



Government College of Engineering, Amravati-444604

(An Autonomous Institute of Government of Maharashtra)

NEWSLETTER

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"VOL III"



VISION

"TOWARDS GLOBAL TECHNOLOGICAL EXCELLENCE"

INSTITUTE CORE VALUES

- Excellent Students.
- Globally Competitive Academic Environment.
- Integrity and Commitment of Staff and Faculty.
- Active Industry Institute Interaction.
- Consistent Training and Placements.
- Graduates with High Employability Ph. D. Centre with QIP.
- R & D Activities with Patent.
- Testing and Consultancy Centre.
- Technology Transfer to Society.
- Standard Report, Dissertation and Thesis Writing.

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Creating Human Resources of Global competence
Providing An excellent Academic & Research Environment
Striving For Development through Technology Transfer
Inculcating The Attitude Of Entrepreneurship

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- Vaishnavi Wankhade(4th Yr Elpo)
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- Samruddhi Dhotre(3rd Yr Entc)
- Sahil ugale (3rd Yr Civil)

CIVIL DEPARTMENT

Universal Human Values Program Under CESA



Title:- Universal Human Values Education is a need for Holistic Development of Students

Speaker:- Dr.S.Tatewar Sir

Date:- October 31st 2023

Venue:- Civil A.V.Hall

The Department Of Civil Engineering ,in collaboration with **CESA** (Civil Engineering Student Association) organised a session on **Universal Human Value** (UHV) under CESA by **Dr. S.P.Tatewar Sir**. The main motto of that program was to give proper guidance about UHV. The program successfully done under the support and guidance of **Dr.M.N.Hedao Sir** (Head Dept of Civil Engineering) and **Dr.A.I.Dhatrak Sir** (Faculty incharge CESA) . That was very intellectual and impactful session as Dr.S.P.Tatewar Sir influenced students about real happiness. This program was attended by over 70+ students and faculty members in GCOEA. Prof. Dr.S.P.Tatewar Sir guided student how a bad behaviour of one person due to certain circumstances effect other people and ultimately this bad behaviour return to that one by becoming worst so professor guided students how to handle emotions and share some important tips for personal transformation.

ELECTRICAL DEPARTMENT

Calculator Workshop, (Under EESA,IE)



Title: Calculator Workshop

Date: November 4th, 2023

Venue: Department of Electrical Engineering (Room EE-104),
IE, EESA Student Council

Introduction

The Department of Electrical Engineering, in collaboration with the EESA, IE Student Council, recently organized a Calculator Workshop known as the "Calci Workshop." This workshop was specifically designed for first-year electrical engineering students. The primary objective of organizing the workshop was to familiarize students with the various functions of calculators.

The workshop commenced with an introduction by Prathmesh Kolhe and Piyush Sacchwani. Their opening remarks set the tone for the event, creating an engaging and informative atmosphere.



The "Calculator Workshop" aimed to equip students with a comprehensive understanding of calculator functionalities.

Overview:

As we anticipated, students brought two different types of calculators. Consequently, we made adequate preparations, assigning two members to explain the functionalities of each type – Yash Gharjare for Fx-991ex and Kousmin Gote for Fx-991Cw. The workshop began promptly at 1:30 pm. Our initial focus was on ensuring everyone was acquainted with the fundamental features of the calculators, including adjusting brightness, contrast, and resetting the device. Subsequently, we delved into various operations, starting with:

1. Function Conversion (Binary, Hexadecimal, Octadecimal)
2. Various operations used in matrices (Addition, Subtraction, Multiplication, Transpose, Inverse, Adjoint, etc.)
3. Various operations performed on complex numbers (Complex Division, Argument, Conjugate, Rectangular-Polar & vice versa)
4. Equations (Simultaneous, Polynomial)
5. Conversion of degrees to radians & vice versa

All the operations were covered using the calculator, and everyone became aware of them. To assess their understanding, a short test was organized at the end, and everyone successfully qualified. To gather feedback and suggestions, we distributed a Google Form to the students who attended the workshop. Each participant provided a satisfactory remark.

Bhagyawan Padole delivered the vote of thanks, concluding the workshop.

Conclusion:

The Calculator Workshop, organized by the Department of Electrical Engineering in collaboration with IE, EESA, provided students with a platform to acquire and expand their knowledge.

Send-off Ceremony for Prof. Dr P P Bedekar sir



Date: 2 November 2023

On 2 November 2023, Government college of Engineering, Amravati hosted a heartfelt send-off ceremony to bid farewell to Prof. Dr P P Bedekar sir, who has been an esteemed member of our academic community for more than 30 years. The event was a poignant moment for the faculty, staff, and students as they came together to express gratitude and appreciation for the great contribution made by Bedekar sir during his tenure.

Short biodata of Dr Bedekar sir

Bedekar sir completed his B E (Electrical Engineering) from Govt college of Engineering Raipur in 1985 and M E from Visvesvaraya Regional College Nagpur (Now VNIT) in 1990, and obtained his Ph. D. in 2012 from VNIT Nagpur. He also completed his advanced Diploma in Computer software, system analysis and applications in 1993 from Board of Technical Examination Mumbai and also completed AMIE diploma on same year. He served as lecturer at Datta Meghe polytechnic Nagpur (1988-89), Govt polytechnic Nagpur (1989-95), Board of Examinations Mumbai (1995-98), afterword at Government college of Engineering Amravati.

The program was presided by Hon'ble Principal Dr A M Mahalle, and other dignitaries including HoD (Electrical) Dr V M Jape, and Mrs Bedekar. All teaching and non-teaching staff of whole college were also present.

The program was started with opening remarks from Dr M V Jape, who acknowledged the distinguished career and impactful presence of

Dr Bedekar Sir. The program was presided by Hon'ble Principal Dr A M Mahalle, and other dignitaries including HoD (Electrical) Dr V M Jape, and Mrs Bedekar. All teaching and non-teaching staff of whole college were also present.

The program was started with opening remarks from Dr M V Jape, who acknowledged the distinguished career and impactful presence of Dr Bedekar sir. Also Head of the Dept Dr V M Jape highlighted key achievements, research accomplishments and the positive influence of Bedekar sir on the academic community.

Also, the colleagues from college expressed their gratitude about sir. Dr A I Dhartrak, Dr P B Ambhore, Dr G A Domane, Dr R B Sharma also expressed their appreciation and gratitude towards sir.

During the ceremony Dr Bedekar sir was presented with a token of appreciation, recognizing his outstanding and meritorious service to the academic field. He was felicitated by giving shawl and Shri phal. After this, the Principal Dr A M Mahalle also expressed his thoughts. The program was ended by vote of thanks form Dr R B Sharma Under the guidance of Head of Dept Dr V M Jape, all teaching staff of Electrical Engineering Department worked hard to make this program successful.



ELECTRONICS AND TELECOMMUNICATION DEPARTMENT

E-POSTER DESIGNING CONTEST

30August2023

A great platform was provided to showcase creativity of student by ETAS. E-POSTER DESIGNING CONTEST was arranged by ETAS for the students of

The Electronics and Telecommunication department hosted an impactful Electronic Poster Designing Contest through ETAS, emphasizing the importance of translating great ideas onto paper. The unique aspect of this competition was its lack of a specific theme, allowing participants the freedom to design based on their individual concepts using online tools. Thirty students eagerly participated in the contest, presenting a diverse array of posters covering technical topics, webinars, and women empowerment. To maintain accuracy, participants adhered to specified poster dimensions and submitted their designs online via a Google Form before the deadline of 24/08/2023 at 4 pm on Thursday.

