

2022 | ISSUE 2

Pune Institute of Computer Technology Academic Year 2022-23

Department of Information Technology



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MEET OUR TEAM

INFORMATION TECHNOLOGY



Sitting:Dr.S.B.Deshmukh, Dr.S.C.Dharmadhikari, Dr.A.S.Ghotkar, Dr.P.T.Kulkarni, Dr.R.Sreemathy, Dr.A.M.Bagade, Dr.K.A.Sultanpure, T.A.Rane, S.S.Pande

1st Row: U.A.Joglekar, D.D.Londhe, A.M.Kulkarni, A.V.yennkikar, R.A.Karnavat, S.A.Jakhete, K.Y.Digholakar, Dr. R.V.Kulkarni, D.S.Sapkal, B.S.Katewal

2nd Row:S.T.Kembhavi,S.L.Rane,Dr.J.B.Jagdale,A.S.Kadam,S.R.Hiray,S.G.Patil, D.V.Patil, P.S.Shinde,F.S.Kazi

3rd Row: G.S.Pise, J.K.Kamble, M.K.Shegonkar, N.V.Buradkar, V.R.Jaiswal, M.R.Khodaskar, R.B.Murumkar, V.R.Tribhuvam

4th Row: A.C. Karve, S.D. Shelke, B.S. Jadhav, S.S. Shinde, H.J. Joshi, S.R. Warhade

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

IT'S MY GREAT PRIVILEGE TO PRESENT IT-DEPARTMENT NEWSLETTER 2022-23-2ND ISSUE. "EDUCATION IS NOT THE LEARNING OF FACTS BUT THE TRAINING OF THE MINDS TO THINK" AND YES, WE IT DEPARTMENT TRAIN YOUNG MINDS TO THINK. I BELIEVE THAT STUDENTS AND STAFF ARE OUR STRENGTH. THIS NEWSLETTER CAN GIVE INSIGHT OF IT DEPARTMENTS ACHIEVEMENTS AND BEST PRACTICES OF THE DEPARTMENT TO ALL STAKE HOLDERS. TECHNOLOGY CHANGES OVER TIMES WITH INNOVATIONS. THIS CHANGE IGNITES YOUNG MINDS FOR NEW IDEAS WITH RESEARCH. PICT STRONGLY BELIEVES EDUCATION WITH RESEARCH, AND IT REFLECTS THROUGH OUR STUDENT'S SUCCESS IN VARIOUS COMPETITION SUCH AS NATIONAL AND INTERNATIONAL HACKATHONS/ PROJECT COMPETITIONS/ RESEARCH PUBLICATIONS/PRODUCT DEVELOPMENT. I AM GLAD TO SHARE OUR STUDENTS AND STAFF ACHIEVEMENT THROUGH THIS NEWSLETTER.



DR.ARCHANA S. GHOTKAR 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. S. GHOTKAR MAM FOR HER CONTINUOUS MOTIVATION, INPUT, AND SUPPORT FOR THIS NEWSLETTER ALSO I WOULD LIKE TO THANK DR.A.A.KADAM AND MRS. S.G PATIL FOR THEIR EVERLASTING SUPPORT THROUGHOUT THE CREATION OF THIS NEWSLETTER.

MR. JAGDISH K. KAMBLE ASSISTANT PROFESSOR, IT DEPT

Canva

FROM THE STUDENT'S CORNER

ROBOTIC PROCESS AUTOMATION (RPA)

Although the term "robotic process automation" (RPA) encourages thinking about robots doing human tasks, actually, it is a software solution. In the context of RPA, a "robot" corresponds to a software program. For business processes, the term RPA stands for technological extrapolation and human worker whose goal is to solve structured and repetitive tasks quickly and profitably.

Robotic process automation (RPA) is a software technology that makes it convenient to build, deploy, and manage software robots that emulate human actions in interaction with digital systems and software. Just like humans, software bots can do things like perceive what's on the screen, complete the correct keystrokes, navigate systems, identify and extract data, and perform a wide variety of defined actions. But software bots can do it efficiently and more consistently than humans, without having to get up and stretch or take a coffee break.

