Department of Information Technology

NEWSLETTER 2021-22

VISION

To Be recognized as an ingenious department that provides value added education with technology excellence to transform students into lifelong learners and ethical professionals.

MISSION

M1- To provide excellent academics with positive atmosphere in the domain of information technology.

M2- To impart new technologies with innovative and interactive teaching learning.

M3- To encourage students for higher studies, skilled professionals and future entrepreneurs.

M4- To groom the student with ethical and social value.

From HoD's Desk

The department aims at addressing essential challenges faced by our country's IT industry, commerce society and academia.
Department of information technologies prepared to meet the challenges and is playing a leadership role in shaping the education by providing unique educational research opportunities in the forefront of information technology, Computer engineering and their applications is in multidisciplinary domains.

More importantly, we believe in upholding our unseasoned commitment to our students, helping them to learn, grow, develop, and achieve their goals in their pursuit to excel in their professional career.

Our goal is to nurture students providing the balance of intellectual and industry needs that requirements which will help them, develop and create solutions to tackle problems at a professional, social, National and International Level . Students are encouraged to become good software professionals who can be productive to the organization from the daily joined team or explore entrepreneur opportunities using their own innovative ideas and concepts.

Prof. Sarang Saoji
HoD, Department of Information Technology

FACULTY LIST

• Dr. Jyoti Surve	• Prof. Pranali Deshmukh
• Prof. Sarang Saoji	• Prof. Ekta Choudhari
• Prof. Vishal Chaudhary	• Prof. Deepak Uplaonkar
• Prof. Sameer Mamadapure	• Prof. Sonali Rangdale
• Prof. Anand Bhosale	• Prof. Monali Bansode
• Prof. Manjusha Amritkar	• Prof. Sayali Sabale
• Prof. Keshav Tambre	
• Prof. Bhavana Kanawade	

UNIVERSITY TOPPERS

- ## B.E. Toppers as per CGPA

Rank	Name	CGPA	Class
1	Aashutosh Bharadwaj	10	Dist
1	Pooja Mangwani	10	Dist
1	Pratibha Adhav	10	Dist

- ## T.E. Toppers as per SGPA

Rank	Name	SGPA	Class
1	Janvi Nandre	10	Dist
1	Khushi Dhake	10	Dist
1	Ankit Gunjal	10	Dist

- ## S.E. Toppers as per SGPA

Rank	Name	SGPA	Class
1	Ajinkya Nangre	9.91	Dist
2	Avishkar Patil	9.86	Dist
3	Ayush Bendale	9.77	Dist