A notable feature of the contest was the anonymous online voting process. Posters were uploaded without disclosing the designers' information, ensuring an authentic and impartial outcome. The results revealed Nikhil Gaidhane from the final year as the winner, with Arya Kularkar from the 2nd year securing the runner-up position. All participants received participation certificates, while the winners were awarded certificates and medals.

This competition not only enhanced participants' expressive and creative skills but also encouraged them to explore diverse online platforms for designing. With the guidance of ETAS faculty in-charge, Mrs. R.R. Harne, and the support of the students, the event successfully fostered a spirit of expression, innovation, and collaboration within the department.

The results were announced. NIKHIL GAIDHANE from final year emerged as the winner while ARYA KULARKAR from 2nd year became the runner-up of this E-POSTER DESIGNING competition. All the participants were provided with participation certificate and winners got winning certificate and medals. This contest improved expressing skills and creativity of students. It made sure to let student explore various online platforms for designing. With the guidance of ETAS faculty incharge R.R. Harne ma'am and support of students the event reached a successful end.

TECHNICAL QUIZ COMPETITION

21 September 2023

ETAS was back with another exciting event TECHNICAL QUIZ COMPETITION, a fun technical activity to test students' knowledge. ETAS arranged this competition which involved questions from a variety of domains especially electronics and science. Attended by the students from first and second year of the department and coordinated by third year and final year students. This event was organized on dated 20/09/2023 at 3:10 pm at the ET10 classroom.



The event was open for all the students and an online form was circulated for the registration. The final year students were the organizers of the event. After this, the teams were formed which consisted of two second year students and rest first year students.

This helped to strengthen the teamwork qualities.

In the competition three rounds like general question and answer round, Picture Perception in which each team was showed some technical devices and questions which they had to guessed correctly with taking least time to answer, and this round was winner deciding round. Two team were eliminated as the first round goes on. Team elimination criteria was on the basis of points they got after answering correctly. Second and third round had negative markings. It was buzzer round. The following were the 6 teams : Team Techno sync, Team Techcult, Team Alphatech ,Team E-Royals, Team MOSFET, Team Autonomous. The winning team was Team

Alphatech and runner up team was Team Techno sync. Sharwari Sawarkar, Aryan Deshmukh, Dnyaneshwari Ade, Krushna Bhuyar, Gauri Mahale, Arnav Sarotkar and Omkar Tikekar were the members of winning team- Alphatech

Respective team leaders and team members showed excellent teamwork. It was organized by Omkar Munde, Anurag Wankhede, Aniket Gulhane, Prachi Katariya from final year. Under their guidance and planning it was one of the most outstanding activities brought up by ETAS.



Shaurya Trophy

The first day of everybody's eagerly anticipated event "Shaurya Trophy" was marked on Thursday, December 14, 2023. It is an annual departmental sports event held under ETAS, comprising various sports and lasted for 3 days. Participation and competition occur among students from all four years, aiming to secure victory and ultimately earn the trophy for their respective year.

Day 1: 14th December 2023

The commencement of the event was initiated with a lively Flash Mob dance performed by students from the 1st, 2nd, and 3rd years, followed by the formal inauguration of the ETAS board by the esteemed Head of the Department, Dr. P. R. Deshmukh.



The featured game for the day was dodgeball:

For each year, two teams, each comprising 12 members, were mandated. The determination of the competing years for the first round was accomplished through the drawing of lots. Among the 8 teams, four victorious teams competed in the semifinals, and two of these advanced to the finals

.The competing teams advanced as below:
 First round: 1st year VS Final year (both teams)
 2nd year VS 3rd year (both teams)
 Semi-finals: 2nd year VS final year (team 2)
 3rd year VS final year (team 1)
 Finals: 2nd year VS 3rd year.

The outcome of this exceptionally well-played game resulted in the triumph of the 2nd year, securing them 10 points, with the 3rd year as the runners-up, earning a commendable 5 points.



Day 2: 15th December 2023.

The second day of "Shaurya Trophy" began with great anticipation. Participation and competition and will to win among students from all four years was commendable. The 2nd day consisted of 4 games:

BGMI- Online game:

For each year, two teams were mandated. Among the 8 teams, four victorious teams competed in the semifinals, and two of these advanced to the finals. The Finals were played: 4th year VS 4th year. The outcome of this exceptionally well-played game resulted in the win of 4th year securing them 10(7+3) points.

Chess:

Among all the participants the Top 16 of all were selected from open tournaments. The Top 16 participants played competitively in the next two rounds, followed by semi-finals. The finals were held between 2nd and 4th year. The 2nd-year's triumph and the 4th-year's masterful performance added 7 points to 2nd year and 3 points to 4th year for being runner up



Carrom:

The event further proceeded with carrom doubles. One boys' and girls' team from each year competed, making it a knockout match.

First round: 1st year vs. final year (both teams)

2nd year VS 3rd year (both teams)

Finals: 1st year VS 2nd year (both teams)

Winners of the carrom: 1st year (Girls)

2nd year (Boys)

Runners up: 2nd year (Girls)

1st year (Boys)

**Lagori Tournament Highlights:**

The Lagori tournament at Shaurya Trophy featured the participation of two teams from each year. The matches unfolded in the following sequence:

First Round:

- 1st year VS Final year (both teams)

- 2nd year VS 3rd year (both teams)

Semi-finals:

- 2nd year VS Final year (both teams)

Finals:

- 2nd year VS Final year

The pinnacle of the competition saw the 4th-year team emerging victorious in the finals, securing a notable 10 points on their chart. The runner-up 2nd-year team added 5 points to their tally. The day concluded with an atmosphere charged with anticipation among all the teams for the upcoming events on the last day of the Shaurya Trophy.

The Lagori tournament not only showcased the competitive spirit among different year groups but also left participants eagerly looking forward to the final day's events.

**Day 3: 16th December 2023.**

With a lot of courage, enthusiasm and excitement, there began the third and Final day of the "Shaurya Trophy". Everyone was on the edge of their seats as this was the concluding day of the whole tournament

Badminton:

The Final day began with Badminton doubles. Two boys' and two girls' teams from each year. It was brimming with competitiveness right off the bat.

Badminton boys:

First round: 1st year vs 4th year (both teams)

2nd year vs 3rd year (both teams)

Semifinals: 4th year (team1) vs 3rd year (team2)

4th year (team2) vs 2nd year (team2)

Both semi-finals were won by 4th year giving them total 15 points.

Badminton girls:

First round: 1st year vs 4th year (both teams)

2nd year vs 3rd year (both teams)

Semifinals: 1st year vs 2nd year (both teams)

Both the semi-final matches were won by 1st year securing them 15 points in total



Cricket:

The next sport was box cricket. Knockout matches were played between two teams from each year.