RPA is not AI and AI is not RPA. But the combination of RPA and AI is unlocking huge new possibilities for businesses everywhere. First, RPA technology now makes it possible to embed advanced artificial intelligence skills in the form of machine learning models, natural language processing (NLP), character and image recognition, and more into RPA robots. Giving AI robots these skills dramatically expands their ability to handle cognitive processes that require things like:

- Understanding documents including semi-structured or unstructured data
- AI also makes it possible to scientifically discover a variety of automation opportunities and build robust automation pipelines through RPA applications such as process mining.
- Screen visualization (including virtual desktops)
- Understanding speech and continuing conversations and chats

And at a time when companies need to accelerate the integration of AI into frontline operations and decision-making, many are finding that RPA can serve as a "last operations system."

Robots can be configured to apply machine learning models to automated decision-making processes and analytics, bringing machine intelligence deep into everyday operations.

To build and manage an enterprise-wide RPA program, you need technology that can go far beyond just helping you automate a single process.

You need a platform to help you build and manage a new enterprise-wide function and help you become a fully automated enterprise^{TM}. Your RPA technology must support you end-to-end, from discovering great automation opportunities to rapidly building high-performance bots to managing thousands of automated workflows.

When you combine the quantifiable value of RPA with its ease of implementation compared to other enterprise technology, it's easy to see why RPA adoption is accelerating worldwide. RPA can help many different types of industries solve their specific operational problems in new and efficient ways. Functional area leaders from finance to customer service to marketing to human resources and more are finding that RPA improves many processes, delivering greater capacity, faster throughput and fewer errors in key processes.IT leaders are finding that RPA can be implemented with little disruption. And because software bots can easily access and work within legacy systems, RPA has become a key enabler for digital transformation. And modern RPA technology offers scalable business-ready platforms.

SHREYA SHETTI
TE-10
ROLL NO. 33273

CONGRATULATIONS on achieving Photo



DR.J.B.JAGDALE

Assistant Professor



DR.R.V.KULKARNI

Assistant Professor



DR.S.B.DESHMUKH

Assistant Professor



DR.A.A.KADAM

Assistant Professor

PLACEMENT HIGHLIGHT'S

teartly

Congratulations

SHRADDHA WAKCHAURE 41 LACS CTC ADOBE INC.

DISHA CHAVAN 41 LACS CTC ADOBE INC.

LOKESH GHULE 33.1 LACS CTC PHONEPE

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

	FACULTY COORDINATOR	NAME OF INSTITUTE / COMPANY/ INDUSTRY/RESEARCH CENTER	PURPOSE	
♦	Dr. Radhika V. Kulkarni	JyoSH AI Solutions Pvt. Ltd. Thane	◆ Training on AI, IoT and Robotic, internship and employment opportunit	d
+	Dr.A.M.Bagade	→ Mastercard	Research and Develop	oment
*	Dr. Radhika V. Kulkarni	→ AlgoAnalytics Pvt. Ltd.,	project Mentoring, Internship opportunitie Placements opportuni Entrepreneurship	•
*	Mr.Vishal R.Jaiswal	→ NCRB, New Delhi	→ "Unify-The missing Ch Finder" Software	nild

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



32 hours Certificate course Student Technical Enhancement Program (STEP) on AI, ML, and Big Data

10 Hours Short term training program on "Get Ready for Placement"

40 hours Certification Course on C++ Programming

Language

1 Day Faculty Orientation Program on DL and LP-IV

A session on Stress management and Patenting How to Start

A session on Scientific Paper Writing and Essentials of Data Science in Industry (Rethinking Business, Technology and Data)

one day "Seminar Poster Presentation"

Competition on Saturday, 29th October 2022 for third year student of IT department

Professional Development Activity

Different Activities and Event organized for students like Competitive Coding Competitions on HackerRank Platform, Views Sharing Series by Top Placed, Alumni & Industry Experts, Competitive examination Guidance (GATE, GRE, CAT, TOEFL, etc.), Company Specific Training, Communication skill, Aptitude and Quantitative Training,

These PDA activities are motivated students to take up -

and the second section of the section of the

- 1) Seat in Top 10 universities/IIM/IIT during their PG / MS /MBA Program
- 2) Top company during placement drive and best package during on campus and off campus opportunities
- 3. Seat in civil services

Activities

Views sharing session - 'Journey to fetch Top job opportunity on Thursday, 13th August 2022 by Students placed in PhonePe and Deutsche Bank

Hacker Rank Contests, 10 contests from 27th August to 23rd November for SE,TE and BE IT Students

