

## **Ramdeobaba University Nagpur**

### **Association for Computing Machinery (ACM) Student Chapter**

### **RB****U** (RCOEM ) ACM Student Chapter

#### **About ACM**

ACM, the Association for Computing Machinery, is the world's largest educational and scientific society, uniting computing educators, researchers and professionals to inspire dialogue, share resources and address the field's challenges. ACM strengthens the profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. ACM publishes, distributes and archives original research and first hand perspectives from the world's leading thinkers in computing and information technologies that help computing professionals negotiate the strategic challenges and operating problems of the day. The Association for Computing Machinery was founded as the Eastern Association for Computing Machinery at a meeting at Columbia University in New York on September 15, 1947. Its creation was the logical outgrowth of increasing interest in computers as evidenced by several events, including a January 1947 symposium at Harvard University on large-scale digital calculating machinery.

#### **RCOEM ACM Student Chapter Installation**

The Institute ACM Student Chapter established on 5th October 2018. Dr. U.A. Deshpande, Chair, ACM Professional Chapter Nagpur graced the event as the Chief Guest. It was an inspiration and suggestion proposed after ACM eminent speaker Talk by Dr. Sachin Lodha, Principal Scientist, Research and Development, TCS, Pune delivered a talk on "Privacy—Challenges and Opportunities" on 24<sup>th</sup> March 2017, the institute formed the student chapter

The inauguration ceremony was presided over by Dr. S.D. MohGaonkar, Dean, Second Shift, RCOEM, Dr. M.B. Chandak, Head, Department of CSE and Prof. D. R. Naidu, ACM Student Chapter Head, RCOEM.

On this occasion the institute organized a hands-on session on “Understanding Digital and Mobile Forensics” was conducted by experts Mr. Tanmay Dixit and Mr. Paresh Chitnis. The participants learnt about various techniques used in digital forensics followed by practical orientation. A total of 46 students participated in the workshop. The event was conducted successfully and received a positive response from the students.



Inaugural ceremony of the ACM Student Chapter installation

## ACM Eminent Speaker talk arranged for students by ACM India and Nagpur Professional chapter

Dr. Sachin Lodha, Principal Scientist, Research and Development, TCS, Pune delivered a talk on "Privacy—Challenges and Opportunities" on 24<sup>th</sup> March 2017.



*Dr. Sachin Lodha delivering a talk on "Privacy—Challenges and Opportunities" at Ramdeobaba college MBA Auditorium*

## Events Under RBU ACM STUDENT CHAPTER EVENTS

Year 2024-25

SN	Date	Name of Activity (and its detail)	Level (Institute State/National/In ternational/)	No. of Students Participated
1.	28/11/2024	<b>Introduction to Essential Platforms for CSE Students</b>	<b>Institute Level</b>	<b>629</b>
2.	17/01/2025	Technofrenzy 2.0 Competition on Assembly Algorithm Skill (Problem Solving)	Institute level	70
3.	25/01/2025	Workshop on "Data Science Unveiled," Foundations and Pathway to Mastery in association with Nagpur Professional Chapter conducted by Dr. K. Bhoyar ACM senior member, Mr. Dhaniram Kshirsagar, Solution Architect, Persistent Systems Ltd.	Institute level	150
4.	21/02/2025	Create2innovate Competition on Idea based patenting.	National Level	50
5.	22/02/2025	AI Debate Fest Competition	Institute Level	20
6.	12/03/2025	Seminar by Mr. Vatsalya Mathur Principal Engineer, AUTODESK, San Francisco	Institute Level	300
7.	26/03/2025	Lecture Talk by Dr. Rizwan Ahmed Division Head- Digital Innovation - delaPlex Ltd.	Institute Level	200
8.	14/05/2025	National level Project Competition RBU Computing: INNOVANZA'25	National Level	1300
9.	14/05/2025	Talk by ACM Speaker Dr. Aditya Abhyankar	National Level	350

## Introduction to Essential Platforms for CSE Students

28th November 2024.

The students of Final Year contributed in knowledge sharing with second- and third-year students by conducting session on 28th November 2024.

Lakshay Bogal, Godwin Shalom, Madhav Mahajan, Saket Rathi 7th Semester Section A, Computer Science and Engineering 5th Semester Section A, Computer Science and Engineering 5th Semester Section A, Computer Science and Engineering conducted the session for students

The session began with Lakshay welcoming the attendees and engaging them with questions about their familiarity with various platforms. He then delved into an overview of LinkedIn, GitHub, LeetCode, and HackerRank, highlighting the unique advantages of each for students aspiring to excel in the tech industry. Following Lakshay's introduction, Godwin took over to address any questions from the participants, fostering an interactive atmosphere. The hands-on portion of the session allowed students to create professional work email accounts, as well as LinkedIn and GitHub profiles, ensuring they left with practical skills. The merits of using these platforms were explained and demonstrated, emphasizing their importance for networking, skill development, and enhancing employability. To reinforce the learning experience, the session concluded with a quiz consisting of 10 simple questions, allowing students to test their knowledge from the workshop. Overall, this session proved to be an invaluable opportunity for CSE students, equipping them with essential tools and insights to navigate their future careers



**Introducing Students to GitHub**



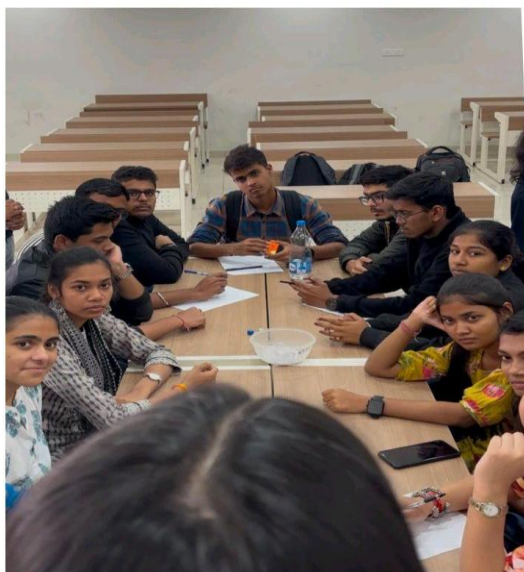


## Introducing Students to CodeChef and Hackerrank

in technology. This encouraged all students to make the most of these platforms as they progress in their studies and professional endeavors total 629 students participated and benefited in terms of Enhancing their Platform Knowledge i.e Increased understanding of how platforms like LinkedIn, GitHub, LeetCode, and HackerRank can support academic success and career advancement. Also Boosted Confidence in Networking particularly on LinkedIn, empowering students to connect with industry professionals.

## TECNOFRENZY 2.0

Date: 17th January 2025 TECNOFRENZY 2.0 An event focusing on Algorithmic Assembling skill conducted to judge the problem-solving abilities.



## Student Participation at TECNOFRENZY 2.0

### Workshop on

### *"Data Science Unveiled," Foundations and Pathway to Mastery:*

25th January 2025, Nagpur the RBU ACM Student Chapter in association with ACM Nagpur professional chapter successfully organized Workshop on "Data Science Unveiled," Foundations and Pathway to Mastery an insightful event that garnered enthusiastic participation from 250 students. The event aimed to provide a comprehensive introduction to the exciting field of Data Science. The event commenced with a warm welcome of our esteemed guests. Initially Dr. Urmila Shrawankar, Director School of CSE, felicitated Dr. Kishor Bhoyar Sir. Dr. Bhoyar is presently working as a Professor in the Department of Information Technology at Yashwantrao Chavan College of Engineering Nagpur. He has completed his Ph.D. in Computer Science & Engineering at VNIT Nagpur in 2010 and is



honoured as a Senior Member of the Association for Computing Machinery (ACM). Dr. Bhoyar has an impressive publication record, having authored more than 50 research papers in reputed national and international journals and conferences.



Felicitations of Mr. Dhaniram Kshirsagar, Solution Architect, Persistent System Ltd.

And Dr. Kishor Bhoyar, ACM Senior Member at workshop on 25th Jan 2025

Dr. Kishor Bhoyar delivered a captivating lecture that provided a comprehensive overview of Data Science. He began by elucidating the fundamental concepts of Data Science, emphasizing its role in extracting meaningful insights from raw data. He then discussed the current state of Data Science, highlighting the latest advancements and emerging trends in the field. The lecture delved into the core concepts of Machine Learning, covering key topics such as supervised learning, unsupervised learning, and reinforcement learning. Dr. Kishor Sir illustrated these concepts with real-world examples, making the session engaging and easy to understand. Furthermore, he explored the diverse application areas of Data Science, ranging from healthcare and finance to marketing and social media. He highlighted the transformative impact of Data Science in various industries and its potential to revolutionize the future. The interactive session that followed the lecture provided an excellent platform for students to engage with Dr. Kishor Sir and ask clarifying questions. His insightful responses and valuable guidance further enriched the learning experience for the participants.



Session by Dr. Kishore Sir, ACM Senior member

Dr. Kishore Sir's lecture captivated the audience with a comprehensive overview of data science, including machine learning concepts illustrated with real-world examples. Students actively engaged with the material. In the second session, Dr. Preeti Vodeltel, HOD CSE-ET felicitated Mr. Dhaniram Kshirsagar. Mr. Kshirsagar is a Software Solutions Architect at Persistent Systems, with 19.5 years of industry experience. He has designed and developed enterprise-level, highly available, reliable, and scalable systems. Mr. Kshirsagar's areas of specialization include the telecom domain, with expertise in OMA MLP, SUPL, OpenGIS OpenLS, Qualcomm gpsOne, AGPS, and various SS7 protocols. He has also worked extensively with Java/J2EE, Spring, JAIN SLEE, Apache JGroups, SOAP, XML, GWT, C++, and Android app development. Prior to his current role at Persistent Systems, Mr. Kshirsagar has worked with Accelerate, demonstrating his breadth of experience in the technology industry.