First round: 1st year vs 4th year (both teams)

2nd year vs 3rd year (both teams)

Semifinals: 4th year (team1) vs 3rd year

4th year (team2) vs 2nd year

Both semi-finals were won by 4th year giving them total 15 points.

**Tug of war:**

The icing on the cake was tug of war. Active participation from the audience made it even more lively.

First round: 1st year vs 4th year (won by 4th year)

2nd year vs 3rd year (won by 3rd year).

Finals: 3rd year vs 4th year

The outcome of this formidable effort, imbued with hope and confidence, resulted in the victory of the final year

Upon reviewing the scoreboard above, it is evident that the final year has officially secured the title of winners of the Shaurya Trophy 2023, which makes it their third consecutive win, a hat-trick, making the moments more special for them.



Final moments after the winner was announced are also worth mentioning where everyone came together as one. They cheered, they shouted, clicked photos and made a precious memory. Every soul present there got emotional when 4th year thanked everyone there as this was their last "Shaurya Trophy". At that very moment the boundaries of years melted, every heart was flowing with mixed emotions of sportsmanship, friendship, zeal and a silent promise for giving their best next year. Like this, as the twilight approached, everyone could see that the Shourya trophy was nothing less than an extravaganza. Even though the Shourya trophy is now officially over, the chants of 'KHAP ETAS' and 'GANPATI BAPPA MOURYA' are still echoing in the department

**WORD WIZARD CHALLENGE**

28 September 2023

ETAS once again delivered a mesmerizing event named WORD WIZARD CHALLENGE.

The event was a combination of quiz and spell bee which tested the writing skills as well as general knowledge of students. The event was open for all students from Electronics and Telecommunication department. Word Wizard Challenge held in ET10 at 3:00 pm on dated 27/09/2023, Wednesday.



Students from First, Second and fourth year participated in the event. Mihir Jaiswal from third year hosted the event. The Word Wizard Challenge consisted of a total of three rounds. Each round has sub rounds. The First round had non technical questions. This was designed to test the knowledge through picture perception. Second round had some questions related to english grammar. It has jumble words, dictation and abbreviation round named knowledge Knockout. It also has a round named Mythological Quest which has some general mythological questions. The complexity level increased in the third round as it has technical questions and general knowledge based question. This round contained sub rounds like Who am I ,The GK GALAXY WAR and Intellect Quest.

Total 7 teams participated in the event which had one member from fourth year and rest of the members form First and second year. The teams were TEAM AKASH ,TEAM TRISHUL, TEAMDHANUSH,TEAM AGNI,TEAM AMOGH,TEAM BRAMHOS, TEAM PRITHVI. As the round proceeded teams were eliminated on the basis of points earned. Round two and three had negative markings.

TEAM TRISHUL rose as the winner while team Amogh and team Brahmos played a cut throat tiebreaker leading the Team Brahmos as a runner up team. Pratik Raghuvanshi from fourth Ghormade resented the tie breaking questions. Samarth Deshmukh, Abhay kherde,



Shashank Lokhande, Urvish Rode, Vedant Chaware, Palash Khandelwal, Chetan Kathawate, Kanchan Kadu, Devashree Yeotikar, Gayatri Fale were the team members of winning team Trishul. This was an exciting event which led the audience on the edge of their seats. Mihir Jaiswal and Sakshi Sinha from third year along with Sujal Pachghare, Sharwari Sawarkar and Sanika Ghormade from Second year organized the event under the guidance of ETAS faculty incharge R.R. Harne ma'am. Event was concluded with team photographs. This was one of the most exciting events brought up by the ETAS.

Antenna and Radar Designing

A comprehensive three-day workshop on "Antenna and Radar Designing" was conducted for the final-year students of the Electronics and Telecommunication (ENTC) department. The workshop aimed to provide students with practical insights into antenna design and radar systems, fostering a deeper understanding of theoretical concepts and hands-on application. The workshop was graced by the esteemed presence of Mr. Anirudha Kulkarni and Mr. Mukund Bhole, renowned experts in



the field. Both guests played a pivotal role in imparting their extensive knowledge and expertise to the participating students. The workshop encompassed the following topics:

Guests' Welcome: The workshop commenced with a warm welcome extended to Mr. Anirudha Kulkarni and Mr. Mukund Bhople, who were greeted by faculty members and students alike.

Opening Speech by HOD: The Head of the Department delivered an opening speech, setting the tone for the workshop and emphasizing the significance of antenna and radar design in contemporary engineering.

Theoretical Learning by Mr. Kulkarni: Mr. Anirudha Kulkarni conducted a theoretical session, delving into the importance of dB and Signal-to-Noise (S/N) ratio in antenna design. The session covered fundamental theories, introductions, and calculations essential for antenna design.

Practical Implementation: Following the theoretical session, students engaged in hands-on activities. Under the guidance of Mr. Kulkarni and Mr. Bhople, participants implemented and tested their own-designed antennas using provided equipment and components.

Signal Testing: The range and transceiver signal capabilities of the antennas were verified in real-world scenarios around the college campus, providing students with valuable practical insights.

Theory: Importance of dB and S/N Ratio: Mr. Kulkarni emphasized the significance of dB

and S/N ratio in antenna design, elucidating their role in achieving optimal performance and reliability.

Practical on S/N Ratio of FM Signals: A practical session was conducted using RF Spike software at the [Lab Name], where students explored the differences in S/N ratios of FM signals. This hands-on exercise provided practical exposure to signal processing in real-world applications.

Small Practical on Sonar: A brief practical session on sonar applications was conducted, offering students a glimpse into the broader applications of radar technology.

Verdict-ory Session: The workshop concluded with a verdict-ory session, where students provided valuable feedback. This interactive session allowed for reflections on the learning experience, and students had the opportunity to share their insights and queries.

The "Antenna and Radar Designing" workshop served as a platform for knowledge exchange and practical skill development, leaving a lasting impact on the students' understanding of advanced electronic systems.

INFORMATION TECHNOLOGY DEPARTMENT

Pitch Pulse - A Startup Idea Presentation Competition 07 December 2023

On December 7, 2023, the collaborative efforts of the Department of Information Technology, Institute of Engineers (IE), ISTE Students Chapter, and Institute Innovation Cell (IIC) culminated in the successful organization of "Pitch Pulse," a startup idea presentation competition. Held at [Specify Venue], the event was guided by Prof. A. D. Wankhade, the faculty in charge, who set the tone by emphasizing the pivotal role of innovation and entrepreneurship in shaping the future of technology.

On December 7, 2023, the collaborative efforts of the Department of Information Technology, Institute of Engineers (IE), ISTE Students Chapter, and Institute Innovation Cell (IIC) culminated in the successful organization of "Pitch Pulse," a startup idea presentation competition. Held at [Specify Venue], the event was guided by **Prof. A. D. Wankhade**, the faculty in charge, who set the tone by emphasizing the pivotal role of innovation and entrepreneurship in shaping the future of technology.

The competition featured an esteemed jury, with Mr. Parashram Akhare, Founder and CEO of Krushi Sarathi (Navashee Agrotech Pvt Ltd.), at its helm. The participating students, driven by a passion for innovation, presented a diverse array of startup ideas spanning various sectors such as technology, agriculture, healthcare, and more. The jury, comprised of industry experts, provided invaluable feedback to the participants, offering insights and constructive criticism to further refine their concepts.



