



2022 | ISSUE 1

Pune Institute of Computer Technology

Academic Year 2021-22

Department of Information Technology



Contents

● Vision, Mission

● PEO, PSO

● From Department Chair and Editor Desk

● Collaboration/MoU with Industries

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● Research Publication

● Glimpses

INSTITUTE VISION

Pune Institute of Computer Technology aspires to be the leader in Higher technical education and research of International repute.

INSTITUTE MISSION

To be the leading and the most sought after institute of education and research in emerging engineering and technology disciplines that attract, retains and sustains gifted individuals of significant potential.

DEPARTMENT VISION

The department endeavors to be recognized globally as a centre of academic excellence & research in Information Technology.

DEPARTMENT MISSION

To inculcate research culture among students by imparting Information Technology related fundamental knowledge, recent technology trends and ethics to get recognized as globally acceptable and socially responsible professionals.

PROGRAM EDUCATIONAL OBJECTIVES

1. To produce graduates who would have developed a strong background in basic science and mathematics and ability to use these tools in their chosen fields of specialization.
2. To produce graduates who have the ability to demonstrate technical competence in the fields of information Technology and develop solutions to the problems.
3. To produce graduates who would attain professional competence through lifelong learning such as advanced degrees, professional registration, and other professional activities.
4. To produce graduates who function effectively in a multi-disciplinary environment and individually, within a global, societal, and environmental context.
5. To produce graduates with ethical and moral behavior.

PROGRAM SPECIFIC OUTCOMES

1. Apply core aspects of Information Technology and programming paradigms in order to facilitate processing, storage, retrieval, transmission and exchange of information.
2. Design, document, and develop robust applications by considering human, financial and environmental factors using cutting edge technologies to address individual and organizational needs.
3. Work in teams to manage complex IT projects using suitable project management techniques by utilizing high level interpersonal skills.

FROM THE CHAIR DESK

I AM DELIGHTED TO PRESENT NEWSLETTER COLLECTION OF AMAZING CONTRIBUTIONS FROM THE FACULTIES AND STUDENTS OF INFORMATION TECHNOLOGY DEPARTMENT. I FEEL IT IS A CHANCE TO THANK ALL THE CONTRIBUTORS WHO DIRECTLY OR INDIRECTLY HELPED IN THE PUBLICATION. TECHNOLOGY IS A COMPENDIUM OF TECHNIQUES, SKILLS, METHODS AND PROCESSES WHICH ASSISTS IN THE OVERALL ADVANCEMENT OF THE HUMAN RACE. IN THIS EVER -CHANGING WORLD, TECHNOLOGY IS GROWING AT A REMARKABLE PACE WHICH HAS LED TO REVOLUTIONARY CHANGES. IT GIVES ME IMMENSE PLEASURE TO WRITE FOR THE ISSUE OF THIS YEAR 'S ANNUAL NEWSLETTER . IT AIMS AT WIDENING THE TECHNICAL DOMAIN OF STUDENTS AND PROVIDES A CHANCE FOR THEIR IDEAS TO GROW AND FLOURISH.



DR. ANANT M. BAGADE
HOD, IT DEPT.

FROM THE EDITOR'S DESK

IT GIVES ME IMMENSE PLEASURE TO PRESENT THIS ISSUE OF THE DEPARTMENTAL NEWSLETTER. AFTER PAINFUL COVID-19 PANDEMIC, OUR STUDENTS ARE BACK. IN THE CAMPUS. ON THE FIELD. IN THE CLASSROOMS. THEY STUDY, PLAY, DANCE, REHEARSE, SING, CREATE, DESTROY, AND RECREATE. THE CURRENT ISSUE HIGHLIGHTS THE REOPENING OF THE CAMPUS. VARIOUS SOCIETIES AND COMMITTEES ORGANISED MAJOR EVENTS TO REIGNITE THE SPIRIT OF HEALTHY COMPETITION, PARTICIPATION, GROUP LEARNING AND SOCIALISING IN STUDENTS.

I WOULD LIKE TO EXPRESS MY SINCERE THANKS TO OUR HEAD OF DEPARTMENT DR. A.M. BAGADE FOR HIS CONTINUOUS MOTIVATION, INPUT, AND SUPPORT FOR THIS NEWSLETTER ALSO I WOULD LIKE TO THANK MRS. S.G PATIL FOR THEIR EVERLASTING SUPPORT THROUGHOUT THE CREATION OF THIS NEWSLETTER.