Students participating in an interactive activity by Mr. Dhaniram Kshirsagar from Persistent Systems Ltd.



**Data Science Unveiled – A packed lecture hall.**

This engaging session aimed to provide students with an in-depth understanding of the industry's expectations and the potential opportunities within the domain. An interactive activity attendees understanding of key AI concepts. The large turnout reflects the high level of student interest in data science and its potential applications. The event provided a valuable platform for learning and networking.



Members from ACM Nagpur Professional Chapter at workshop on "Data Science Unveiled" team on 25<sup>th</sup> Jan 2025, RCOEM, Nagpur

*Members from Persistent Systems. Dr. Ravindra Keskar, Dean Associate (IPR and Innovate), VNIT Nagpur. Mr. Laxman Potbhare, Principle Engineer, Persistent Systems. Mr. Abhijeet Balki Senior Architect, Dr. P. Assudani RCOEM. A commemorative photograph featuring guest speakers, organizers, and faculty members. The photo captures the collective effort and success of the event.*

Students' active participation demonstrated their growing interest in the field. Students participating in an interactive activity by Mr. Dhaniram Kshirsagar from Persistent Systems Ltd. Later an interactive quiz further engaged the participants, testing their grasp of key AI concepts. Students actively participated, showcasing a growing interest in data science. The registration Qr code and contact details were available on the screen. Students were feeling free to reach out if they have any questions or doubts. Data Science Unveiled – A packed lecture hall. The large turnout reflects the high level of student interest in data science and its potential applications.

### ***“HOW TO CRACK INTERVIEWS IN MNCs”***

Title: *“Developing Competency for Cracking Interviews in MNCs”*

Date: 12th March 2025

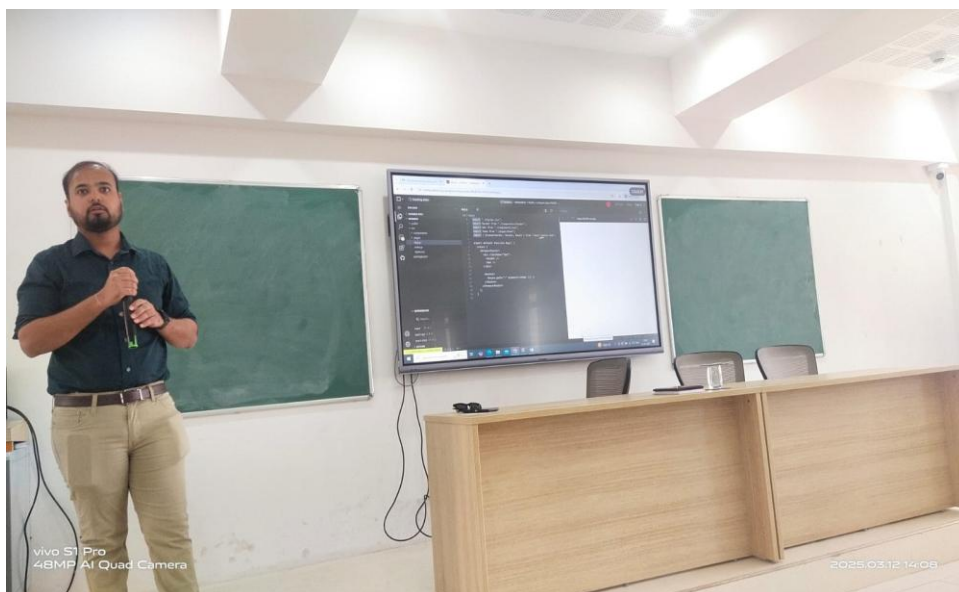
Speaker: Mr. Vatsalya Mathur, Principal Engineer, AUTODESK, Sanfransisco.

A one-day seminar on “Developing Competency for Cracking Interviews in MNCs” was organized on 12th March 2025 at Ramdeobaba College of Engineering and Management (RCOEM), Nagpur. The session was conducted by Mr. Vatsalya Mathur, a reputed career coach, soft skills trainer, and corporate HR consultant known for mentoring thousands of students and professionals across India. The seminar was designed to equip students with

essential skills, strategies, and mindset required to crack recruitment processes of Multinational Corporations (MNCs) and succeed in competitive job interviews.

The key goals of the seminar were to:

- Help students understand the expectations of MNC recruiters.
- Enhance communication, problem-solving, and interpersonal skills.
- Provide insights into resume building, aptitude tests, group discussions, and technical interviews.
- Build confidence and reduce anxiety related to placement interviews.
- Share real-life interview scenarios and recruiter perspectives.



Mr. Vatsalya Mathur, Principal Engineer, AUTODESK, Sanfransisco.



the seminar on “Developing Competency for Cracking Interviews in MNCs” proved to be a valuable initiative in preparing students for the competitive job market. The session not only boosted confidence but also imparted actionable strategies that students can implement during their placement preparations.

### ***“Futureproofing AI with Responsible AI Strategies and Standards”***

**Date:** 26th March 2025

**Speaker:** Dr. Rizwan Ahemad, Chief Technology Officer, Delaplex

The Department of School of Computer Science and Engineering at **Ramdeo Baba University** organized a one-day seminar on **26th March 2025**, titled **“Futureproofing AI with Responsible AI Strategies and Standards.”** The keynote speaker for the seminar was **Dr. Rizwan Ahemad**, Chief Technology Officer at **Delaplex**, a reputed technology and consulting firm. The seminar aimed to explore the critical importance of developing and deploying artificial intelligence (AI) systems that are ethical, transparent, and aligned with global standards to ensure long-term sustainability and trustworthiness in AI technologies.



Prof. S. C. Tirpude felicitating Dr. Rizwan Ahmed CTO, Delaplex, session at Computer Science and Engineering department



Dr. Rizwan Ahmed CTO, Delaplex, delivering session on Responsible AI

## ACM Talk by Dr. Aditya Abhayankar

**Title:** *“Navigating the Future with Responsible AI and Lifelong Learning”*

**Speaker:** *Dr. Aditya Abhayankar*

**Designation:** *Dean, Faculty of Technology, Savitribai Phule Pune University ACM Distinguished Speaker*

**Date:** *14<sup>th</sup> May 2025*

The School of CSE organized a session on *14<sup>th</sup> May 2025* conducted by **Dr. Aditya Abhayankar Dean, Faculty of Technology, Savitribai Phule Pune University ACM Distinguished Speaker**. An esteemed academician and technologist, widely recognized for his contributions in the field of Artificial Intelligence (AI), embedded systems, and education leadership. The purpose of the event was to engage students with the present and future implications of AI, share real-world insights, and encourage ethical and responsible innovation. The lecture revolved around the theme: **“Understanding the Good and the Bad of Artificial Intelligence: A Realistic Outlook”**. He elaborates **AI is neither entirely good nor bad—it is a tool**, and its impact is defined by the intent of its creators and users. He emphasized that **AI must be developed with responsibility, explainability, and human-centric values**.

The session concluded with a **lively Q&A** where students asked questions ranging from career paths in AI and research, how to handle academic pressure, the future of AI in India and policy regulations, opportunities for interdisciplinary innovation. Dr. Abhayankar patiently addressed each query, providing **encouragement, clarity, and actionable advice**.



ACM Talk by Dr. Aditya Abhayankar on 14<sup>th</sup> May 2025 at RBU





## “Debate on Artificial Intelligence”

Date: 22<sup>nd</sup> February 2025

RBU Chapter successfully organized a debate on Artificial Intelligence topics such as “The Rise of AI: A Blessing or a Curse” and “Ethics in AI: Guiding the Future or Threatening It?” This event aimed to provide a platform on which the students could put forth their views concerning AI, and provide a space where everyone could learn something new. The format of this debate was such that each individual participant was given 3 minutes to speak, and 1 minute was given at the end to each team – supporting and against – to refute the points placed by the other team. The teams consisted of Vivian DeMello, Samit Bhisikar, Adarsh Jha, Piyush Khokale, Bhumika Thakur and Priyanshu Yadav on the supporting side, and Monojoy Dey, Amar Shukla, Shushobhita Mallick, Malhar, Shubh Dubey and Shardul Thakur on the opposing side. currently works with GenAI and multi LLM model buildings, both of which are cutting edge technology.



Organizing Team with Jury Mr. Jaspal Singh, Founder and Director WCG Clinic

The event was moderated by Mr. Jaspal Singh, who has a lot of experience in the field of Artificial Intelligence, having worked with it for years. His illustrious career in Artificial Intelligence include working with Konverge AI as a senior Machine Learning Engineer, and now working as an AI Engineer at WCG Clinical. Additionally, he has done projects in healthcare, insurance, among other fields, having worked with Indian Unicorns to develop projects in the past. He Participants put forward a lot of interesting points, and each participant had their own views on the ethical concerns of Artificial Intelligence.



Debate preliminary I Round



Debate Final Round



Winners of Debate Competition

The debate highlighted the increasing importance of Artificial Intelligence in decision making, and also strengthened the participants' knowledge of Artificial Intelligence.