The event garnered additional prestige with the presence of **Prof. A. W. Bhade**, Head of the IT Department, and **Dr. S. A. Lohi**, both of whom lent their support to the initiative. Their attendance underscored the importance of such endeavors in fostering a culture of innovation and entrepreneurial thinking within academic institutions.

The climax of the event came with the announcement of the winners by Mr. Parashram Akhare. The winning teams demonstrated a remarkable blend of innovation, feasibility, and market potential in their startup ideas. The competition not only provided a platform for students to showcase

their entrepreneurial spirit but also facilitated networking and knowledge exchange among participants, faculty members, and industry professionals.

In conclusion, Pitch Pulse not only served as a catalyst for innovative thinking and entrepreneurship but also exemplified the commitment of the organizing entities—Department of Information Technology, IE, ISTE Students Chapter, and IIC—in nurturing the next generation of visionary leaders and innovators. This successful event undoubtedly contributed to the broader goal of creating an environment that fosters creativity and translates ideas into impactful ventures.



Expert Lecture Innovation and Startups in the Digital Age

Date: 13/10/2023

The Department of Information Technology, in collaboration with the Research and Development (R&D) Department, hosted an expert lecture on "Innovation and Startups in the Digital Age."

Dr. R. M. Metkar, Dean of the R&D Department, delivered an insightful address on the evolving landscape of technology and startups. **Dr. S. A. Lohi** and **Prof. A. W. Bhade**, Head, Department of IT, graced the occasion, adding prestige to the event. A significant highlight was Dr. Metkar's detailed explanation of government policies supporting startups at the college level. Attendees gained practical insights into the initiatives designed to foster entrepreneurship within educational institutions.

A significant highlight was **Dr. Metkar's** detailed explanation of government policies supporting startups at the college level. Attendees gained practical insights into the initiatives designed to foster entrepreneurship within educational institutions. The lecture covered various aspects, including the role of technology in driving innovation and emerging trends in the entrepreneurial ecosystem.

The interactive session allowed attendees to engage in discussions, fostering a deeper exploration of the topics discussed. The event provided a networking platform for students, faculty, and professionals interested in innovation and startups. Attendees connected with each other and **Dr. Metkar**, creating a collaborative environment conducive to future endeavors.

In conclusion, the expert lecture was a resounding success, broadening understanding of challenges and opportunities in the field and equipping attendees with practical knowledge about government support for startups at the college level. Special thanks were extended to **Dr. Metkar**, **Dr. S. A. Lohi**, and **Prof. A. W. Bhade** for their valuable contributions. The Department of Information Technology looks forward to organizing more such events, contributing to the academic and professional growth of the college community.

Smart India Hackathon Orientation Session

Date: 9th September 2023

The Department of Information Technology at Government College of Engineering, Amravati, organized a comprehensive online session on the Smart India Hackathon (SIH) on September 9, 2023. The event, was conducted on the Google Meet platform, aimed to provide tech enthusiasts with insights into successful innovation and effective problem-solving within the context of

the Smart India Hackathon while addressing any doubts they may have had. Commencing at 8:30 PM, the session welcomed students from all branches, fostering an inclusive environment. The agenda focused on unravelling the secrets of innovation and problem-solving within the framework of the Smart India Hackathon. Distinguished faculty members, **Prof. Vaishali Deshmukh**, and **Prof. A. W. Bhade**, shared their expertise. **Prof. Vaishali Deshmukh** provided insights into innovation and addressed student queries, while **Prof. A. W. Bhade**, Head, Department of Information Technology, emphasized the significance of the Smart India Hackathon.

An interactive Q&A segment encouraged active participation, allowing attendees to seek clarification and guidance directly from experienced faculty members. The event, seamlessly executed on the Google Meet platform, provided a user-friendly experience.

In a notable addition, discussions with a previous SIH winner enriched the session, offering participants firsthand insights into the challenges and strategies that lead to success in the hackathon. This interaction not only added practical context to the event but also served as a source of inspiration for participants.

In conclusion, the Smart India Hackathon Orientation session at Government College of Engineering, Amravati, proved insightful and enriching. Beyond an informational event, it served as a doubt-clearing session and provided practical guidance, inspiring a spirit of innovation and problem-solving. The active participation and enthusiastic atmosphere underscored the success of the event, showcasing the Department of Information.

Technology's commendable efforts in organizing a beneficial experience for tech enthusiasts.



ITSA STARTUP SESSION

**Date: 21st October
,2023**

The Startup Session took place in an online format, ensuring accessibility for a diverse audience.

The event was designed to go beyond theoretical knowledge, focusing on the challenges and triumphs faced by startups in the real world.

Mr. Parashram Akhare, an accomplished alumnus of our institution, brought a wealth of experience and expertise to the session. His journey in the entrepreneurial landscape provided valuable lessons for aspiring students looking to delve into the world of startups.

The session delved into the practical aspects of transforming ideas into successful startup ventures. **Mr. Parashram Akhare** shared personal anecdotes, challenges faced, and strategies employed during his entrepreneurial journey. The interactive nature of the session allowed participants to ask questions, fostering a dynamic exchange of ideas.

The event witnessed a commendable turnout, with students and faculty members alike expressing keen interest in understanding the intricacies of startups. The engaged audience actively participated in the Q&A session, demonstrating their eagerness to learn from a

30 Sept 2023.

The session, held on the 30th of September 2023, was conducted online, making it accessible to a wider audience. The primary focus was on demystifying Git and GitHub, with an emphasis on practical applications such as pushing, pulling, and collaborative commit practices.



Our esteemed speaker for the session was Bhavesh Chaudhari, a fourth-year IT student. Bhavesh's in-depth knowledge and practical experience with Git and GitHub made the session insightful and engaging. Participants had the opportunity to learn from a peer who has hands-on experience in utilizing these tools in real-world scenarios.

The event garnered significant interest and attendance from students across various academic years. The interactive nature of the session allowed participants to actively engage with the speaker, asking questions and clarifying doubts. The enthusiasm displayed by attendees demonstrated a genuine interest in mastering Git and GitHub.

Bhavesh covered a range of topics during the session, including basic Git commands, branching strategies, and the collaborative aspects of GitHub. Live demonstrations and examples were used to illustrate key concepts, making the content accessible to participants with varying levels of expertise. Post-session, attendees were encouraged to provide feedback.

The response was overwhelmingly positive, with participants expressing appreciation for the clarity of the presentation and the practical insights shared.

The interactive Q&A session facilitated a dynamic exchange of ideas and ensured that participants left with a solid understanding of the subject matter.



Expert Session: "Artificial Intelligence: Career Opportunities and Its Impact on Society"

Date: 24/11/2023

The Department of Information Technology organized a compelling expert session on "Artificial Intelligence: Career Opportunities and Its Impact on Society" on November 24, 2023. The distinguished speaker for the session was **Dr. Amol P. Bhopale**, an esteemed alumni of our college and currently serving as an Assistant Professor at the Indian Institute of Information Technology Nagpur. Dr. Bhopale's presence added a special dimension to the event, showcasing the achievements and contributions of our college alumni in the field of Artificial Intelligence (AI).