ACM & ITSA ACTIVITES

- **Quizzicle**

For this event we judged the participants based on various topics- GK, technical, TV series, movies, history, logical reasoning, current affairs, sports and much more. We had a total of 42 participants, where the participants were not only from our college but from other colleges too. We conducted a total of three rounds to find our Quizmaster. All the rounds were elimination rounds, where at each round; the level of difficulty was increased. Each round consisted of 25 questions. After every round, last 10 candidates from the leader board were eliminated. Winners were awarded with attractive cash prizes.
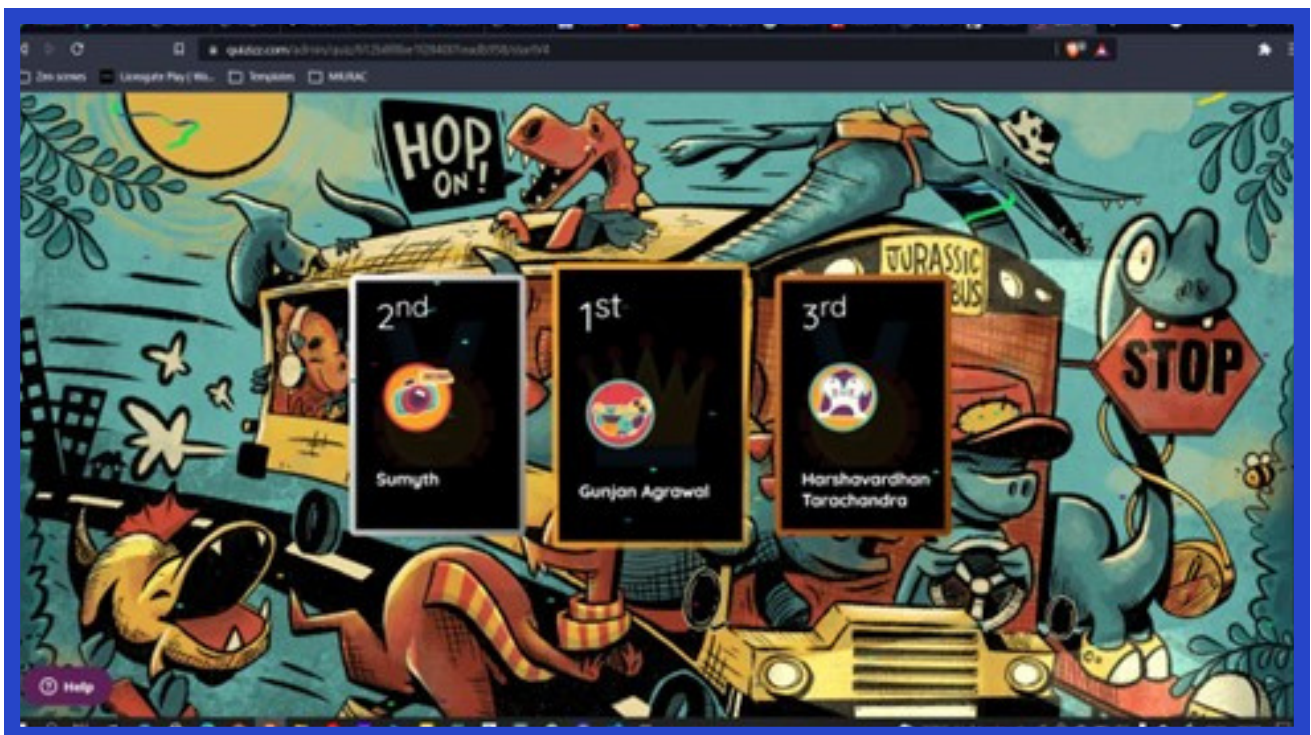
ACM & ITSA ACTIVITES

- **Artisan**

The Artisan digital art competition was organized as a part of ACM day celebration. This event was organized to encourage students to showcase their digital artwork skills. The theme of the event was chosen as "AI - Fiction and Reality". Participants were given 24-48 hours to create and submit a Digital Artwork created on platform of their choice for the theme of AI-Fiction & Reality. Coordinators then passed the artworks received in .png format to social media team. All these beautiful artworks were then posted as Instagram stories. The followers had time of 24 hours to select best artwork. Winners were then announced based on the amount of likes and dislikes. The final evaluation of the artworks was done based on parameters such as Online Votes, Relevance to topic, Clarity, and Presentation. Three final winners were announced through Instagram handle.
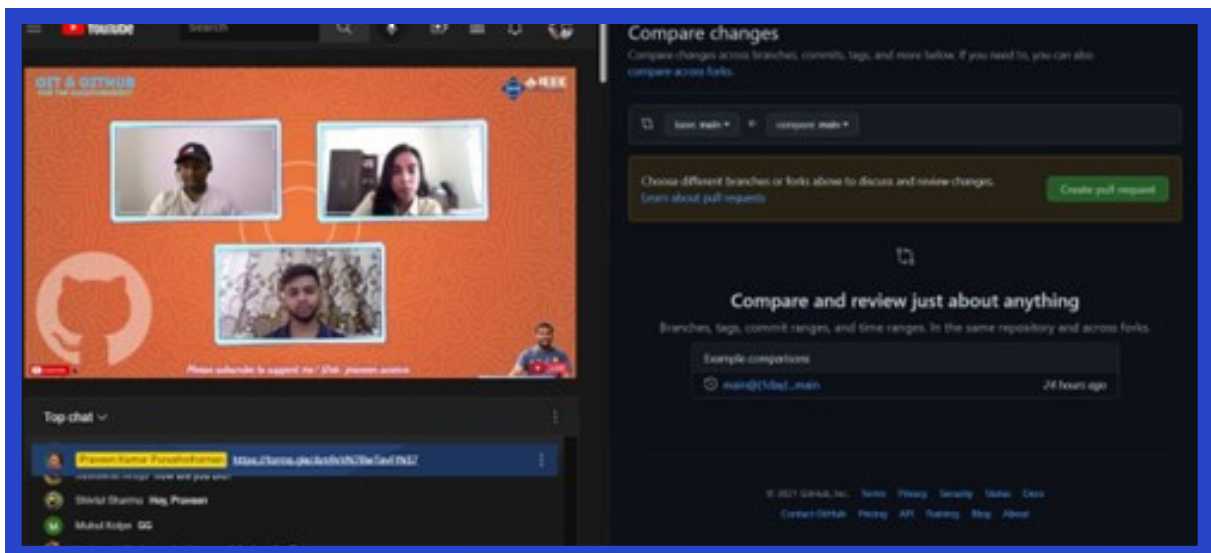
ACM & ITSA ACTIVITES