## Create2Innovate: The Patent Fest

The **Create2Innovate Patent Fair** was held on February 21, 2025, at Ramdeobaba University. Organized by RBU ACM Student Chapter, this event provided a platform for inventors, entrepreneurs, and researchers to showcase their innovative ideas. Participants presented their projects to a panel of judges, with winning ideas receiving funding and patent opportunities.



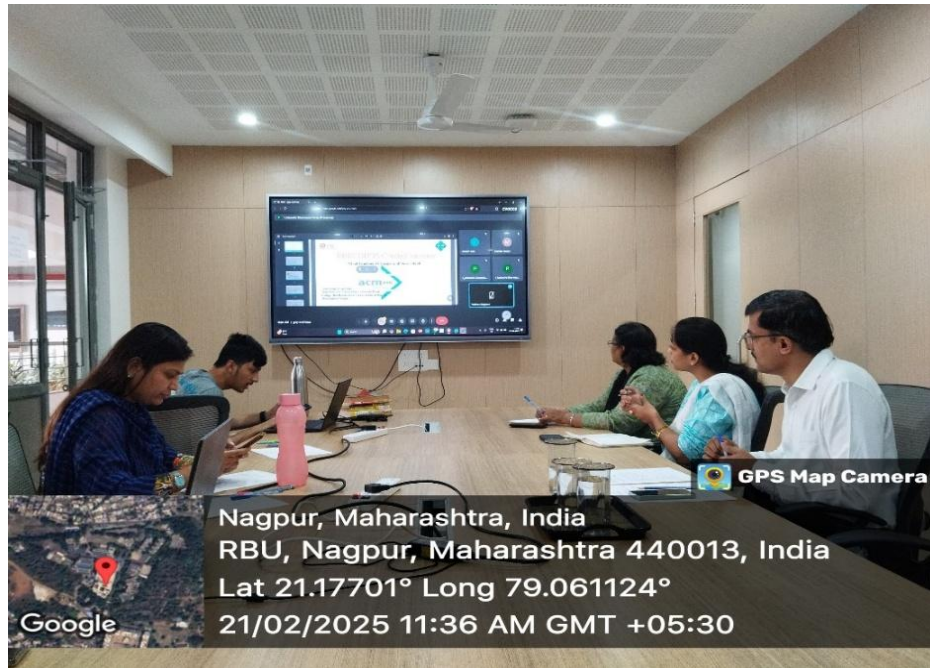


The event featured 16 teams showcasing groundbreaking ideas across diverse fields. A panel of 3 expert judges, provided valuable feedback and assessed each pitch. This event saw many teams tackling problems at ground level, with most teams choosing problem statements related to problems faced by common citizens and public welfare.

The top three winning teams were:

1. **Yash Debe and team.**
2. **Kelvin Robert and team.**
3. **Nachiket Deshpande and team.**
4. **Honorable Mention: Sanjeevan Bharat by Sujal Kothale and team.**

The event was highly engaging, with the panel providing helpful suggestions and valuable industry insights to further prime each idea for industrial usage, and streamline the idea flow to be accessible to the public. Many students expressed satisfaction about showcasing their ideas in front of the panel, and were happy about receiving constructive criticism and feedback.



Create2Innovate 2025 was a resounding success, highlighting the importance of innovation and intellectual property protection. The event not only provided participants with a platform to pitch their ideas but also created opportunities for investment, mentorship, and real-world implementation. With increasing participation and industry support, Create2Innovate continues to be a cornerstone for fostering groundbreaking innovations.

**Year 2023-24**

## **Summit on**

### **"Opportunities and Challenges for Emerging Computing Trends"**

Date: February 10, 2024

The Summit on Emerging Computing Trends, organized by the Association for Computing Machinery (ACM) chapter of Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur, was held on February 10, 2024. This event aimed to explore the rapidly evolving landscape of computing technologies, discuss the challenges and opportunities they present, and facilitate collaboration among industry experts, academics, and students.

The summit commenced with two keynote addresses by distinguished industry leaders. **Mr. Rizwan Ahmed, Division Head of Digital Innovation at delaPlex**, delivered the first keynote speech. He discussed the digital revolution and its profound impact on innovation across various sectors. Mr. Ahmed emphasized the importance of embracing digital technologies to stay competitive in today's fast-paced world.



The second keynote address was delivered by **Mr. Dhiraj Motghare, Director at Global Logic**. Mr. Motghare provided insights into emerging computing trends and their implications for businesses. He highlighted the significance of technologies such as artificial intelligence, blockchain, and quantum computing in shaping the future of computing. Mr. Motghare's keynote shed light on the transformative potential of these trends and encouraged attendees to explore their applications in diverse domains.





**Mr. Dhiraj Motghare, Director at Global Logic** delivering a keynote emerging computing trend and their implications for businesses



Industry Panelist from *Persistent Systems, Global Logic, Novartis, Hyderabad Konverge.AI* and *Crypto Forensic Technologies* in SUMMIT on "**Opportunities and Challenges for Emerging Computing Trends**"

Following the keynote addresses, a panel discussion was held featuring esteemed experts from academia and industry. The panelist's included:

1. Dr. Mukta Paliwal, Associate Director of Data Science at **Novartis, Hyderabad**
2. Mr. Kalpit Bhawalkar, Practice Head of Artificial Intelligence at **Konverge.ai**.
3. Mr. Tushar Joshi, Chief Architect at Persistent Systems.
4. Mr. Shrikant Ardhapurkar, Co-founder of Crypto Forensic Technologies, Nagpur.
5. Ms. Shivali Chandel, HR Manager at Gocomet.



The panelist's on the Dias along with Director School of CSE

The panel discussion covered a wide range of topics related to emerging computing trends. Dr. Mukta Paliwal shared insights into the role of data science in driving innovation and informed decision-making in the pharmaceutical industry. Mr. Kalpit Bhawalkar discussed the applications of artificial intelligence in optimizing business processes and enhancing customer experiences.

Mr. Tushar Joshi provided valuable insights into architectural considerations for building scalable and resilient computing systems.





Mr. Tushar Joshi, Chief Architect at Persistent Systems ACM member

Mr. Shrikant Ardhapurkar shared his expertise in cybersecurity and discussed the importance of implementing robust security measures to protect sensitive data and mitigate cyber threats.

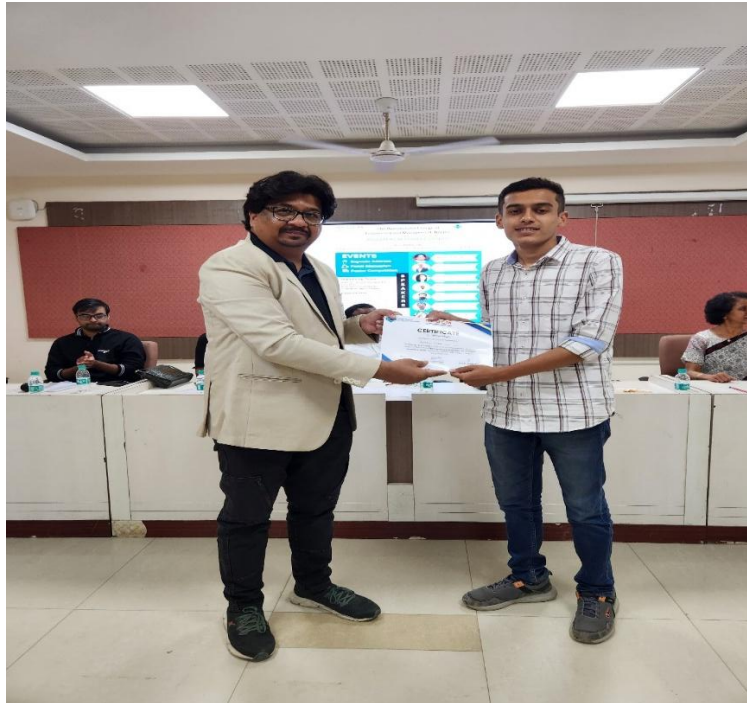


Mr. Shrikant Ardhapurkar Co-founder of Crypto Forensic Technologies, Nagpur putting his views on security Robustness

Ms. Shivali Chandel highlighted the significance of talent acquisition and talent management in the context of emerging computing trends. She discussed strategies for attracting and retaining top talent in the highly competitive tech industry.

The panel discussion was interactive, with attendees actively participating by asking questions and sharing their perspectives. The diverse backgrounds and expertise of the panellist's contributed to a rich and insightful discussion, providing attendees with valuable takeaways.

An online poster presentation competition was organized to showcase research and innovative ideas related to emerging computing trends. Participants from various departments of undergraduate courses presented their work in Opportunities and Challenges for Emerging Computing Trends.



Mr. Dhiraj Motghare, Director at Global Logic presenting Certificate to winner of Poster competition conducted by RCOEM ACM student Chapter



Dr. Mukta Paliwal, Associate Director of Data Science at Novartis & Mr. Tushar Joshi, Chief Architect at Persistent Systems Presenting certificates to Winners



The summit concluded with an award ceremony to recognize the outstanding contributions of participants in the poster presentation session. Trophies and certificates were awarded to the winners, acknowledging their excellence and dedication to advancing the field of computing. The award ceremony provided a moment of celebration and recognition for the participants' hard work and achievements. The event's success was attributed to the dedication and hard work of the organizing team which includes Prof. Chetna Thaokar, Prof. Amit Pimpalkar, Prof. Supriya Gupta Bani, Prof. Jolly Nikahde, Prof. Snehal Laddha, Prof. Punam Khandar led by Dr. Urmila Shrawankar, Convenor, Prof. Devishree Naidu, In-charge of the ACM Student Chapter at RCOEM.