Aptitude Tests, 5 Tests from 23rd September to 3 November for SE,TE and BE IT Students



Name	Company Name	CTC(in lacs)	Name Company Name		CTC(in lacs)
Shlok Ritesh Shaha	Druva Software	27.03	Anuja Patil Deutsche Bank		19.63
Suyash More	Druva	27.03	Shashank Kapadnis	Deutsche Bank	19.63
Megha Dandapat	Druva	27.03	Shashank Kapadnis	Deutsche Bank	19.63
Kaustubh Mhaisekar	Goldman Sachs	24	Janhavi Kolte	Deutsche bank	19.63
Kaiwalya Aney	BNY Melon	21.67	Samarth Naphade	Deutsche Bank	19.6
Vaishnavi Dhadiwal	BNY Mellon	21.64	Samarth Naphade	Deutsche Bank	19.6
Megha Sonavane	BNY Mellon	21.64	Abhijeet Mahajan	Turtlemint	18
Prasad Sanjay Khalkar	BNY Mellon	21.64	Vaibhav Sanjay Bichave	Ittiam System Pvt	16
Siddharth Koli	BNY Mellon	21.64	PUSHKAR LONKAR	Ittiam Systems Pvt	16
Krishna Vijay Gadam	BNY Mellon	21.64	Swapnil Ajit Chhatre	Veritas Technologies	15.79
Prasad Sanjay Khalkar	BNY Mellon	21.64	Syed Farhan Naqvi	Veritas	15.79
Pratik Gadhave	BNY Mellon	21.63	Kaushal Mahajan	FinIQ	15
Swaleha Shaikh	Deutsche Bank	19.63	Sahil Date	UBS	14.5
Bhavana Sandeep Sanap	Deutsche Bank	19.63	Utkarsh Sanjay Magar	UBS	14.5
Janhavi Kolte	Deustche Bank	19.63	Vedant Rathi	ION Group	14.1
Ketan Suryabhan Pathare	Deutsche Bank	19.63	Siddharth Bora	ION Group	14.1
Pratham Bhokare	Deustche Bank	19.63	Rushikesh Kulkarni	ION group	14
Shashank Kapadnis	Deutsche Bank	19.63	Rushikesh Kulkarni	ION group	14
Koushal Bhat	Deutsche Bank	19.63	Aagaaz Ali Sayed	Aspect Ratio	14



Name	Company Name	CTC(in lacs)	Name Company Name		CTC(in lacs)
Shivendra Bhonsle EQ Technologic 1		13.8	Neeraj Vaibhav Bhansali	Bajaj Finserv	12.8
Shivani Gaikwad	ZS Associates	13.65	Harshil Shah	Bajaj Finserv	12.8
Gauri Gopal Shivsharan	ZS Associate	13.65	Omkar Shamrao Pawar	Bajaj Finserv	12.8
Rutwik Saraf	ZS Associates	13.65	Mihir	Bajaj Finserv	12.8
Rahul Patil	ION GROUP	13.6	Sudarshan Gawale	Barclays	12.7
Dhanashree Lavekar	Barclays	13.32	Amey Godse	Barclays	12.6
Manasi Muluk	Barclays	13.32	Prajakta Shringarpure	Barclays	12.6
Esha Anvekar	Barclays	13.32	Bhavana Bafna	Barclays	12.6
Amruta Mahesh Darak	Barclays	13.32	Aditi Shankarrao Pingle	Barclays	12.6
Ashmika Gupte	Barclays	13.32	Prerna Rathi	Barclays	12.6
Sanchit Kalsi	Barclays Bank PLC	13.3	Karan Boonlia	Barclays	12.6
Ekta Jain	Barclays	13.2	Karan Boonlia	Barclays	12.6
Om Jain	Pubmatic	13	Nandini Patil	Barclays	12.6
Aniket Khandave	Pubmatic	13	Pratiksha Ashok Solankar	Barclays	12.6
Atharva Abhay Sarwate	Pubmatic	13	Om Mapari	Barclays	12.6
Mayur Jain	Kylas	13	Atharva Abhay Sarwate	Pubmatic	12.6
Kumar Deshmukh	Kylas	13	Sujit Khopade	BMC Software	12.5
Rashi Khandelwal	Bajaj Finserv	12.8	Akash Kulkarni	ZS Associates	12.5
Anuj Pandey	Bajaj Finserv	12.8	Shweth Shetty	BMC Software	12.5