- **GitHub Workshop**

When we talk about Open Source, we often hear the words Git, GitHub being tossed around, but do we really know what they are, their benefits, and how they are different? To clear all these queries about Open Source, Git, GitHub, Mr. Praveen Kumar expert in all these technologies was invited. Our aim was to enlighten participants about these buzzwords, thus encouraging our fellow college mates to contribute to the world of Open Source.

In this event, our guest speaker guided us through the world of open source, its importance, benefits, and how contributing to open source will help students. He also directed to how we can take our initial steps to become an open-source enthusiast and a contributor. He explained the buzzwords i.e., Git and GitHub, and helped students understand these technologies and how to use them to their advantage. He also helped students join for GSoC. He introduced Hacktoberfest and motivated students to participate in it.

ACM & ITSA ACTIVITES

- **Blog Aura-21**

The event was conducted by the committee members of ACM Student Chapter of I2IT. Participants were asked to register for the competition through Google forms. They were supposed to write blogs on blogger.com with their desired templates.

In Round 1, participants were given 5 technical topics viz

Full Stack Development, Data Science, Cloud Computing, Deep Learning, Cyber Security

Plagiarism was set as 20% for the same. In first round out of 20 blogs, 8 blogs qualified for next round.

For Round 2, topics were

- Myths about Full Stack Development
- Deep Learning models for Computer Vision
- Cyber Security on Social Media

This time, plagiarism was 10% and based on judge's evaluation

- Rank 1: Rishabh Moharir
- Rank 2: Kalpesh Khairnar
- Rank 3: Aditi Naik

ACM & ITSA ACTIVITES

- ### ESP(Eminent Speaker Program)

Dr. Rahul Johri was the speaker of the webinar. He is a member of ACM, IEEE, IAENG, Data Security Council of India and Cloud Computing Innovation Council of India. The event started with a brief introduction about Block-chain given by the speaker, its use cases and role of government in security, measures taken to increase security by using Block-chain technology. Thereafter speaker explained a Java code demonstrating how to hash a credit card number using MD5 message digest. He also informed about the founder and his story associated with this technology. He briefly explained about the three pillars of Block-chain technology which is Decentralization, Transparency and Immutability. By not limiting to the aim of his talk, he also gave the students an insight about what a Block-chain contains and how it connects with the other blocks. He also provided an opportunity for Students to create blocks parallel with the speaker in virtual labs.

GUEST LECTURE

A guest lecture on "Business Intelligence Automation" was organized for final-year IT students, featuring Mr. Vijay Amritkar, a Senior Consultant at Capgemini. He began by introducing Business Architecture, explaining key concepts such as ETL (Extract, Transform, Load), data warehouses, and various applications for processing large datasets. Students learned about creating ETL processes using WinSCP and saw a demonstration of automating these processes with Windows Task Scheduler.