## **Workshop on**

### **“Fundamentals of Deep Learning” by Nvidia**

### **9<sup>th</sup> March 2024**

RCOEM ACM Student Chapter of Shri Ramdeobaba College of Engineering and Management, Nagpur, organized One-Day Workshop on NVIDIA Deep Learning Fundamentals dated 9<sup>th</sup> March 2024. At Digital Tower DT109 lab. The Workshop was conducted by Dr. Tausif Diwan, Assistant Professor IIIT Nagpur. Dr. Tausif Diwan, is a certified Trainer who conducted training for third year students of all branches.

The one-day workshop on NVIDIA Deep Learning Fundamentals aimed to provide participants with a comprehensive understanding of deep learning concepts and techniques, with a focus on leveraging NVIDIA technologies for accelerated training and inference.

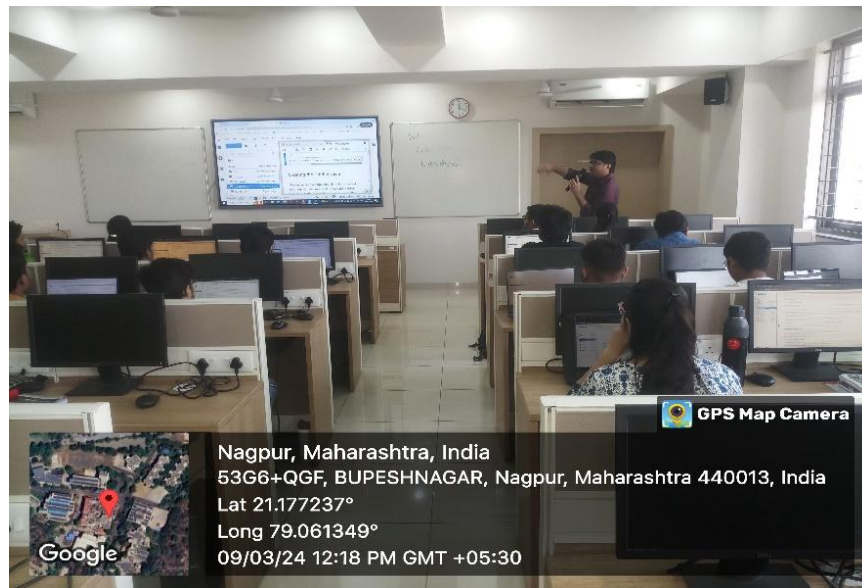
#### **Sessions Conducted on**

- Introduction to Deep Learning: Concepts and Applications
- Keynote Address: "Accelerating Deep Learning with NVIDIA GPUs"
- Session 1: Basics of Neural Networks and Deep Learning Frameworks
- Session 2: Introduction to NVIDIA GPU Architecture for Deep Learning
- Session 3: Hands-on Workshop: Implementing Deep Learning Models with NVIDIA CUDA and cuDNN
- Session 4: Optimizing Deep Learning Performance on NVIDIA GPUs
- Session 5: Case Studies: Real-world Applications of NVIDIA Deep Learning Solutions
- Q&A Session

The workshop commenced with registration and a warm welcome address. The keynote address provided insights into the role of NVIDIA GPUs in accelerating deep learning tasks, highlighting the benefits of GPU acceleration for training and inference.

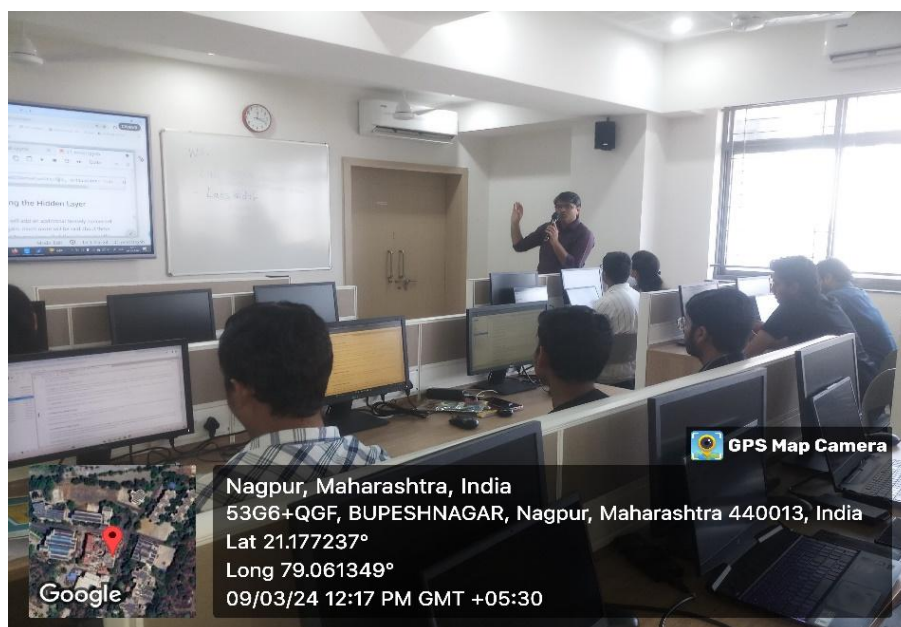
Sessions on the basics of neural networks, deep learning frameworks, and NVIDIA GPU architecture equipped participants with foundational knowledge essential for understanding and leveraging deep learning technologies. The hands-on workshop enabled participants to gain

practical experience in implementing deep learning models using NVIDIA CUDA and cuDNN, guided by experienced instructors.



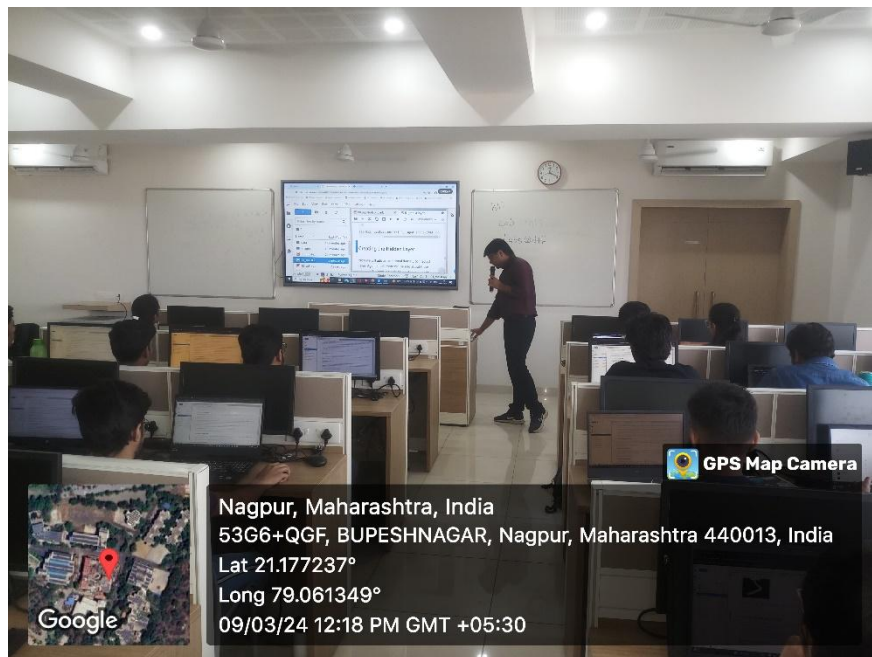
Dr. Tausif Diwan IIIT, Nagpur Delivering Training session on NVIDIA GPUs

During the lunch break, participants had the opportunity to network with peers and engage in discussions with the workshop facilitators. The session on optimizing deep learning performance on NVIDIA GPUs explored techniques and best practices for maximizing efficiency and throughput in deep learning workflows.



Real-world case studies showcased the applications of NVIDIA deep learning solutions across various domains, illustrating their impact and effectiveness in solving complex problems. The Q&A session provided participants with a platform to seek clarification on concepts, tools, and techniques discussed throughout the workshop, promoting interactive dialogue and knowledge exchange. The workshop concluded with closing remarks by the organizers, expressing

appreciation to the participants, speakers, and sponsors, followed by the distribution of certificates of participation.



Participants gained a solid understanding of deep learning fundamentals and the role of NVIDIA technologies in accelerating deep learning workflows. Hands-on experience in implementing deep learning models with NVIDIA CUDA and cuDNN equipped participants with practical skills essential for leveraging GPU acceleration in their projects. opportunities facilitated connections between participants and industry experts, fostering collaboration and knowledge sharing. Students Received the Certification by Nvidia after submitting assignments floated during workshop.



## Year 2022-23

Date	Name Event	No. of Students Participated
19/11/2022	Robodrive	152 students from the college and 147 among them from cs department
5/12/2022	Pair-O-Mania	80+ first year
	Codeclash	

### EVENT:<PAIR-O-MANIA>

Pair-o-Mania organized on 2<sup>nd</sup> December 2022 a competition on Algorithmic building block along with problem solving technique making students to think creatively and construct useful utility. In this competition students who were registered have randomly connected people in pairs and they competed together in the further rounds.