The session opened with a warm welcome, setting the stage for an engaging exploration of AI's role in contemporary contexts. **Dr. Bhopale**, with his firsthand experience and expertise, provided valuable insights into the evolving landscape of AI and its profound implications for career opportunities and societal dynamics. His presentation covered a spectrum of AI career opportunities, delving into current trends, essential skillsets, and potential growth trajectories within AI-related professions. The session catered to a diverse audience, comprising students and professionals keen on navigating the dynamic field of AI.

Dr. Bhopale also explored the broader impact of AI on society, addressing ethical considerations, societal challenges, and the imperative for responsible development and deployment of AI technologies. The interactive Q&A session that followed allowed participants to engage directly with Dr. Bhopale, facilitating deeper insights into the nuanced aspects of AI and benefiting from the experiences of an esteemed alumni.

In conclusion, the expert session, led by our



college's distinguished alumni, proved to be a valuable initiative by the Department of Information Technology. Dr. Bhopale's expertise and engaging presentation significantly contributed to the success of the event, showcasing the accomplishments of our alumni in the rapidly evolving field of Artificial Intelligence. The department looks forward to organizing more sessions to foster knowledge sharing and prepare individuals for the challenges and opportunities presented by AI.

Startup Idea Presentation under IIC and Star(IT) Up 06 November 23

The Department of Information Technology hosted an impactful startup idea presentation event on November 6, 2023, organized under the auspices of the Institute Innovation Cell (IIC) and the pioneering startup initiative, "Star(IT) Up." Led by **Professor A.W. Bhade**, Head of the IT branch, and facilitated by **Dr. S.A. Lohi**, serving as both judge and organizer, the event aimed to nurture innovation among students.

The presentations showcased a diverse range of startup ideas, spanning technology, software solutions, and digital innovations. **Dr. S.A. Lohi** and the judging panel evaluated the pitches based on innovation, feasibility, market potential, and overall viability, providing valuable feedback to participants.

The post-presentation networking session facilitated meaningful connections between participants, industry experts, and faculty members. This exchange of ideas added



depth to the event, fostering a collaborative entrepreneurial ecosystem.

A pivotal aspect of the event was the potential for incubation support. Outstanding ideas identified during the presentations may receive further support through the Institute Innovation Cell and Star(IT) Up program, including resources, mentorship, and guidance for participants looking to develop their concepts into viable ventures.

In conclusion, the startup idea presentation event, marked by Professor A.W. Bhade's leadership and Dr. S.A. Lohi's expertise, proved to be a resounding success. It showcased student innovation, provided valuable feedback, and offered promising opportunities for incubation and collaboration within the institute's entrepreneurial ecosystem. For the latest details, it is advised to consult the official communication channels of the institute.

Lecture on
"Higher Studies & Placement in Product-Based Companies"
10 November 2023

A lecture on "Higher Studies & Placement in Product-Based Companies" was conducted in Department of Information Technology on November 10th 2023. It was conducted through virtual mode under the guidance of **Prof A. W. Bhade** Head, Department of Information Technology. **Prof S. R. Wankhade**, faculty co-ordinator of this program.

The session commenced at 1:30 PM in an online mode, allowing students to participate from the comfort of their homes. The expert speaker, Mr. Shubham Chaudhari, a distinguished alumnus who completed his B.Tech from GCoEA in 2019 and pursued a Master's degree at IIT Bombay in Computer Science, shared his journey and

experiences. Currently contributing to the tech industry as a Cloud Developer at Microsoft, Mr. Chaudhari brought a wealth of practical knowledge and expertise to the session. The event aimed to provide students with valuable insights into higher education and guide them on preparing for placements in top-tier product-based companies. Student coordinators Vaishnavi Lande, Durgesh Firake, and Shivendoo Deshmukh ensured the smooth coordination of the program.

The student co-ordinators express gratitude to **Prof. A. W. Bhade, Prof. S. R. Wankhade, Mr. Shubham Chaudhari**. The lecture was a helpful resource for students looking to pursue higher studies and excel in placements at reputed product-based companies.

In conclusion, the Department remains dedicated to providing students with opportunities for growth and learning, as evidenced

by the success of this informative lecture.



COMPUTER SCIENCE DEPARTMENT

• Students Achievement

- 1)Rutuj Panbude
- 2) Abhinav dixit
- 3)Kunal Asatka
- 4) Mansi Shirbhate
- 5)Raj Chincholkar
- 6)Saurabh Dahibhat

Selected as grand finalist of Smart India hackathon 2023.

• Faculty Achievement

Name Of Faculty	Particulars
Worked under the mentorship of Prof. Milind B. Waghmare.	We are delighted to announce that the following team/s from our college stood out and have qualified the idea submission stage. The team of Government College of Engineering, Amravati named 'Innov8 rangers' comprising of 1. Atharva Dankhade, III CSE 2. Anushka Radke, III CSE 3. Vaishnavi Lande, III IT & 4. Shivendoo Deshmukh, III IT has selected 'Retail' as High level use case Industry/domain and worked under the mentorship of Prof. Milind B. Waghmare. Our team will now work to develop Minimum Value Product (MVP). They will require support and wishes from all of us! Well Done and Best Wishes for the successful development stage of the product.
Dr.Kamlesh. A. Waghmare	<ol style="list-style-type: none"> 1. Organized the webinar on Report Writing In LaTeX 2. Mentor for SIH Hackathon Project 3. Reviewer for Springer International Conference on Advanced Data-Driven Intelligence and Engineering, Bangalore
Prof. Milind B. Waghmare	Attended DTE Maharashtra and Infosys Springboard Sponsored three days Workshop November 30, 2023, to December 2, 2023 at Infosys Limited, Pune. Infosys Limited, Plot No. 24/2 Rajiv Gandhi Infotech Park, Village Maan, Phase II, Pune - 411057
Prof. Pushpanjali M. Chouragade	Published a research paper on topic "A Novel Security Aware Approach in Content Based Image Retrieval System using Trapdoor Verification for Cloud Environment"

INSTRUMENTATION DEPARTMENT

Report on virtual Session :Smart Plant Instrumentation and Detailed Engineering

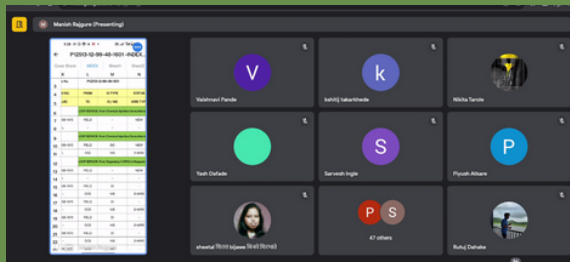
Date: 27th November 2023

On November 27, 2023, Government College of Engineering Amravati 444604, conducted a highly informative virtual session focused on "Smart Plant Instrumentation and Detailed Engineering." The speaker for the session was Mr. Manish Rajgure sir, a distinguished graduate of the Government College of

Engineering, Amravati who has excelled in the field of smart plant instrumentation. He is employed as a senior instrumentation and control engineer at Monarch Techno Engineering Solutions Pvt. Ltd. and has been performing this role for over a decade. The event aimed to provide students with insights into the latest technologies and methodologies in this specialized area of Instrumentation engineering. The session was organized and managed by INSTRUMENTATION STUDENT ASSOCIATION, under the guidance of the head of the department

Respected **Dr. Prof. BHUTADA** (HoD) , and Respected **Assist. Prof. BIJAWE** and other faculty members of the department.