The presentation then shifted to automation, highlighting Microsoft Power BI. Mr. Amritkar showcased its features and provided examples of the ETL process using both Desktop and Cloud versions of Power BI. He concluded with a demonstration on how businesses respond to user feedback through ETL operations, emphasizing sentiment analysis. The lecture was highly informative, deepening students' understanding of ETL processes and Power BI, and equipping them with valuable insights for their future presentations.
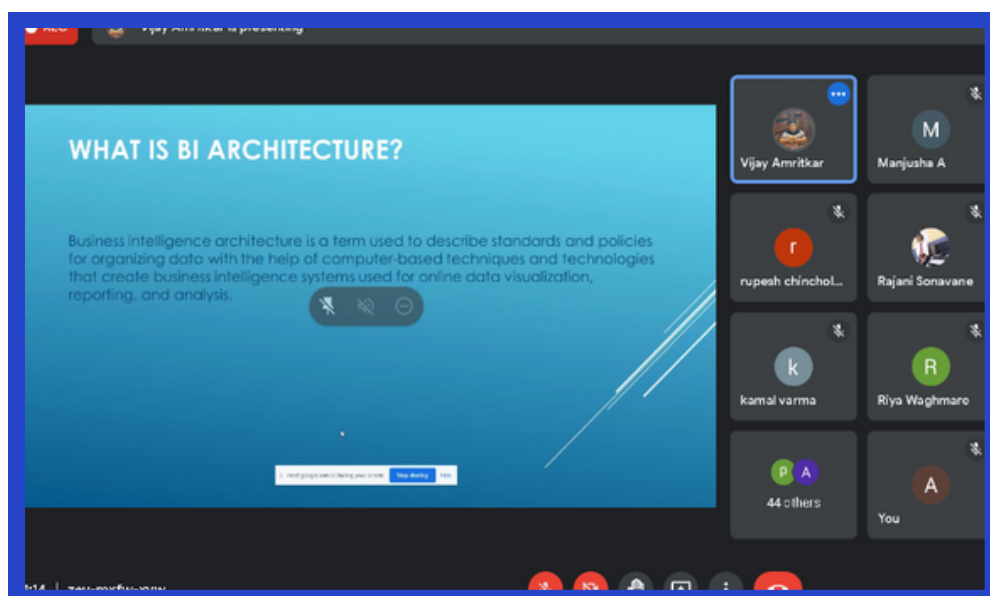
ADD ON COURSE LIST

Sr. No.	Name of the Expert/Guest Session	Duration (in hours)	Name of the Resource Personal	Name of the Industry/ Institute of the Resource Personal	Address of Company	Designation of the Resource Personal	Date
1	React JS	32	Kushal Jalane	InternLab	Pune	Founder Director	14/8/21 to 17/8/21
2	Node JS	32	Kushal Jalane	InternLab	Pune	Founder Director	23/9/21 to 27/9/21
3	Advanced Python	8	Sagar Nangare	Sagveek Technology	Pune	CEO	24/11/201/ to 27/11/2021

FDPs and Webinars Attended by Faculty

Sr. No.	Name of the Faculty Member	Title of the Attended FDP/Workshop	State/ National / International	Details of the Organizing Institute/ Organization	Dates	Duration
1	Prof. Bhavana Kanawade	Computer Vision: Past, Present and Future	National	PICT ,PUNE	06-12-2021 to 10-12-2021	5 Days
2	Prof. Manjusha V. Amritkar	Computer Vision: Past, Present and Future	National	PICT ,PUNE	06-12-2021 to 10-12-2021	5 Days
3	Dr. Jyoti Vishwas Surve	International Property rights	Local Region	Indian Institute of Information Technology(IIIT Pune), Pune	10-12-2021 to 10-12-2021	1 Days
4	Dr. Jyoti Vishwas Surve	Enhancement program on AI, ML and Big Data	State	PICT ,PUNE	14-09-2021 to 09-10-2021	32 hours
5	Prof. Manjusha V. Amritkar	FDP on Data Science and Artificial Intelligence	State	MMCOE, PUNE	26-07-2021 to 30-07-2021	5 Days
6	Prof. Sarang Saoji	FDP on "Data Science and Artificial Intelligence"	State	MMCOE, PUNE	26-07-2021 to 30-07-2021	5 Days
7	Prof. Yogita Narule	FDP on Data Visualization using Tableau and PowerBI and Rubiscape	State	MIT,ADT Univertcity	6-07-2021 to 10-07-2021	5 Days
8	Prof. Yogita Narule	FDP on "Artificial Intelligence in Biomedical engineering: Current trends and future	State	Sant Longowal Institute of Engineering and Technology, Longowal	5-07-2021 to 9-07-2021	5 Days
9	Ms. Ekta M. Chaudhari	FDP on Application of Machine learning	National	Rajiv Gandhi Univercity	20-09-2021 to 24-09-2-2021	5 Days

FACULTY ACHIEVEMENTS

- Prof.Manjusha Amritkar has granted a copyright on "Pothole Reporting Application" on 27th July 2021.

- Prof.Pranali Deshmukh has granted a copyright on "Detection of Driver's Drowsiness" on 23rd September 21.

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