Name	Company Name	CTC(in lacs)	Name Company Name		CTC(in lacs)
Devang Mahesh Papinwar	evang Mahesh Papinwar ZS Associates 12.5		Jaykumar Manishkumar Chandak	Innoplexus	12
Ekta Yatishkumar Jain ZS Associates 12		12.5	Aditya Paranjape	Innoplexus	12
Manojkumar Sirvi	UBS	12.5	Sagar Dhoot	HDFC	12
Kshitij Deshpande	BMC Software	12.5	E shw ari Patole	IDeaS	11.21
Sudeep Milind Mangalvedhekar	BMC software	12.5	Gaurav Shinde	IDeaS	11.21
Anmol Koul	UBS	12.5	Isha Girish Kanade	Siemens Digital	11
Yash Patwardhan	UBS	12.5	Dishitaa Mahale	Siemens Digital	11
Janvi Sunil Santani	UBS	12.5	Pushkar Kane	Siemens Digital	11
Shreyas Nahar	UBS	12.5	Megha Dandapat	Siemens Digital	11
Shubham Sandanshiv	UBS	12.5	Isha Kanade	Siemens Digital	11
Satyajeet Sankpal	HDFC Bank	12.41	Adwait Deshmukh	Ria advisory	10.5
Aditya Avinash Muthal	Avaya	12.07	Prasad Gosavi	RIA Advisory	10.5
Amaan Arif Naikwadi	Avaya	12.07	Tejal Madhukar Varpe	Pubmatic	10
Rhutvij Chiplunkar	Avaya	12.07	Neil Deshpande	PubMatic India Pvt.	10
Sunand Goel	Barclays	12	Vishwajit Shelke	Pubmatic	10
Vedant Deshpande	ACIWorldwide	12	Deepak Abande	Toshiba	10
Vaishnavi Dilip Gadekar	ACIWorldwide	12	Vaishnavi Khose	Schlumberger	9.58
Diptesh Ravindra Varule	ACIWorldwide	12	Mahesh Shinde	Wissen Technology	9.5
Abhishek Lande	ACIWorldwide	12	Abhijeet Khedkar	Ugam merkle Analytics	9

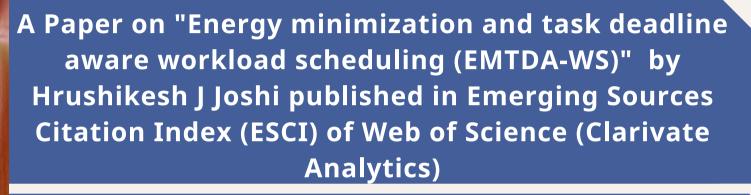


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Name	Company Name	CTC(in lacs)
Soham Patil	CLSA	8.4
Sumit Chavan	CLSA	8.4
Ashish Ramesh Patil	CLSA	8.4
Pranit Zanwar	Principal Global Services	8
Aniruddh Sonawane	Principal Global Services	8
Zain Abedin Naim Shaikh	Principal Global Services	8
Kiran Parkhe	E2open	8
Sunit Kamble	e2open	8
Sayee Nitin Bhoite	E2Open	8
Rasika Choraghe	e2open	8
Gaurav Mahant	E2open	8

Name	Company Name	CTC(in lacs)
Janhavi Nirale	E2Open	8
Vishal gangurde	E2OPEN	8
Sakshi Dalvi	ElasticRun	8
Apurva Subhash Parkhi	E2Open	8
Kajal Dhatrak	E2Open	8
Smeet Ramteke	E2Open	8
Harish Deshpande	e2open	8
Yash Kale	NICE Systems	8
Janhavi Sudhir Nirale	E2open	8
Ankita Bharsakle	Infogen labs	8
Nisha Rudrawar	e2open	8



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



A Paper on "Efficient Cryptographic Protocol Design for Secure Sharing of Personal Health Records in the Cloud" by Dr.Emmanuel M in IGI Global, USA

A Paper on "Semantic relational machine learning model for sentiment analysis using cascade feature selection and heterogeneous classifier ensemble" by Anuradha Vishwajit Yenkikar in PeerJ Computer Science