The session commenced with a warm welcome, emphasizing the importance of staying updated on the latest advancements in Instrumentation engineering. The opening remarks set the tone for an engaging and informative session, creating a sense of anticipation among participants. Introduction of the guest respected **Mr. Manish Rajgure** sir highlighted their distinguished achievements and expertise in smart plant instrumentation.



The pride of having an accomplished alumnus return to share insights with the college community added a sense of prestige to the event. He provided a comprehensive overview of smart plant instrumentation, underscoring its critical role in modern engineering projects. The discussion on the integration of advanced technologies for efficiency and sustainability resonated well with the students.

The detailed exploration of engineering processes in smart plant instrumentation offered students a nuanced understanding of the field. Real-world applications and case studies shared by **Mr. Rajgure** sir added practical dimensions to theoretical concepts, enriching the learning experience. The session delved into recent technological innovations, including AI, IoT, and automation, showcasing their transformative impact on the field. Insightful discussions provided students with a glimpse into the future of smart plant instrumentation.

The interactive question and answer session facilitated direct engagement between Mr. Rajgure sir and the students. Students and faculty seized the opportunity to seek clarification, discuss specific aspects, and explore potential applications in their academic

and research pursuits.

To sum up, expressing gratitude to **Mr. Manish Rajgure** sir for sharing their expertise, the closing remarks emphasized the importance of applying the knowledge gained from the session. The effort and commitment put forth by the INSTRUMENTATION STUDENT ASSOCIATION, guided by the head of the department Respected **Dr. Prof. BHUTADA** , and Respected **Assist. Prof. BIJAWE** and other faculty members in bringing us such opportunities

IGC ROORKEE 2023

INDIAN GEOTECHNICAL CONFERENCE
2023 ROORKEE AT IIT ROORKEE FROM
14-16 DECEMBER 2023

NAME: RUGVEDA SATISH BHOYAR

PAPER PRESENTATION TOPIC:

PERFORMANCE OF INCLINED
TRAPEZOIDAL SHAPE SPIN FIN PILE
UNDER VARIOUS
LOADING

THEME: FOUNDATION ENGINEERING



Name :- Darshan Mahavir Deoda
 Poster presentation topic:- DESIGN AND PERFORMANCE OF A SELF DEPENDENT LAMINAR SHEAR BOX USING SHAKE TABLE TEST

Theme :- Geotechnical Earthquake Engineering
 Special Achievements :- 1) BEST PAPER AWARD AT 9TH INDIAN YOUNG GEOTECHNICAL CONFERENCE AT MIT AURANGABAD
 2) GOT 2ND PRIZE AT INDIAN GEOTECHNICAL CONFERENCE AT IIT ROORKEE



NAME :- SOHEL SHAIKH
 PAPER PRESENTATION TOPIC :- DYNAMIC EFFECT OF MACHINE FOUNDATION RESTING ON REINFORCED SAND BED
 THEME :- FOUNDATION ENGINEERING



NAME :- AISHWARYA ARUNRAO MAINDKAR
 PAPER PRESENTATION TOPIC :- COMPARATIVE STUDY OF UNCONFINED COMPRESSIVE STRENGTH OF EXPANSIVE SOIL TREATED WITH COMBINATION OF WOLLASTONITE POWDER, FLY ASH AND LIME
 THEME :- GROUND IMPROVEMENT



ITSA,IE,ISTE



Date: 8th Dec. 2023

MATLAB Essentials: A Hands-On Workshop for Beginners

On December 8, 2023, Professor Bedekar conducted an insightful and comprehensive workshop on the basics of MATLAB. The workshop was designed to empower participants with fundamental skills in MATLAB and took place in three distinct parts, each building upon the knowledge gained in the preceding session.

Part 1: Introduction to MATLAB (Morning Session):

The workshop kicked off with a detailed introduction to MATLAB, covering its significance in engineering, data analysis, and various scientific disciplines. Professor Bedekar provided a hands-on approach, ensuring participants grasped the essentials of the MATLAB environment, basic commands, and data visualization techniques. The interactive nature of the session fostered a conducive learning environment, allowing attendees to familiarize themselves with the software.

Part 2: Basic Programming Concepts in MATLAB (Afternoon Session):

In the afternoon session, Professor Bedekar delved into the fundamental programming concepts in MATLAB. The focus was on creating scripts and functions, understanding variables, and utilizing control structures. Participants were encouraged to solve practical problems using MATLAB programming, reinforcing their understanding of the language. The session also covered debugging techniques, enabling attendees to troubleshoot and enhance their code.

Part 3: Advanced Topics and Applications (Evening Session):

The final part of the workshop delved into advanced topics and real-world applications of MATLAB. Professor Bedekar explored topics such as conditioning statements, various function, and Matrix, showcasing the versatility of MATLAB in various domains. Attendees had the opportunity to work on more complex projects, applying the skills acquired throughout the day.



Participant Feedback:

Feedback from participants was overwhelmingly positive, highlighting Professor Bedekar's effective teaching style, clarity of explanations, and the relevance of the workshop content. Many participants expressed their satisfaction with the gradual progression from basic to advanced topics, enabling even those new to MATLAB to feel confident in their abilities by the end of the workshop.

Conclusion:

The Basics of MATLAB Workshop conducted by Professor Bedekar on December 8, 2023, was a resounding success. Participants left with a solid understanding of MATLAB, from its basic functionalities to its advanced applications. The workshop not only equipped attendees with valuable skills but also inspired a keen interest in further exploration and application of MATLAB in their respective fields.

Overall, the workshop served as an excellent foundation for participants to continue their MATLAB journey with confidence and proficiency. Professor Bedekar's expertise and engaging teaching methods contributed significantly to the success of the workshop, leaving a positive impact on all those who attended.

Report on "Matrix Masters" MATLAB Coding

Competition by ISTE in GCOEA

Date: 10th December 2023

Competition Format:

The MatrixMasters competition featured a dynamic format focused on assessing participants' proficiency in MATLAB graph plotting and basic coding. The competition comprised multiple rounds, each tailored to evaluate different aspects of the participants' skills in these key areas. Participants were tasked with creating visually appealing and accurate graphs using MATLAB, showcasing their ability to translate coding knowledge into effective data representation.

The challenges ranged from fundamental graph plotting exercises to more intricate coding problems, providing a comprehensive assessment of the participants' MATLAB capabilities. The competition emphasized not only the accuracy of the solutions but also the creativity and efficiency displayed in the coding process. The incorporation of MATLAB's graph plotting capabilities added a unique dimension to the competition, challenging participants to merge technical coding skills with an aesthetic presentation of data.

The time constraints in each round heightened the intensity of the competition, encouraging participants to strike a balance between speed and accuracy. By centering the challenges on MATLAB graph plotting and basic coding, the competition aimed to showcase participants' abilities to translate theoretical knowledge into practical solutions, fostering a deeper understanding of MATLAB's capabilities.

