nd Prize of "Word Puzzle"** in National Level Technical Event Techtantra- 2K22 organized by CSE department, Padm. Dr. V. B. Kolte College of Engineering, Malkapur

Swapnil Gajanan Patil(3rd Year CSE)- **2nd Prize of "Word Puzzle"** in National Level Technical Event Techtantra- 2K22 organized by CSE department, Padm. Dr. V. B. Kolte College of Engineering, Malkapur

Ms. Harshada R. Khachane (Final Year CSE), **1st Topper**
Ms. Priyanka R. Wankhede (Final Year CSE)— **2nd Topper**
Ms. Yogeshri B. Patil (Final Year CSE.)— **3rd Topper**

Ms. Farisa Fatema Sayyed Rizwan (3rd Year CSE), **1st Topper**
Ms. Shubhangi S. Patil (3rd Year CSE)— **2nd Topper**
Ms. Mayuri P. Kolte (3rd Year CSE.)— **3rd Topper**

Ms. Neha V. Patil(2nd Year CSE)— **1st Topper of**
Ms. Payal P. Patil (2nd Year CSE) **2nd Topper of**
Ms. Shreya S. Phirke (2nd Year CSE) **3rd Topper**

Press Gallery

Our Pride

Swapnil Patil, Scientific Assistant Bhabha Atomic Research Center Mumbai, , 10 LPA

Rushikesh Giri, Assistant System Engineer, TCS, 3.36 LPA

Mangesh Pramod Patil, Sr. Technical Associate, Bank of America, (Continuum GBS)Ahmedabad, 6 LPA

Priyanka Atmara Ghyar, Associate Software engineer Tech Mahindra ltd. Pune 3.25 LPA

Kamlesh Lulla, Program Analysis Trainee, Cognizant

Ankita Anant Patil, Associate Software engineer, Tech Mahindra ltd. Pune, 3.25 LPA

Rushikesh P. Gongate, System Engineer, Infosys Ltd. Pune, 3.6 LPA

Mayuri Sanjay Patil, Web Developer , Brain Bees Solutions, 2.5 LPA

Ronald Vinod Agrawal, Assistant System Engineer, Tata Consultancy service Ltd. Pune 3.36 LPA

Suraj Patil, Trainee Engineer, YAN IT Solutions, 1.2 LPA

Editorial Board

Prof. M. U. Karande

Editor

Prof. S. L. Farpat

(Head of Department)

Prof. G. V. Patil

(Asst. Prof. CSE dept)

LSSBM's

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