After the pairs are divided each pair had gone through the following rounds:



The poster is for the 'PAIR-O-MANIA' event organized by the ACM Chapter RCOEM. It features a dark blue background with a circuit-like pattern and snowflake decorations. At the top left is the 'acm RCOEM' logo, and at the top right is the 'CSE COMPUSYS' logo. The main title 'ACM CHAPTER RCOEM presents PAIR-O-MANIA' is prominently displayed in the center. Below the title, four diamond-shaped boxes list the rounds: 'FAMILY FEUD', 'PICTIONARY', 'GENERAL TRIVIA', and 'CODING CONTEST'. The event details specify the date as '02.12.2022' and the time as '12 PM - 4PM'. It mentions 'Exciting Cash Prizes' and provides contact information for queries: Vishwesh Salampuria (703057147) and Sharvari Wakhare (9764533735). A QR code is located in the bottom left corner. The entry fees are listed in the bottom right: 'Rs.50 solo' and 'Rs.100 Duo'.

**acm RCOEM** **ACM CHAPTER**  
RCOEM  
*presents*  
**PAIR-O-MANIA**

**FAMILY FEUD** **PICTIONARY** **GENERAL TRIVIA** **CODING CONTEST**

**Date : 02.12.2022**  
**Time : 12 PM - 4PM**

**Exciting Cash Prizes**

**for any queries contact :**  
Vishwesh Salampuria : 703057147  
Sharvari Wakhare : 9764533735

**Entry**  
**Rs.50 solo**  
**Rs.100 Duo**

## Event Rounds Conducted in Competition:

**1. General Trivia:** A game inspired by the Tv show KBC. The pairs which passed the last round will go for this round, where they will have questions related to technological fields. This will be time monitored.

**2. Pictionary:** Qualifiers from the General Trivia round will get two words for each person in the pair and they will have to draw it and explain the word to their partners this will also be a time-based activity.

**3. Tech Feud:** A game inspired by the Tv show Family Feud. During the registrations, questions for this survey will be floated, and our participants will act as our targeted audience for the survey. Questions related to the survey will be asked in this round and the Pair which guesses the most answered choice will be awarded points.

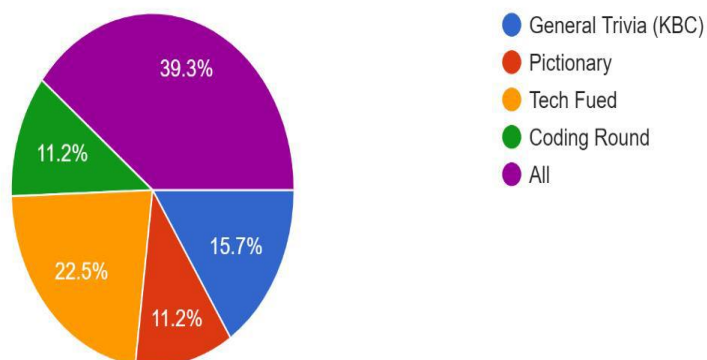
**4. Code with Santa:** Qualifiers from the Pictionary stage will then move towards Lab for a simple coding competition: Santa themed Problem statement will be given to students, who have to solve the problem within a stipulated time constraint.

## Participation Details:

Name of event	No. of participants (Registered)	No. of participants (Attended)	No. of participants from CSE Dept	No. of participants from RCOEM	No. of participants from other colleges
Pair O Mania	170	152	147	170	0

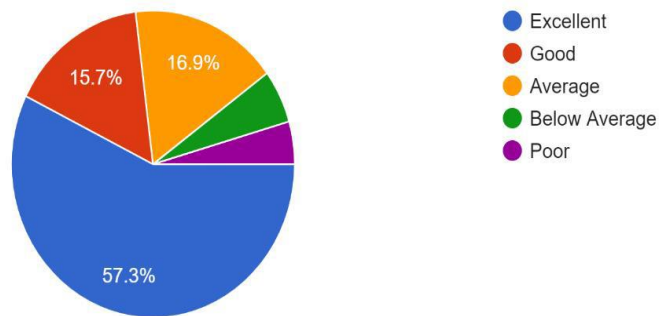
Which was your favourite round in Pair O Mania?

89 responses



How would you rate the event 'Pair O Mania'?

89 responses



**Winners of the 'Pair O Mania' Event**





### ACM Student Chapter Team

#### Event Winners Detail

Name of Event	Position(Rank)	Name of winners	Details of winners
<b>Pair-O-Maina</b>	<b>1.</b>	Sarvesh Tiwari Isha Wele	Position : I Year/ Sem : I College Name : RCOEM
	<b>2.</b>	Snehal Rakas Shreyash Dhengekar	Position : II Year/ Sem : I College Name : RCOEM
	<b>3.</b>	Sahil Yadao Sanjeev Gour	Position : III Year/ Sem : I College Name : RCOEM
<b>Code -clash</b>	<b>1.</b>	Chirag Lalwani	
	<b>1.</b>	Vdeant Kohad	
	<b>1.</b>	Kushal Gujar	
<b>Robodrive</b>		It's a fun activity for everyone	

Year 2021-22



Algorithm Unlock was a coding contest which contained the questions related to competitive programming. It was conducted on Hackerrank. This contest was conducted to test the logical and mental thinking of the candidates. 7 questions were divided in three sections namely easy, medium and hard. The candidates have to write the code in any programming language they were comfortable in.

#### Details of Winners:

Sr. No.	Name of Winners	Details of Winners	Price given (Money/ Specify price)
1	Siddhant Sandeep Jain	Rank/ Position: 1  Year/ Sem: II/ IV	1000

		College Name: RCOEM	
2	Prathamesh Rajendra Rajbhoj	Rank/ Position: 2 Year/ Sem: II/IV College Name: RCOEM	500



ASSOCIATION FOR COMPUTING  
MACHINERY



**RCOEM ACM CHAPTER PRESENTS  
CAREER CALLING – CYBER SECURITY**

**SPEAKER**



**OWNER & MD AT  
VIGILANTE CYBER FORCES**



**6 HOURS  
WORKSHOP!**

**FREE!**

FOR ALL ENGINEERING COLLEGES..

**Date:** 05 MARCH 2022 | 10:30 AM

**Venue:**

Shri Ramdeobaba College of Engineering and Management,  
Katol Rd, Lonand, Gittikhadan, Nagpur, Maharashtra 440013

CONTACT:  
SHREYAS NEMANI 9423238432  
BHAVESH KEWALRAMANI 9673148515

Limited Registrations



Miss. Isha Mujumdar owner and MD at Vigilante Cyber Forces conducted workshop on cyber security and Digital Forensic dated 5<sup>th</sup> March 2022. The Event conducted under RCOEM ACM student Chapter. Students from various Engineering colleges of Nagpur witnessed the workshop.

The Session details are as followed

- Session on Introduction to Cyber Security & Digital Forensics – 1 Hr.
- Session on Skills required for starting a career in Cyber Security – 2 Hrs.
  - Both technical and non-technical skills taught as an overview



- Various Activity session were conducted for these skills
- Session on Different domains in Cyber Security – 2 Hrs.
  - Security Management, Security Architecture, Security Analysis, Defensive Operations, Offensive Operations, Security Engineering
  - Case Study of work done in each domain
  - Demo conducted on work done in each domain
- Session on Education Scope – 1 Hr.
  - Formal education options in Cyber Security
  - Certification progression for career in specific domains
  - Opportunities ahead in India and abroad
  - After education, how to step into the industry

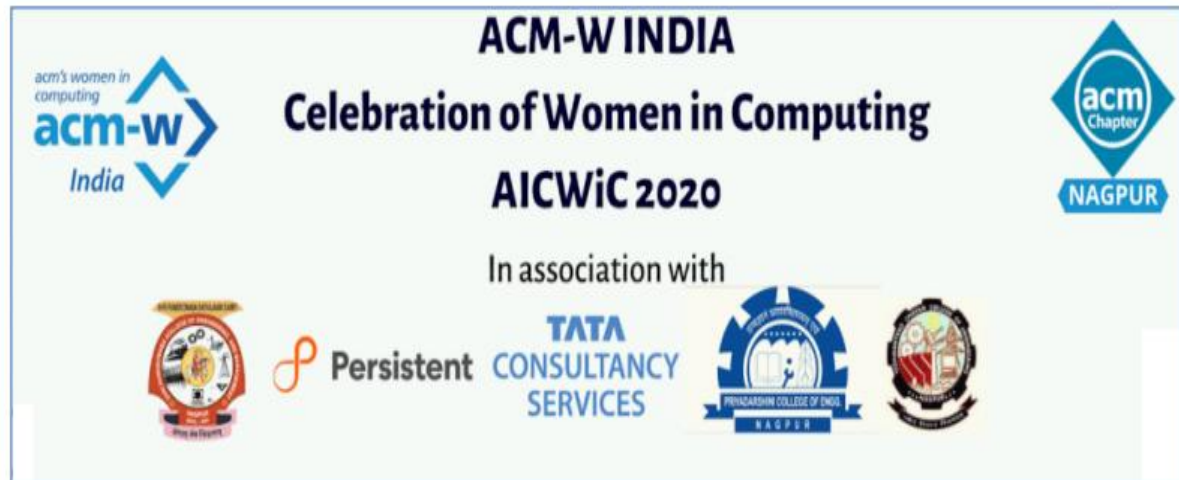
#### Outcome:

- Students Got Exposure to the latest trends and job opportunities in the popular field of cyber security.
- Students Gained knowledge of the basic, yet necessary skills for this field.
- Students Got detailed look at the various career domain in cyber security to better enable students in picking the most suitable career option for them. Also interacted directly from industry experts

#### Year 2020-21

S.No.	Event	Date	Level (State/National/International)	No. of students participated
1.	ACM-W India Celebration of women in computing AICWIC2020	5th Sept 2020	International	300
2.	Installation Ceremony under Compusys	12th November 2020	Department	110
3.	Coding Contest under ACM chapter	12th November 2020	Department	90

## ACM India Celebration of Women in Computing AICWiC 2020



The image shows a Zoom video call in progress. On the left is a slide titled 'ACM India at a Glance' with the ACM India Council logo. The slide lists various initiatives and resources of ACM India. On the right is a screenshot of a Zoom video call with four participants. The participants are: Dr. Mukta Paliwal (top left), Dr. Reyyan Ayfer (top right), Dr. Hema Tripathi (bottom left), and Dr. Reyyan Ayfer (bottom right). The Zoom logo is visible in the bottom right corner of the video call window.