MR. JAGDISH K. KAMBLE
ASSISTANT PROFESSOR, IT DEPT

COLLABORATION / MOU WITH NATIONAL / INTERNATIONAL INSTITUTE / INDUSTRY / RESEARCH CENTRE / COLLEGES

**FACULTY
COORDINATOR**

**NAME OF INSTITUTE /
COMPANY/
INDUSTRY/RESEARCH
CENTER**

PURPOSE

◆ **Dr. Radhika V. Kulkarni**

◆ **Mithi Software
Technologies, Pune.**

◆ a) To facilitate Final Year Project Mentoring for UG/PG students. b) To provide Internship opportunities c) To provide Placements for UG/PG students. d) To support for Entrepreneurship. e) To provide technical support for Center of Excellence and Innovation Cell. f) To conduct Webinars, Expert lectures, and Seminars as per availability.



STTP / FDP / CONFERENCE / WORKSHOP/ EXPERT SESSION/ COURSES ORGANIZED



Faculty orientation program on Tips for writing reserach paper and Mandeley tool

Faculty orientation program on Project based Learning and Uniform implmenation

An Online 32 Hourse certification Curse on Androd application Dvelopmnet

32 Hours Certification course on "Digital Image Processing Using PYTHON"

RESEARCH PUBLICATION IN NATIONAL AND INTERNATIONAL JOURNALS/ EDITED BOOKS/ PROCEEDINGS / CONFERENCE



A Paper on "Empirical Study of Predicting Critical Temperature of a Superconductor Using Regression Techniques" by Radhika V. Kulkarnii International Springer Conference

A Paper on "Demand forecasting for Inventory optimization " by Manish R. Khodaskar in Journal of emerging Technologies & Innovative research(JETIT)

A Paper on "Exo-skeleton ARM " by Manish R. Khodaskar in Journal of emerging Technologies & Innovative research(JETIT)

**RESEARCH
PUBLICATIONS**

Some Glimpses

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Privacy policy](#)

Dismiss

Participants

Type a name

Share invite

Presenters (3)

Mute all

Manish Khodaskar

Dr. Y. Ravinder

Pujashree_Vidap
Organizer

Attendees (32)

Mute all

Abhishek Kulkarni

Anuradha Yenikar

BK Bhakti Kadam

Deepak Shinde

DP Dhanashree Patil

Dr. Anant Bagade



Dr. Y. Ravinder



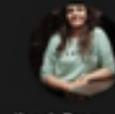
Mayur_Cha...



Pujashree_V...



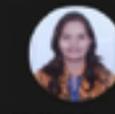
Prof. Sarang...



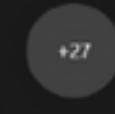
Kopal_Gang...



Sachin Shelke



Madhuri_M...



+27



Participant

Request control



Leave

19:54

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Mute all

Manish Khodaskar

Dr. Y. Ravinder

Pujashree_Vidap
Organizer

Attendees (51)

Abhishek Kulkarni

Ankita Patel

Anuradha Yenikar

BK Bhakti Kadam

Deepak Shinde

DP Dhanashree Patil

Dr. Anant Bagade



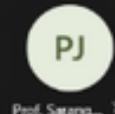
Dr. Y. Ravinder



Mayur_Cha...



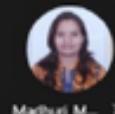
Pujashree_V...



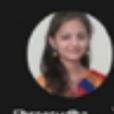
Prof. Sarang...



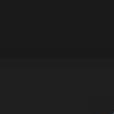
Sachin Shelke



Madhuri_M...



Shreesudha...



+46



Participant

Project Based Learning

Y. Ravinder

Professor

Electronics and Telecommunication Department
Pune Institute of Computer Technology
Pune-411043

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1/28/2022

Y Ravinder

1

The 8 Learning Styles:

- The Linguistic Learner
- The Naturalist
- The Musical or Rhythmic Learner
- The Kinesthetic Learner
- The Visual or Spatial Learner

1/28/2022

Y Ravinder

6

Project Based Learning and Uniform Implementation

Some Glimpses

19:31 Request control

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 **SCTR's**
Pune Institute of Computer Technology (PICT)
Department of E&TC Engineering

RESEARCH PAPER WRITING - PHASES

Before Starting the Manuscript

- *I am going to have an excellent paper published*
- *I am all ready with a scrupulous survey*
- *I have carried out really good experimentations*

Sachin Pande Manish Kho...
Dr. Prashan... Dr. Mousami M...
UJ +43
Usha Jogale...

01:35:53

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Manish Khodaskar
Dr. Archana Ghotkar
Rutuja Kulkarni
Sumitra Jak...
Shital Patil
Dr. Mousami Munot
Vinit Tribhuvan
Ravindra M...
2
+10

Tips for writing research paper and Mandeley tool