Winners and Recognition:

Following the intense competition, six outstanding participants emerged as winners, with three from the 2nd-year group and three from the 3rd-year group. The top three winners in each category were recognized for their exceptional skills in MATLAB graph plotting and basic coding. In addition to cash prizes, the winners received accolades for their proficiency in harnessing MATLAB's capabilities for effective data visualization and algorithmic problem-solving.

Conclusion:

The MatrixMasters competition, centered on MATLAB graph plotting and basic coding, served as a platform for students to showcase their technical prowess in a visually impactful manner. The event not only challenged participants to excel in MATLAB's coding environment but also highlighted the significance of effective data representation through graph plotting.

The success of Matrix Masters under scores the commitment of GCOEA and ISTE to nurturing a holistic understanding of MATLAB and its applications among students, fostering a new generation of skilled and innovative coders.



Title: PPT Presentation Competition

Date: 05 Sept 2023

Venue: CREE104, Electrical Department, Government College of Engineering Amravati

IE Student Chapter

The PPT Presentation Competition was organized by the IE Students under guidance of R.B. Sharma Sir for the Electrical Engineering Department.

The event commenced with a warm welcome extended to our esteemed guests who graced the occasion with their presence. Their insights and expertise added immense value to the competition.

The PowerPoint Presentation Competition, organized with enthusiasm, aimed to provide a platform for our talented students to showcase their research, creativity, and presentation skills. This event was a testament to our commitment to fostering academic excellence.

Our wonderful host, Sayali Lakade, guided us through the competition with her charm and grace. Her engaging narration set the tone for an exciting and informative session.

Gargi Dhole, expressing gratitude on behalf of the organizing committee, extended heartfelt thanks to the participants, judges, faculty, and everyone who contributed to making this event a success.

The heart of the competition was the outstanding presentations by our students. They explored diverse topics, offering unique insights and innovative solutions. Each presentation reflected the hard work, dedication, and research of the participants. The esteemed panel of judges, experts in their respective fields, shared their valuable perspectives on the presentations. Their constructive feedback and assessments will undoubtedly help our students refine their skills and knowledge.

We eagerly anticipate Engineers' Day for the grand announcement of the competition winners. Their achievements will be celebrated and rewarded, inspiring others to excel. We are deeply grateful to IE President Jagdish Khandale for his invaluable support and guidance. His helpful and encouraging nature has been instrumental in the success of this event. The success of this program would not have been possible without the tireless efforts of our students, who worked diligently to ensure the event's smooth execution. Their commitment to excellence is commendable.

In conclusion, the PowerPoint Presentation Competition was a testament to our students' dedication to learning and their ability to articulate their ideas effectively. We look forward to celebrating their accomplishments on Engineers' Day.



Thank you to all who participated and supported this event.

Your enthusiasm fuels our commitment to foster.



Title: Teachers Day Celebration Program Report :

Date: 05 Sept 2023

Venue: Civil A.V. Hall, Government College of Engineering Amravati

The Teacher's Day Celebration Program organized by the EESA Students under guidance of R.B. Sharma Sir for the Electrical Engineering Department was a heartfelt tribute to our esteemed faculty and staff. The event, attended by both teaching and non-teaching staff, aimed to express our gratitude and appreciation for their unwavering dedication.





The program commenced with a warm welcome by our talented anchors, Parimal Deshmukh and Tanvi Chavhan, who set the stage for an evening of appreciation and celebration.

Sayali Lakade, Shriya Ugale, and a few enthusiastic FY students delivered heartfelt speeches, sharing their experiences and expressing their admiration for the teachers who have been guiding lights in their educational journey.

As a token of our appreciation, a beautifully wrapped gift was presented to Bedekar Sir on behalf of the third-year students. This gesture symbolized our gratitude for his exceptional guidance and mentorship.

Bedekar Sir graced the occasion with his wisdom and humor, emphasizing the importance of teaching and the responsibility that comes with it. His speech was both inspiring and enlightening.

Devyani Khande, with her eloquent words, delivered a heartfelt vote of thanks, expressing our collective gratitude to all the teaching and non-teaching staff for their tireless efforts in shaping our academic journey.

The success of this program was a collective effort by the dedicated students of the Electrical Engineering Department. From organizing the event to ensuring its smooth execution, their hard work and commitment were commendable.

The Teacher's Day Celebration Program was not just an event; it was a sincere tribute to the mentors who have guided us on our academic path. It highlighted the strong bond between students and teachers in our department and served as a reminder of the impact teachers have on our lives.

We extend our heartfelt thanks to everyone who contributed to making this program a memorable success.



Report on "Writing for a Sustainable Future" Article Writing Competition at Government College of Engineering, Amravati

Date: 10th Sept. 2023

The "Writing for a Sustainable Future" Article Writing Competition, hosted by the Instrumentation department and ISTE (Indian Society for Technical Education) at Government College of Engineering, Amravati (GCOEA), emerged as a resounding success. This ten-day event, running from September 1st to 10th, focused on encouraging students to delve into the realm of sustainable engineering through comprehensive articles, each requiring a minimum word count of 1000 words. The response to the competition was overwhelmingly positive, showcasing the students' keen interest in sustainable engineering practices. Participants, representing various engineering disciplines, explored a diverse range of topics including renewable energy, eco-friendly materials, waste management, and green technologies. The competition served as a platform for students to blend their technical knowledge with creative and analytical writing skills, fostering a holistic understanding of the importance of sustainable practices in engineering.

The submission process in a soft copy format facilitated easy and widespread participation, ensuring that the competition reached a broad audience. This format also allowed for the inclusion of multimedia elements such as images, graphs, and charts, enriching the quality and engagement of the submitted articles.

Consequently, the competition became a hub for students to showcase their multifaceted skills, from technical expertise to effective communication. The judging panel consisted of esteemed faculty members from the Instrumentation department and industry experts with backgrounds in sustainable engineering. Evaluation criteria encompassed the depth of research, clarity of expression, originality, and the potential impact of proposed sustainable solutions. The success of the competition was attributed to the meticulous planning and execution by the organizing committee, ensuring transparency and fairness in the judging process. The winners were celebrated in a virtual ceremony where they were commended for their exceptional contributions to the discourse on sustainable engineering. Certificates of recognition, along with attractive prizes, were awarded to the top-performing participants. Furthermore, selected articles will be featured in the college newsletter and the ISTE journal, providing an extended platform for the dissemination of the ideas presented. The "Writing for a Sustainable Future" Article Writing Competition not only succeeded in raising awareness about sustainable engineering but also served as a catalyst for inspiring the student community to actively engage with and contribute to sustainable practices. In a world grappling with environmental challenges, such initiatives play a pivotal role in nurturing the next generation of engineers who are not only technically proficient but also socially and environmentally conscious. The event stands as a testament to GCOEA's commitment to fostering a culture of sustainability among its students.



Title: BRAIN BLAST QUIZ COMPETITION

Date: 12th and 13th September 2023

**Venue: Department of Computer Science And Engineering,
IE Student Chapter**

Introduction

The Department of Computer Science and Engineering, in collaboration with the IE Student Chapter, recently organized an exhilarating technical and general knowledge quiz competition called "BRAIN BLAST."