**ACM India at a Glance**

- **ACM:** World's largest educational and scientific computing Society
- Mission: advancing computing as science and profession
- Members: ~100,000 worldwide, ~11000 in India
- Comprising students, faculty, professionals
- **ACM India Chapters:** ~200 student chapters, ~20 professional chapters
- **ACM-W India:** empowering women in computing
- Research Initiatives
- Student research (BSS) student seminar, best doctoral dissertation, partial travel grant
- Research conferences: COOS, COMAD, BEC, AIMS
- **ACM India Annual Event**
  - Discuss recent trends in technology
  - celebrate India's achievements in computing
- Education Initiatives
  - Summer and winter schools: ~2 week full-time course on technology area
  - Computer Symposium focused on improving quality of computing education in India
  - **Cleethala:** inculcate computational thinking in schools
  - Learning and Professional Development
  - **Eminent Speaker Program**
  - Industry referrals, education webinars
  - **Blog:** theoreticians and practitioners sharing ideas, opinions
  - ACM global resources: Digital Library, ACM Learning Center
  - **New prestigious awards instituted**
  - Acknowledge and celebrate outstanding contributions
  - **ACM Membership in India**
    - Student? [student member form](#)
    - Professional? [professional member form](#)

The objective of AICWiC 2020 was to provide an explicit platform for women in technology to showcase their innovation and ideas and motivate others to take up the challenge and help the nation in becoming Independent technologically during these tough times. The inaugural ceremony began with words by Dr. Mukta Paliwal Technical Expert of Persistent Systems.

The keynote speaker was Prof. Reyyan Ayfer, Vice-Chair, ACM-W & Professor, Bilkent University, Turkey.

Poster Presentation Competition was part of Virtual Event for celebration of Women in Computing by ACM India. The competition was specially organized for UG/PG girl students of CS/CE and IT branches to boost innovative ideas. There were total three round in poster presentation competition. We got good response from various reputed institutes of India, total 105 teams registered for poster presentation competition.

## The winners of AICWiC 2020

Rank	Name of Student	Project Title	Institute Name
1	Soundarya Krishnan	Network Community Analysis based enhancement of Online Discussion forums	BITS Pilani, Goa Campus
2	Sona S	Technovid 2020	Thiagarajar College of Engineering, Madurai
3	Shradha Sehgal	Sab Jeevika: Enabling job search for the deprived sector	International Institute of Information Technology, Hyderabad



**Winners with organizing Committee of AICWiC 2020 (Two Faculty members Contributed from RCOEM in hosting the event)**

### Coding Competition at HackerRank

A Competitive Coding Competition was organized on 12th November 2020 at 4:30 pm on HackerRank. The competition was of 2 hrs . Competition was intended for 2<sup>nd</sup> and 3<sup>rd</sup> year students. Around 90.

The winners were:

1. Rohit Doshi (3rd year shift 1)
2. Neha Pandey (2nd year shift 1)
3. Anant Loiya (3rd year shift 1)



## GUEST LECTURE ON AI AND CYBER SECURITY

The Computer Society of India (CSI) RCOEM Student Chapter organized a Guest Lecture on 'Artificial Intelligence and Cyber Security' on 13<sup>th</sup> March 2021. The guest speaker was Dr. Rizwan Ahmed who is the Chief Technology Officer at DelaPlex. His specialties include Mobile and Digital Forensics, Cyber Security, Artificial intelligence, Mobile Application Development and many more. During his experience in the IT industry for almost two decades he has worked as a designer, developer and project manager.

The lecture was conducted on Google Meet and was attended by around 150 students and faculty of the Department of Computer Science and Engineering.

The guest speaker was heartily welcomed by Dr. Manoj B. Chandak (HOD, CSE) and Prof Devishree Naidu.

Dr. Ahmed began the session by quoting the words of well-known American professor and leading computer security expert, Eugene Spafford: *"The only system which is truly secure is one which is switched off and unplugged, locked in a titanium lined safe, buried in a concrete bunker, and is surrounded by nerve gas and very highly paid armed guards. Even then, I wouldn't stake my life on it."* He explained how security is extremely difficult to achieve in the current scenario.

During the lecture, Sir discussed cybersecurity and why it is being extensively researched and worked upon in the past decade. He explained how in cyber crimes the computer can be used as a target, weapon or as an accessory. Sir also revealed major findings globally that were observed in recent studies – growing threat to national security, increasing threats in online services and emergence of a sophisticated market for software flaws.

Sir then went on to introduce the term Artificial Intelligence. He explained its many forms that are in use today, the 4 broad categories of AI and how the growth of AI in recent times was mainly due to the reason that it could solve more complex problems with reduced cost.

In the second half of the lecture, he introduced the fascinating concept of using AI to deal with Cyber Security issues with great efficiency and accuracy. Sir insisted on having the knowledge and technology to not only detect cyber attacks but to prevent them too by using various cyber defense methods. He explained that cyber defense for the future will require augmentation of traditional cyber tools to include AI/ML security tools that model both 'good' and 'bad'. The more the time taken to detect a breach, the greater is the cost to recover from the breach. Hence, time is of essence in cyber defense.

Sir concluded the lecture by briefing on the challenges faced by AI in cyber defense and the research being done in the field of 'Defensive, Offensive and Adversarial AI'. He emphasized the need of significant workforce with deep domain knowledge in cyber security and the use of AI to extract good data to analyze potential threats.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide from RCOEM (Shri Ramdeobaba College of Engineering and Management, Nagpur) and the Association for Computing Machinery (ACM). The slide is titled 'Guest Lecture On AI & Cybersecurity' and is presented by CSI RCOEM Student Chapter. It includes the date '13 March, 2021'. The right sidebar shows a grid of participants, including 'You', 'Dr. Rizwan Ah...', and 'B-66-Tejas Deo'. The bottom toolbar contains icons for mute, video, chat, and other meeting controls.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled 'AI- The Key to Scaling Cyber Defence'. The slide lists two bullet points: 'The edge in Cyber Defence is speed. AI is transforming Cyber Defence.' and 'This is because you move from detection, manual reaction and remediation towards an Automated Remediation, which organizations would like to achieve in the next three or five years.' Below the text are three donut charts labeled 'Detection', 'Prediction', and 'Response', showing utilization levels (High, Medium, Low). The 'Detection' chart shows 12% High, 38% Medium, and 51% Low utilization. The 'Prediction' chart shows 15% High, 34% Medium, and 51% Low utilization. The 'Response' chart shows 18% High, 35% Medium, and 47% Low utilization. The right sidebar shows a grid of participants, including 'You', 'Dr. Rizwan Ah...', and 'Gurjan Jayprakash Ch...'. The bottom toolbar contains icons for mute, video, chat, and other meeting controls.

## GUEST LECTURE ON MACHINE LEARNING AND ITS APPLICATIONS

Association of Computing Machinery (ACM) RCOEM Student Chapter organized a Guest Lecture on 'Machine Learning and its Applications' on 13<sup>th</sup> March 2021. The guest speaker was **Dr. Mukta Paliwal** who is working currently with Persistent Systems Ltd. In AI Research Lab as Technical Expert in Data Science Domain. She has 15+ experience in research and

development using Machine Learning Techniques to solve Real World Problems. She has the expertise on various domains like Email Security, Healthcare, Banking and many more. She is also an AWS certified Machine Learning Practitioner.

The lecture was conducted on Google Meet and was attended by around 200 students and faculty of the Department of Computer Science and Engineering.

The guest speaker was heartily welcomed by Dr. Manoj B. Chandak (HOD, CSE) and Prof Devishree Naidu.

During the Lecture, Ma'am started with giving a brief knowledge about the topic that was going to be discussed and how the topic can be related to the life of children. The topic to be discussed in the session was **"Helping a Child Discover Personality using NLP"**. She stated that how the child between the age 3-10 should not just be restricted to the academic learning but to have a option of exploring world of his choice. Ma'am then discussed about the first agenda that what were the business problems the faced and what business use case they need to solve.