A Paper on "Deep Learning for Art Characterization" by Manish R Khodaskar in International journal of creative research thoughts (IJCRT)

Achievements/Awards/Certificates of Students

- PICT- IT Students developed "Dadachi Shala" website for NGO
- Manthan Ideathon organized SEBI (Securities and Exchange Board of India)
- Goldman Sachs Virtual Program By Forage
- SAP Virtual Program By Forage
- Student Delegate at Young Leaders Summit organized by IIM Bangalore
- Cybersecurity Hackathon organized by Rise and Thrivedx
- Hall of Fame for reporting security vulnerabilities organized by Deutsche Telekom vulnerability disclosure program
- Hall of Fame for reporting security vulnerabilities organized by Inflectra Co.Op. vulnerability disclosure program
- Smart India Hackathon
- Xenia (Hacker House) organized by PICT

HACKATHON PARTICIPANTS FROM IT DEPT	32
HACKATHON WINNERS FROM IT DEPT	21





PICT's Team 'Antons' won the First prize

UNESCO INDIA AFRICA HACKATHON 2022

Organized by

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA & UNESCO
Conducted at Gautam Buddha University, Noida

Date: 22-26 November, 2022.

In presence of

Shri. Yogi Adityanath (Honorable CM of UP)

Shri. Jagdeep Dhankhar (Honorable Vice President of India)

Smt. Anandiben Patel (Honorable Governor of Uttar Pradesh)

Shri Dharmendra Pradhan (Honorable Education Minister).





27 Countries!

600+ Students!

100+ Teams !

100s of Mentors!

SPOC and Mentor

60+ Evaluators !

