A SNEAK PEEK INSIDE THIS NEWSLETTER

- ➤ Workshops/ Trainings for Students
- ➤ Seminar/Workshop/ FDP Attended by Faculty
- ➤ Achievements
- ➤ Industrial Visits

ABOUT THE DEPARTMENT

The Department of Computer Engineering is committed to the cause of growth and advancement of computer related technologies. It is commenced from Academic Year 2019-20 with the aim of acquainting students with the latest trends in Computer Engineering. The Department has faculty members with both industrial and academic experience. Students are also taught a spectrum of programming languages, spanning assembly language programming, advanced technology subjects like Artificial Intelligence, IOT, Software Robotics, CCNA CISCO Networking, AWS Technology etc. along with regular subjects like Python Programming, Java, C++, .Net and operating systems like UNIX and Windows.

The undergraduate program in Computer Engineering is essentially aimed at equipping a student with excellent programming and system related competencies

HOD's DESK

Welcome to Computer Engineering Department!!!
The field of computer engineering has grown and developed significantly, providing a wide array of technological advancements that many people use every day.

The modern era has witnessed a rapid development in computer technology, both in hardware and software. Each year a host of new advancements is unveiled, from home robotics to advanced operating systems, microprocessors, and supercomputers with massive computational capabilities.

We have well equipped Laboratories with latest and advanced technology Computers and other types of hardware as well as software. The department is also fulfilled with highly experienced and dedicated faculty members.
Thank you

EDITORIAL BOARD

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>   (HOD- Computer Dept.)

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HOD & Asst. Professor

Department Vision, Mission PEOs, POs & PSOs

Vision

To be a centre of excellence in computer engineering for developing software professionals, researchers and entrepreneurs benefitting industry and society.

Mission

- ❖ To create state of the art infrastructure and environment to develop software professionals, researchers and entrepreneurs.
- ❖ To enhance collaboration with industries and significant stakeholders for sharing experience and resources.
- ❖ To foster use of information and communication technology in academics, research and management for the benefit of society.

Program Educational Objectives(PEO)

- ❖ **PEO-1(Core):**To empower the knowledge in the field of computer engineering and usage of modern tools effectively to solve real life problems.
- ❖ **PEO-2 (Skill)**: The graduate will have industry based technical skills and will accord to the profession and employability.
- ❖ **PEO-3(Professionalism)**: The graduate will bring the highest quality and integrity into the education system with research attitude and life-long learning.

PO1: Demonstrated competence in university level mathematics, natural sciences, engineering fundamentals, and specialized engineering knowledge appropriate to the program.

PO2: An ability to use appropriate knowledge and skills to identify, formulate, analyse, and solve complex engineering problems in order to reach substantiated conclusions.

PO3: An ability to conduct investigations of complex problems by methods that include appropriate experiments, analysis and interpretation of data and synthesis of information in order to reach valid conclusions.

PO4: An ability to design solutions for complex, open-ended engineering problems and to design systems, components or processes that meet specified needs with appropriate attention to health and safety risks, applicable standards, and economic, environmental, cultural and societal considerations.

PO5: An ability to create, select, apply, adapt, and extend appropriate techniques, resources, and modern engineering tools to a range of engineering activities, from simple to complex, with an understanding of the associated limitations.

PO6: An ability to work effectively as a member and leader in teams, preferably in a multi-disciplinary setting.

PO7: An ability to communicate complex engineering concepts within the profession and with society at large. Such ability includes reading, writing, speaking and listening, and the ability to comprehend and write effective reports and design documentation, and to give and effectively respond to clear instructions.

PO8: An understanding of the roles and responsibilities of the professional engineer in society, especially the primary role of protection of the public and the public interest.

PO9: An ability to communicate complex engineering concepts within the profession and with society at large. Such ability includes reading, writing, speaking and listening, and the ability to comprehend and write effective reports and design documentation, and to give and effectively respond to clear instructions.

PO10: An ability to apply professional ethics, accountability, and equity.

PO11: An ability to appropriately incorporate economics and business practices including project, risk, and change management into the practice of engineering and to understand their limitations.

PO12: An ability to identify and to address their own educational needs in a changing world in ways sufficient to maintain their competence and to allow them to contribute to the advancement of knowledge.

Program Specific Outcomes(PSOs)

- ❖ Professional Skills-The ability to understand, analyze and develop computer pro- grams in the areas related to algorithms, system software, multimedia, web design, big da- ta analytics, and networking for efficient design of computer-based systems of varying complexities.
- ❖ Problem-Solving Skills- The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.
- ❖ Successful Career and Entrepreneurship- The ability to employ modern computer languages, environments and platforms in creating innovative career paths to be an entrepreneur and to have a zest for higher studies.