She showed with the help of mockup screen how the business use case was being solved with the help of the application for the child and parent. Then ma'am discussed about what thoughts they had while designing this application and gave some brief knowledge on the Recommendation Systems. She then discussed about the process flow of the application and how Machine Learning is applied to the platform and focused more on the Personalization Engines. Ma'am then discussed about how they were storing the Personality database and how their recommendation system was offering the content to the child. Then she discussed about which algorithms were implemented in the application. She discussed about the Non-Negative Matrix Factorization, Latent Symantec Index Approach, Latent Dirichlet Allocation, Guided LDA, AWS Comprehend API and gave a brief on how these algorithms were implemented. Ma'am then discussed the implementations Steps with the help of the demo code which helped the audience to get more knowledge about the topic. The lecture concluded by discussing what challenges were faced by them in implementing the algorithms and the Noisy Data. She then emphasized on the additional features which influenced Recommendation and the order, date, action and frequency of the content.





Association for  
Computing Machinery

**RCOEM**  
Shri Ramdeo Baba College of  
Engineering and Management, Nagpur



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**ACM and CSI**

RCOEM Student Chapter  
*Presents*

GUEST LECTURES ON

**MACHINE LEARNING AND ITS APPLICATIONS**

**Date : 13th March '21**

**Time : 11:45 am to 1:00 pm**

**Platform : Google Meet**

**[meet.google.com/wgd-uust-pcn](https://meet.google.com/wgd-uust-pcn)**



**SPEAKER**

**Dr. Mukta Paliwal**  
**Persistent Systems Ltd.**

AWS certified ML Specialist

**E-certificate will be provided for attending the session**

**Registration Link**



**<https://forms.gle/RDBUjCvdRurP57j88>**

**Contact:**

Mr. Pawan Shukla  
Student President, ACM  
Shreyas Nemani  
(M): 9423238432

**Prof. D. Naidu and Prof. S. Jain**  
ACM and CSI Student Chapter Coordinator

**Dr. M. B. Chandak**  
HOD, CSE





SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT

Department of Computer Science and Engineering

WELCOMES YOU

ACM RCOEM Student Chapter Presents

# Guest Lecture On ML & Its Applications

In Association with CSI™

Date:- 13/03/2021



Devishree Rohit Naidu

REC

M Mukta Paliwal is presenting

6 G Girish Sawantkarhor K... and 95 more

12:06 PM You

### Business Problem

Product for young kids to explore the world around him/her on personal device

During the process of exploration, the child will consume some content (Image, Video, Audio, Apps etc.)

Suggest the content that is safe, engaging, personalized as per child's interest

Share child's interest and inclinations with parents based on child's exploration of the content

Overall help parents understand child's interest areas in automated fashion and be able to assist the child in exploring and nurturing his personality.

A




Mohit Chandak

A33-Abdul Shahid Sheikh

B

B77 Shreyas Manish Ne...

Meeting details ^

Raise hand

Turn on captions

Mukta Paliwal is presenting


REC

M Mukta Paliwal is presenting

A A. 66 Romil Mahajan and 96 more

12:10 PM

You



## What we plan to do to solve it

The recommendation systems provide likelihood of a particular user consuming a particular content as used by Netflix, Amazon etc. where content/products are indexed, and explicit preference data of the user is available.

In this case we do not own and store any content and hence custom solution is built. It provides useful attributes for the user to query content from the web at run time and score the contents based on combination of algorithms.

Copyright © 2021 Persistent Systems

Meeting details

Raise hand

Turn on captions

Mukta Paliwal is presenting

Mohit Chandak

A33-Abdul Shahid Sheikh

B77 Shreyas Manish Ne...

B B77 Shreyas Manish Nemani is presenting

B B14 Shrishti Santosh Sh... and 77 more

12:32 PM

You

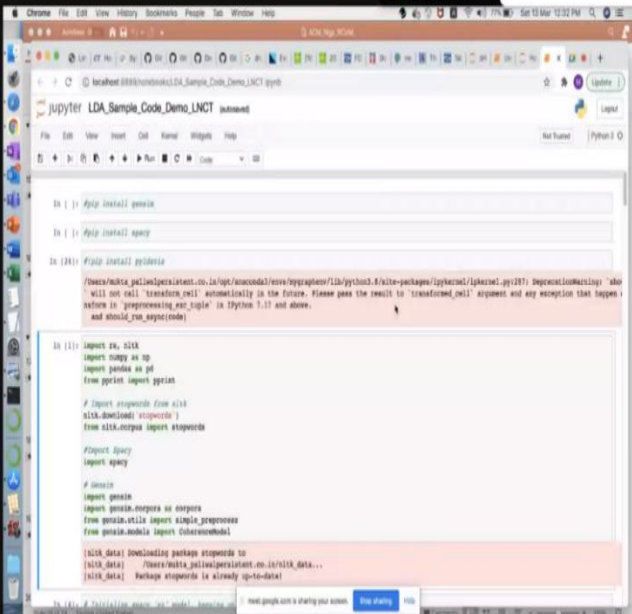
REC

M Mukta Paliwal is presenting

V Vivek Khetade and 66 more

12:32 PM

You



```
In [ ]: !pip install gensim
In [ ]: !pip install spacy
In [81]: !pip install pygtrie

/home/mukta_paliwal@persistent-co.in:~/Documents/ML_Sample_Code_Demo_LNCT/jupyter
/home/mukta_paliwal@persistent-co.in:~/Documents/ML_Sample_Code_Demo_LNCT/jupyter$ python3 -c "import nltk; nltk.download('stopwords'); from nltk.corpus import stopwords; print(stopwords)"
[nltk_data] Downloading package stopwords to
[nltk_data] /home/mukta_paliwal@persistent-co.in:/nltk_data...
[nltk_data] Package stopwords is already up-to-date!

In [1]: import re, nltk
import string as st
import pandas as pd
from pprint import pprint

# Import stopwords from nltk
nltk.download('stopwords')
from nltk.corpus import stopwords

# Import spacy
import spacy

# Create
import gensim
import gensim.corpora as corpora
from gensim.utils import simple_preprocess
from gensim.models import CoherenceModel

[nltk_data] Downloading package stopwords to
[nltk_data] /home/mukta_paliwal@persistent-co.in:/nltk_data...
[nltk_data] Package stopwords is already up-to-date!
```

Meeting details

Raise hand

Turn on captions

Mukta Paliwal is presenting

Mohit Chandak

A60-Shardul Aswale

B77 Shreyas Manish Ne...



# RCOEM

Shri Ramdeobaba College of  
Engineering and Management, Nagpur

## ACM RCOEM Chapter

presents

Guest Lecture

on

### "Multi-Scale Methods for Spatial Data Analysis"



**Speaker**

**Prof. Jaya Sreevalsan  
Nair**

- Associate Professor at IIIT, Bangalore
- Visiting Scientist at ISI, Bangalore
- Founder and head of Graphics-Visualization-Computing Lab (GVCL)
- Core Executive Committee Member of Chairperson of e-health committee which launched the E-Health Research Center (EHRC) in Aug 2015; Currently Core Executive Committee Member of the Center.

**Date: 01 November 2021**

**Time: 11:00 AM Onwards**

**Venue: Zoom App**

**Registration Open for All Faculty and Students**

<https://forms.gle/zqzVfmJfEUPm2SUj8>

#### Contact Details:

Aniket Tawani

8623035730

Bhaves Kewalramani

9673148515



A Guest Lecture was organized on the topic “Multi-Scale Methods for Spatial Data Analysis” on 01st November 2021 at 11:00 AM on Zoom. The event was organized by RCOEM ACM Chapter. The lecture was of 2 hrs. The lecture was intended for the faculty and students. The Guest Was Prof. Jaya Sreevalsan Nair. She is Associate Professor at IIIT Bangalore and an Active Member of ACM.

Professor Nair discussed different methods to carry out analysis of spatial data along with the problems faced and their possible solutions.

Recording

Devishree Naidu  
RCOEM\_ACM Student ...

Jaya Sreevalsan Nair  
RCOEM\_ACM Student ...

Kanak Agrawal  
RCOEM\_ACM Student ...

SIMRAN RAJPUT  
RCOEM\_ACM Student ...

RCOEM ACM Student Chapter Presentation  
 November 01, 2021

## Multiscale Methods

Ensemble Methods

- Transition
  - Levels of Detail
  - Transfer Functions
- Adaptive Methods
  - Optimal Scale Determination
- Consensus Methods
  - Averaging
- Co-existence
  - Coupling

....

Advances in Parallel Computing & Storage Technology

Year	Number of articles
1999	0
2000	10
2001	60
2002	75
2003	90
2004	110
2005	170
2006	230
2007	240

Horstemeyer, M. F. (2009). Multiscale modeling: a review. *Practical aspects of computational chemistry*, 87-135.

9

Recording

Devishree Naidu  
RCOEM\_ACM Student ...

Jaya Sreevalsan Nair  
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Kanak Agrawal  
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SIMRAN RAJPUT  
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Recording

RCOEM ACM Student Chapter Presentation  
 November 01, 2021

Jaya Sreevalsan...  
 Jaya Sreevalsan Nair

Devishree Naidu  
 Devishree Naidu

RCOEM\_ACM Student ...

SIMRAN RAJPUT  
 SIMRAN RAJPUT

Abhishek  
 Abhishek

# Information Seeking Mantra:

**Overview** first,  
 Then **zoom** and **filter**,  
**Details** on demand.

Ben Shneiderman, 1996

14

Recording

RCOEM ACM Student Chapter Presentation  
 November 01, 2021

Jaya Sreevalsan...  
 Jaya Sreevalsan Nair

Devishree Naidu  
 Devishree Naidu

RCOEM\_ACM Student ...