- Dr. Kavita Sultanpure

20 Problem Statements!

4 PICT Students!

2 PICT -IT Students!

Winner in Different Hackathon Competition





























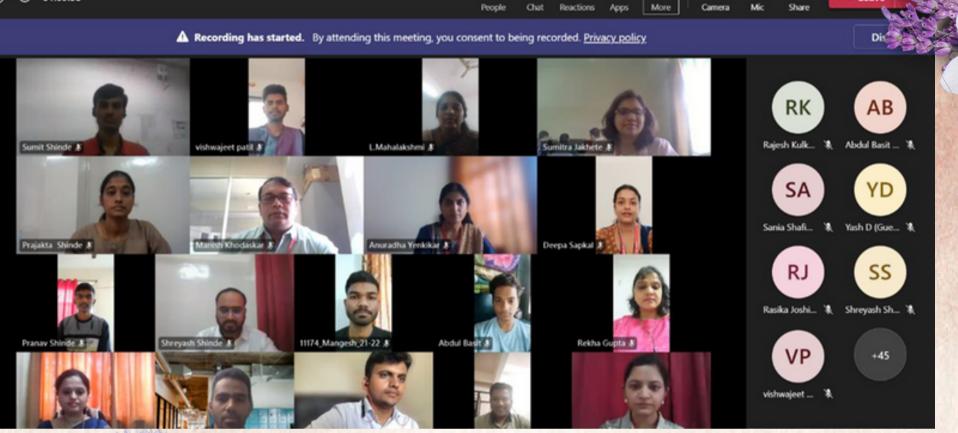


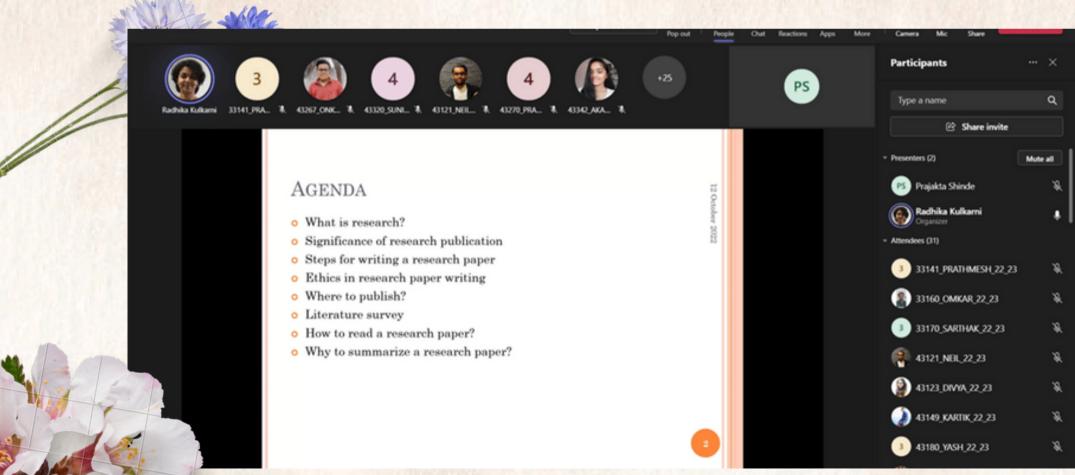
www.sih.gov.in





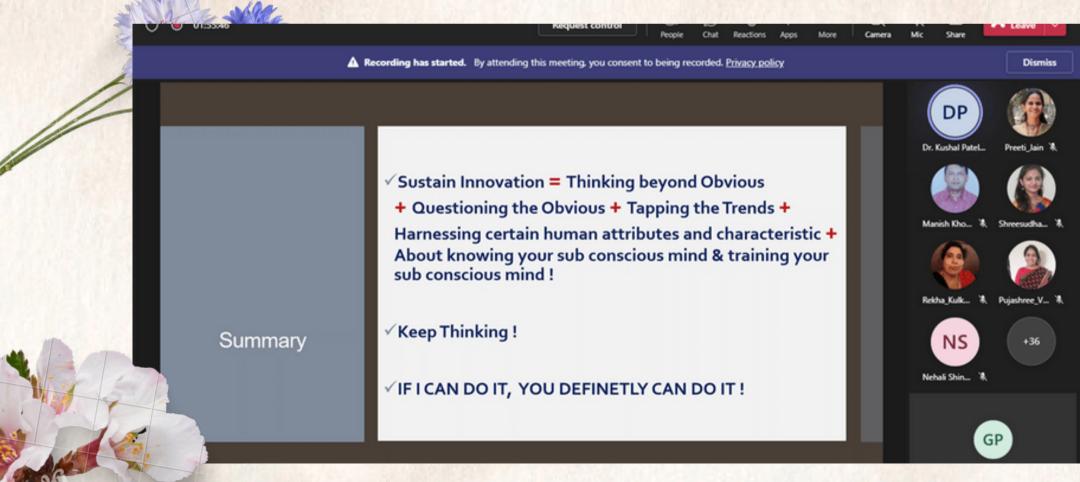
Winner in Different Hackathon Competition





Effective Research Paper Writing and Use of Mendeley Reference Manager Tool













Certification Course on C++ Programming Language



MOU with Jyosh Lab





MoU signed with MasterCard for collaboration and research



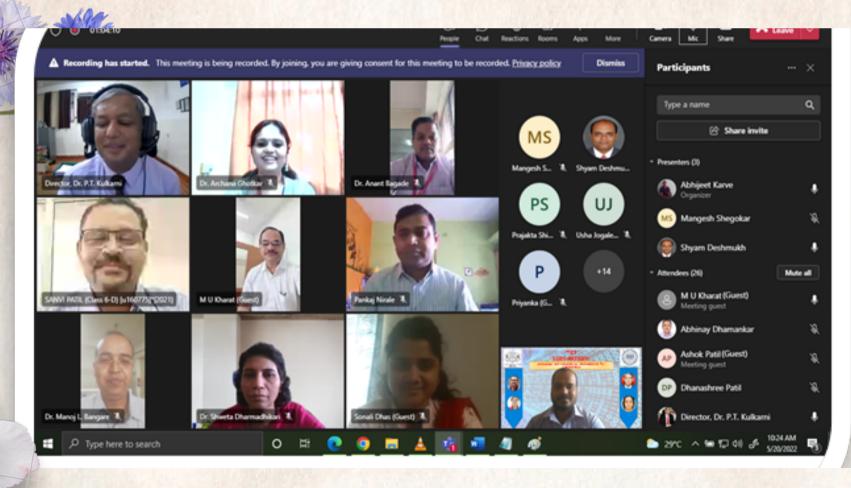
Joysh Robotics Workshp





Seminar Poster Presentation Competition





iPGCON Post-Graduate Conference in association with SPPU, Pune.