WORKSHOPS/TRAININGS FOR STUDENTS:

Sr. No.	Name of Expert	Topic Covered	Target Group	Date
1	Mrs. C. D. Patil	Blue prism Academy Program	SE Computer	01st – 07th Apr. 2021
2	Mr. G. L. Patil	Online Workshop on Game Design (Python)	SE Computer	15th Apr. 2021

SEMINAR/WORKSHOP/FDP ATTENDED BY FACULTY

Sr. No.	Name of Attendee	Date	Name of Program
1	Mrs. C. D. Patil	22nd – 26th Feb 2021	AICTE ATAL-FDP on Augmented Reality and Virtual Reality
2	Mrs. N. A. Kakuste	22nd – 27th Feb 2021	FDP on Cyber Security
3	Mr. G. L. Patil	13th March 2021	Nuts & Bolts of Project Management
4	Mr. G. L. Patil	15th – 18th April 2021	Amazon Collaboration
5	Mrs. N. A. Kakuste	19th – 24th April 2021	FDP on Python
6	Mr. G. L. Patil	17th – 19th May 2021	Cyber Security
7	Mr. P. C. Patil	17th – 19th May 2021	Cyber Security
8	Mr. P. C. Patil	20th- 22nd May 2021	Industry 4.1
9	Mr. P. C. Patil	17th- 28th May 2021	Machine Learning and AI using Python

ACHIVEMENTS

Mr. S. G. Shukla(HOD, Computer Dept.) has successfully completed the AWS certification requirements and has achieved their certificate as AWS Certified Solutions Architect - Associate

aws ✅ **CERTIFIED**

Sandeep Shukla

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified Solutions Architect - Associate
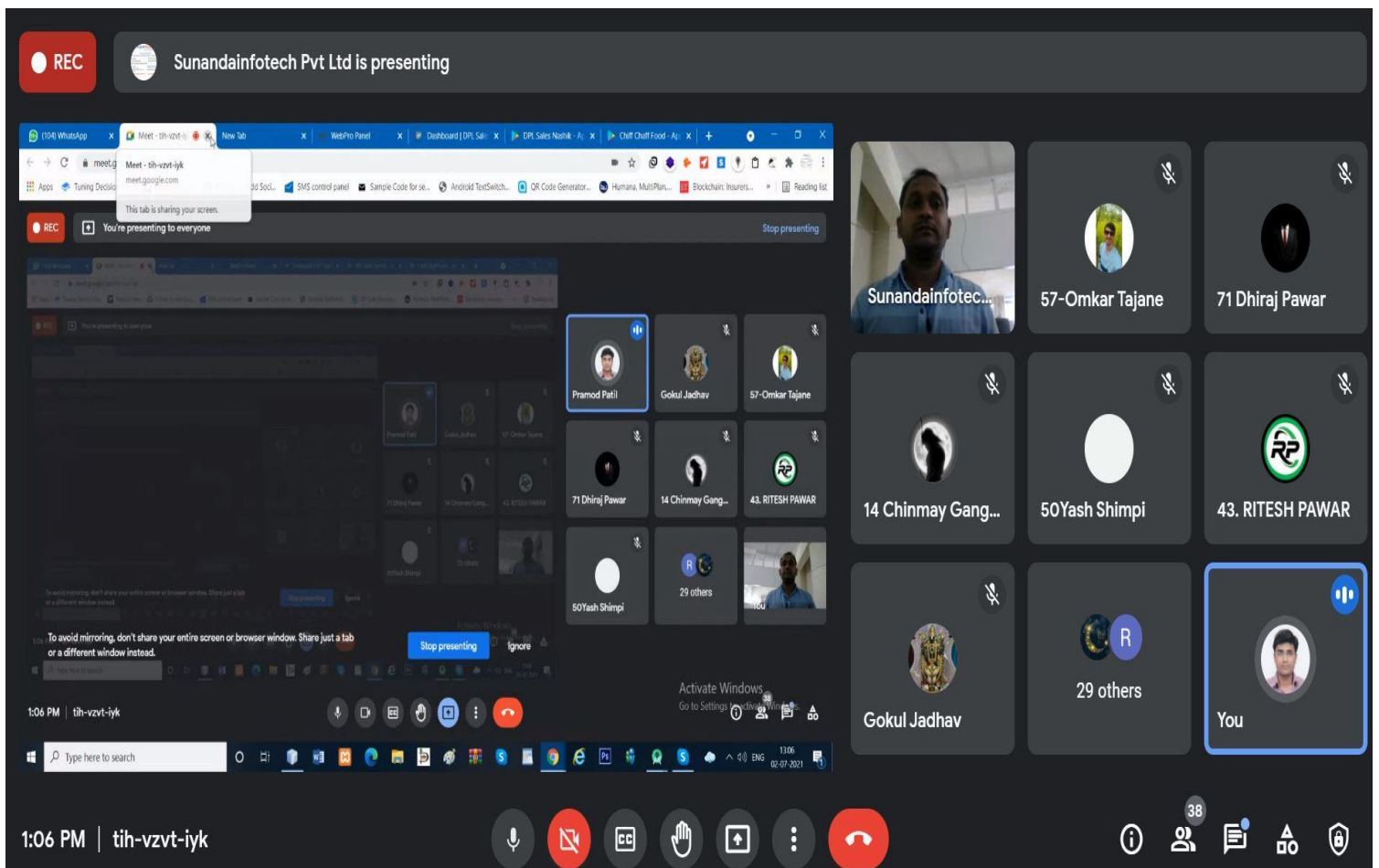
Issue Date
Jan 27, 2021

Expiration Date
Jan 27, 2024

Maureen Lonergan
Director, Training and Certification

Validation Number TMRB6RGDLNVEQGK3
Validate at: http://aws.amazon.com/verification

INDUSTRIAL VISIT:

Industrial visit to Sunanda Infotech, Nashik was conducted through online media platform on 24th June 2021. Mr. Gokul Jadhav from Sunanda Infotech introduced about company. Delegates from company mainly focused on the opportunities in industry for the students.

GURU GOBIND SINGH COLLEGE OF ENGINEERING & RESEARCH CENTRE, NASHIK

गुरू गोबिंद सिंह फाऊंडेशन, नाशिक
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