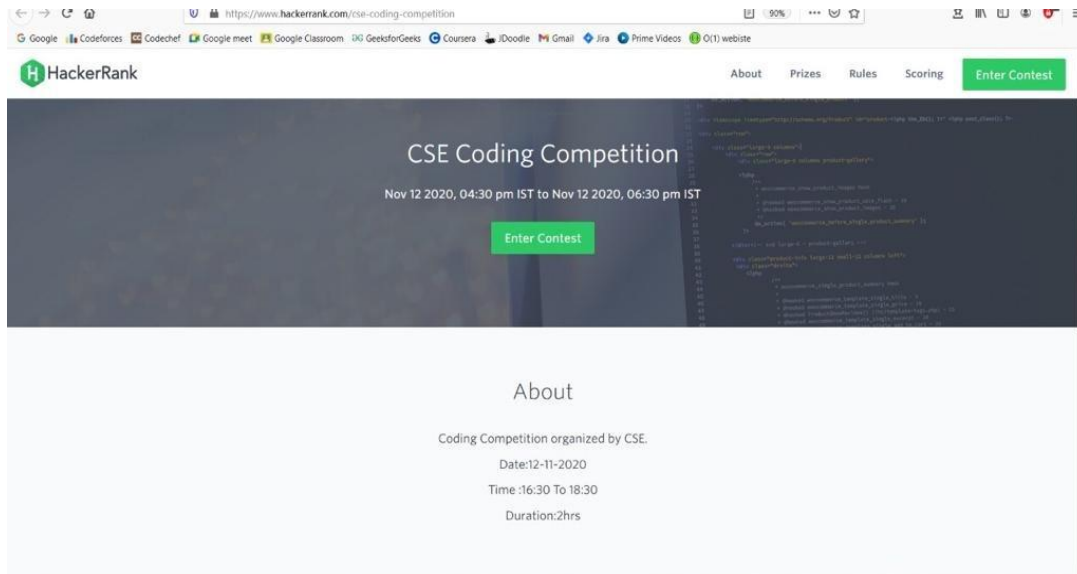
SIMRAN RAJPUT  
 SIMRAN RAJPUT

Abhishek  
 Abhishek

The graph illustrates the Information Seeking Mantra in the context of density estimation. It shows a set of data points (green dots) on the x-axis. Overlaid on these are several red curves representing individual kernel functions. A blue curve represents the overall density estimate, which is a smoothed version of the data points. The y-axis is labeled  $f_{h,n}(x)$  and ranges from 0 to 0.045. The x-axis is labeled  $x$  and ranges from -10 to 40.

CSCE 666 Pattern Analysis | Ricardo Gutierrez-Osuna | CSE@TAMU

students registered for the competition. 26 students were able to solve 3 or more questions.



Year 2019-20

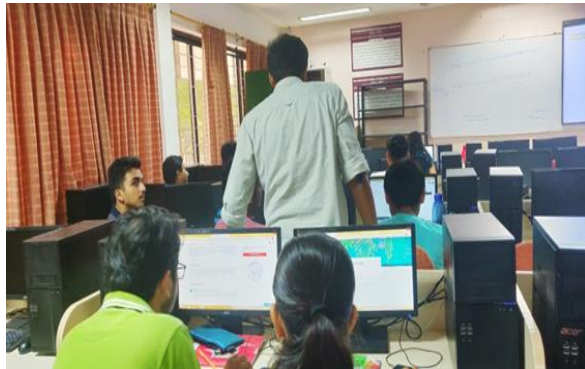
## Google DSC - Cloud Study JAM Workshop

The workshop was based on cloud technology organized under the banner of ACM student chapter by Google DSC Team on 23-Jul-2019. It was to study JAM format wherein we first gave an overview and introduction to Cloud Technology, followed by 5 labs which were conducted on Qwiklabs thanks to Google Developers.

The participants were provided with 1 month of free access to Qwiklabs for their further learning after the workshop.

The 5 labs were all based on Google Cloud Platform and they included:

- A tour of Qwiklabs and Google Cloud Platform
- How to create a Virtual Machine in GCP
- Getting started with cloud shell and gcloud
- Kubernetes Engine introduction
- Setting up Network and HTTP Load balancers



*Google DSC - Cloud Study JAM Workshop*

The main motive of this workshop was to give the participants a good head-start so that they can later learn and incorporate Cloud Computing into their college projects.

The participants included students from 2<sup>nd</sup> and 3<sup>rd</sup> year of CSE Department. There were around 20 participants in total who attended the workshop. The participants showed great enthusiasm, eager to learn about Cloud Computing.

The Students involved in the organisation of this workshop were Aditya Sharma (DSC Lead), Aman Shrivastava, Shruti Bichpuriya, Param Puranik, Rakshit Kathawate, Keshav Lakhotia, Sourav Roy and Sushant Kumar.

Prof. Devishree Naidu supervised the event in collaboration with ACM Chapter.

## Student Shines at ACM ICPC 2019

**International Collegiate Programming Contest [ACM-ICPC]:** The World's Most Respected and Sought-after Programming Contest. CSE Students are participating in ACM ICPC since 2015.


The students in a team of 03 members and/or 01 reserve participate in ICPC ASIA WEST REGIONAL CONTEST conducted in India at 04 Sites – Kanpur-Kolkata, Kharagpur, Gwalior-Pune and Amritapuri.



In ACM ICPC 2019, 64 Teams participated from Second, Third & Final Year CSE. Participation has enthused interest in competitive programming and helped students do exceptionally well in coding Hackathon and online code contest.

The teams were mentored by Prof. D. A. Borikar, Assistant Professor, CSE (refer ICPC Profile at <https://icpc.global/ICPCID/5GRC4RPH2V6W>).


CSE RCOEM registered its presence at ALL FOUR SITES for the first time. 03 Teams were selected for Regional Contest at Kanpur-Kolkata, Kharagpur, Gwalior-Pune and Amritapuri bagged 80th, 55th, 73rd and 91st Place respectively. The regional contests were organized during 05-31 December 2019 at above sites.



## ACM ICPC REGIONALS


**2019**


<b>TEAM ASCENDANTS</b> Shrey Agrawal, Pranav Manbhekar, Punit Gandecha, Vaibhav Kalbhore	<b>ACM ICPC 2019 ASIA WEST REGIONAL CONTEST</b> KHARAGPUR SITE : 55 GWALIOR-PUNE SITE : 73
<b>TEAM WHATS_IN_A_NAME</b> Rajat Agrawal, Karan Rathi, Adnan Husain	<b>ACM ICPC 2019 ASIA WEST REGIONAL CONTEST</b> KOLKATA-KANPUR SITE : 80
<b>TEAM NO_CALIBRE</b> Naman Vidyabhanu, Saurabh Talmale, Anirudha Agrawal, Surbhi Khatri	<b>ACM ICPC 2019 ASIA WEST REGIONAL CONTEST</b> AMRITAPURI DOUBLE-SITE : 91



**Department of Computer Science & Engineering**  
**Shri Ramdeo Baba College of Engineering and Management, Nagpur**

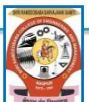
## Previous Attempts at ICPC





**acm** International Collegiate Programming Contest

	2016	2017	2018	2019
<b>Rankings</b>	--	56 @Amritapuri	76 @Kolkata-Kanpur 82 @Gwalior-Pune	55 @Kharagpur 73 @Gwalior-Pune 80 @Kolkata-Kanpur 91 @Amritapuri
<b>Regionals</b>	--	01	02	03
<b>Registrations</b>	04	16	24	64
<b>Year</b>	2016	2017	2018	2019



**Department of Computer Science & Engineering**  
**Shri Ramdeo Baba College of Engineering and Management, Nagpur**

## ACM ICPC REGIONALS

**2017**

**TEAM LORD\_BEAR\_US**

Pradyot Patil, Nishant Khanorkar, Varad Panch

**ACM ICPC 2019 ASIA WEST REGIONAL CONTEST**

AMRITAPURI DOUBLE-SITE : 56

**2018**

**TEAM NO\_CALIBRE**

Raghav Lohit, Saurabh Talmale, Naman Vidyabhanu

**ACM ICPC 2019 ASIA WEST REGIONAL CONTEST**

KOLKATA-KANPUR SITE : 76

**TEAM NO\_CALIBRE**

Raghav Lohit, Saurabh Talmale, Naman Vidyabhanu, Hashir Sheikh

**ACM ICPC 2018 ASIA WEST REGIONAL CONTEST**

GWALIOR-PUNE SITE : 82



**Department of Computer Science & Engineering**

**Shri Ramdeobaba College of Engineering and Management, Nagpur**

A

### Year 2018-19

Date	Name & affiliation of the expert/speaker	Topic	Whether Industry Expert /Institute	No. of Students Participated
5/09/2018	Mr.Tanmay Dixit Mr.PareshChitnawis CPAG, Nasik.	Digital Forensic	Industry	For CS,IT MCA students 60
2/2/2019 3/2/2019	Mr.AmitTodkar Senior Architect, Persistent Systems.	“Problem Solving”	Industry	CSE third year 65
20/3/2019	Miss. Isha Mujumdar Cyber Security Analyst, Prevoyance Cyber Forensic Pvt. Ltd. Nagpur	Network Security Intrusion Detection	& Industry	Final Year student 20
14/05/2019	Mr. Aditya Sharma Google DSC Lead ,RCOEM	Augmented Reality	Institute	Second and Third Year