OUR PRIDE - ALUMNI















Shivee Gupta Nisha Gandhi

Shraddha Kadu

Siddhesh Badrinarayan



Amar Chandole

Rasika Pohankar

Swanand Joshi



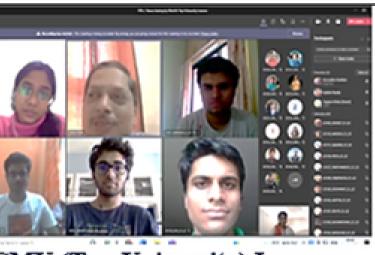
Nikita Gupta

Vedant Joshi

Gauri Vankudre



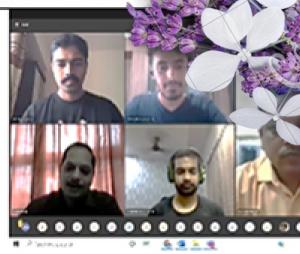




CMU (Top University) Learner



IIM, Calcutta Learner



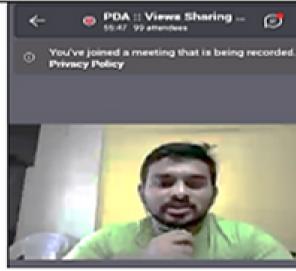
Top placed students of 20



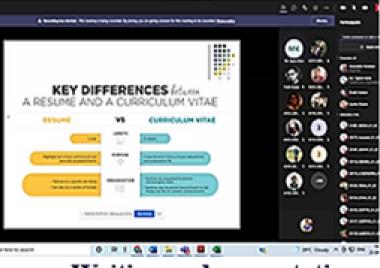
Best off-campus Placed Alumni



Entrepreneurs of PICT



Gate Topper AIR-9



esume Writing and presentation



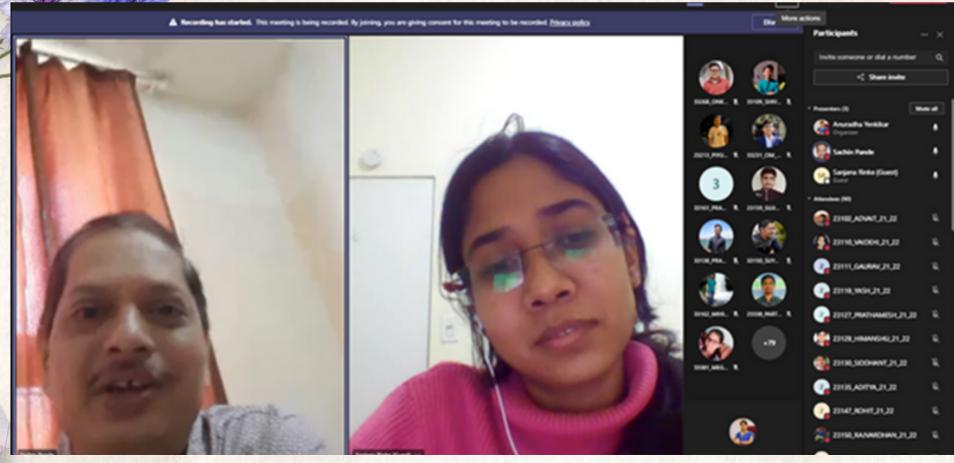
Top Placed students of 2021



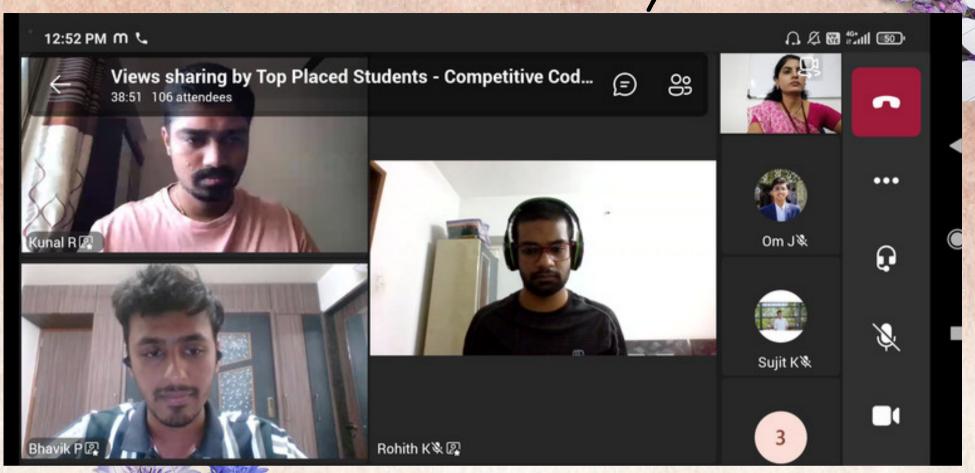
Top Placed students of 202

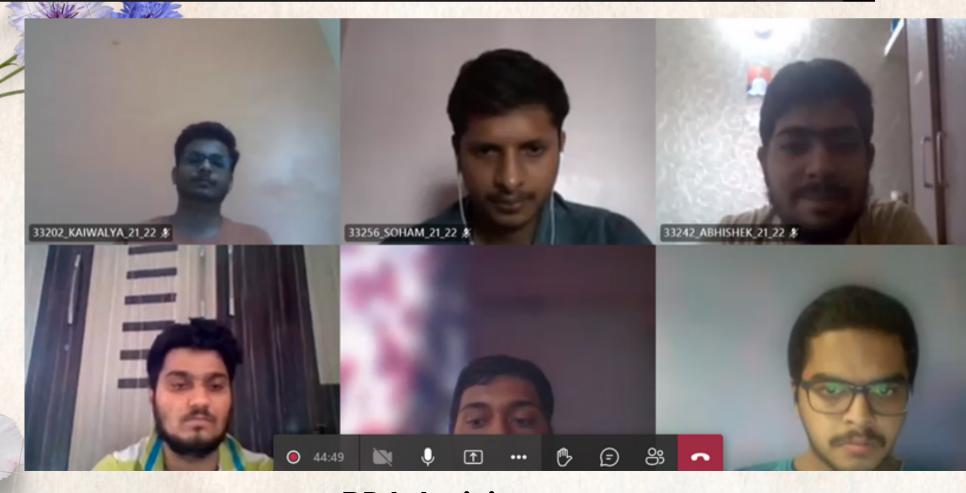
Alumni connect for guiding and mentoring students



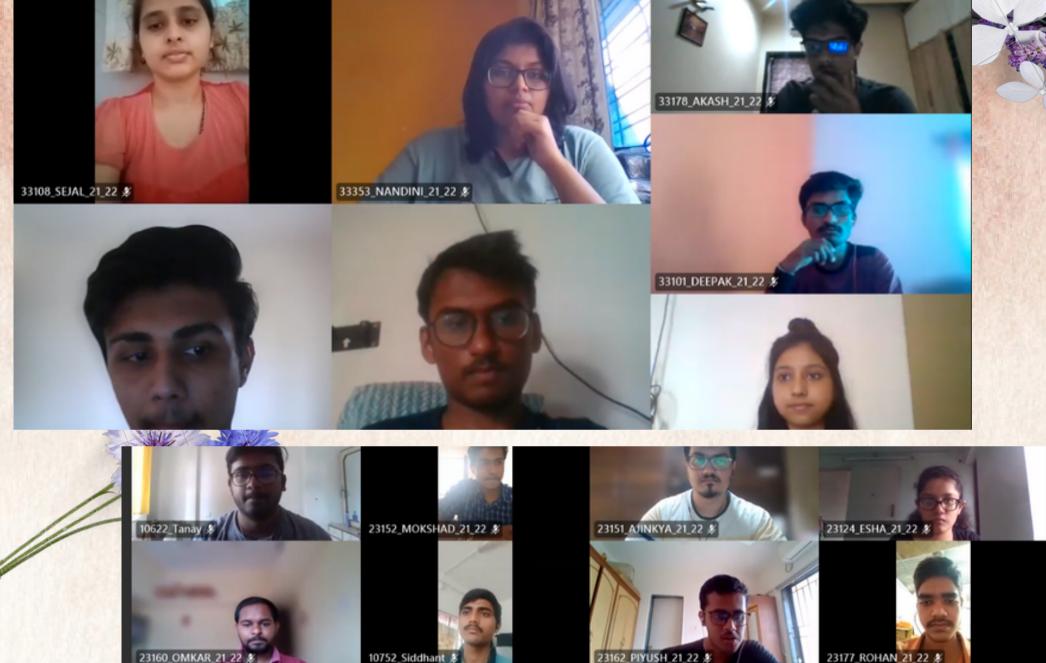


PDA Activity





PDA Activity



PDA Activity