This competition aimed to challenge the intellect and knowledge of students while fostering a sense of healthy competition and camaraderie within the department. The event consisted of two rounds, with the first round being conducted online and the second round taking place offline on the campus of the Government College of Engineering and Technology (GCOEA). Prize Distribution of The BRAIN BLAST Quiz Competition also offered exciting cash prizes to the top performers from each year: first winner prize of ₹1000 and runner up prize of ₹750.

These cash prizes not only served as incentives but also recognized and rewarded the efforts and knowledge of the participants.



Event Overview

Round 1 - Online Quiz

The first round of the BRAIN BLAST Quiz Competition was conducted online and was accessible to all students from every department. Here are the key details of this round:

- Date and Time: The online quiz took place on the 12th
- Quiz Timing: The quiz had three sessions for different years.
 - 1st year: 6:30 pm.
 - 2nd year: 7:00 pm.
 - 3rd year: 7:30 pm.
- Duration: Participants had a total of 10 minutes to answer 15 questions.
- Content: The questions were designed to test the participants' general knowledge as well as their technical knowledge of computer engineering.
- Selection: The top 10 candidates from each year were selected based on their performance in this round.

Round 2 - Offline Quiz

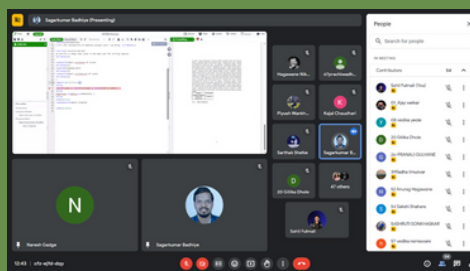
The second round of the competition was an exciting offline event, which added a new level of intensity to the quiz. Here are the details of the second round:

- Date and Time: From 3 PM to 5 PM of 13th September
- Venue :- This round was held in the 011 in CSE department, with the presence of IE members.
- Quiz Format: The format of the second round was the same as the first round, with participants answering questions related to general knowledge and technical knowledge of computer engineering.
- Difficulty: The questions in this round were designed to be more challenging than those in the first round.
- Interactive Element: In the offline round, candidates had the opportunity to engage in a buzzer round, where they had to compete to answer questions by clicking on buzzers.

Special Mention: History of GCOEA
One unique aspect of the competition was the inclusion of questions related to the history of GCOEA. This added an element of institutional pride and encouraged students to explore the rich history of their academic institution.

Conclusion

The BRAIN BLAST Quiz Competition, organized by the Department of Computer Science and Engineering in collaboration with the IE Student Chapter, provided a platform for students to test and expand their knowledge while enjoying the thrill of healthy competition. With the first round completed successfully, participants are eagerly awaiting the offline round, which promises to be a memorable event. The inclusion of questions related to the history of GCOEA added a unique touch to the competition, fostering a sense of connection with their educational institution. We look forward to celebrating the winners of this prestigious event and hope to continue hosting such engaging and educational activities in the future.



Title: Mastering Report Writing in LaTeX

Date: 7th dec 2023

ISTE Student Chapter, Department of Computer Science And Engineering

INTRODUCTION:

The Department of Computer Science and Engineering, in collaboration with the ISTE Student Chapter, recently organized an engaging online webinar focused on the intricacies of "Report Writing in LaTeX". The webinar featured Dr. Sagar Badhiye, Assistant Professor at SIT Nagpur, who shared his expertise on the efficient use of LaTeX for crafting professional and polished reports. This report aims to summarize the key insights and takeaways from the webinar. This is all under the guidance of Prof. N. G. Gadge Faculty Co-ordinator ISTE, Our student committee Sahil Fulmali (ISTE convener CSE Department) and ISTE co-conveners and members.



OBJECTIVE:

The objective of the webinar on report writing in LaTeX was to provide students with a comprehensive understanding of the LaTeX typesetting system and its advantages for creating high-quality technical documents. The event aimed to equip attendees with the knowledge and skills to effectively format, style, and reference reports, as well as collaborate with others using LaTeX. Ultimately, the goal was to empower students to master the art of report writing in LaTeX and enhance their professional and academic communication skills.

KEY TAKEAWAYS:

During the webinar, Dr. Sagar Badhiye highlighted the following key points:

1. **Understanding LaTeX:** Dr. Badhiye emphasized the importance of understanding the LaTeX typesetting system and its advantages for creating high-quality technical documents.
2. **Formatting and Styling:** The webinar delved into the various formatting and styling options available in LaTeX, including customizing headers, footers, fonts, and layout.
3. **Mathematical Typesetting:** Dr. Badhiye demonstrated how LaTeX excels in typesetting complex mathematical equations and symbols, making it a preferred choice for technical reports and research papers.
4. **Citations and References:** The webinar also covered the seamless integration of citations and references using BibTeX in LaTeX, ensuring accurate and consistent referencing in reports.
5. **Collaboration and Version Control:** Dr. Badhiye discussed the collaborative nature of LaTeX, enabling multiple authors to work on a document simultaneously, as well as the benefits of version control systems like Git.

CONCLUSION:

In conclusion, the webinar on report writing in LaTeX led by Dr. Sagar Badhiye provided valuable insights into harnessing the power of LaTeX for creating professional and polished reports. Attendees gained a deeper understanding of LaTeX's capabilities for formatting, mathematical typesetting, citations, and collaboration. The event was a resounding success, empowering students to elevate their report writing skills using LaTeX.

ITSA Aptitude Test**27 September 2023**

The Aptitude Test was organized on 27 Sept 2023, in offline mode at IT120 Classroom, IT Dept. The test comprised multiple-choice questions covering various domains such as quantitative aptitude, logical reasoning, and verbal ability. Each section aimed to evaluate different facets of the participants' cognitive abilities, ensuring a well-rounded assessment.

We were delighted to witness enthusiastic participation from students across all four academic years. The turnout reflected the commitment of our members to self-development and academic growth. The diversity in participation also contributed to the inclusivity of the event.

The Aptitude Test was conducted smoothly with the assistance of dedicated volunteers and the cooperation of the participants. The atmosphere was conducive to focused examination, and arrangements were made to ensure the integrity of the testing process. Participants were provided with necessary instructions, and queries were promptly addressed to maintain transparency.

The evaluation process is currently underway, with our team meticulously reviewing the responses. We aim to provide timely and accurate results to all participants. Once the evaluation is complete, results will be communicated through official channels, ensuring transparency and fairness.

Winner List:

1st - Prem Satpaise TY

2nd - Pranav Mawle FY

3rd - Sumer Pathan FY



STUDENTS WELFARE CELL

Vigyan Bharti organized 'VIDYARTHI VIGYAN MANTHAN' concluded at Government Engineering College Amravati

REPORT

18 December 2023: On 17th December 2023, 'Vidyarthi Vigyan Manthan' (Vidarbha region) organized by Vigyan Bharti Vidarbha Province was held at Government Engineering College Amravati. For this, a total of 125 students of standard 6 to 11 from 5 districts of Amravati Division participated. Vigyan Bharti is an indigenous science movement and plays an important role in shaping the country's approach and attitude towards science. Hon. Rajya Sabha MP Dr Anil Bonde paid a courtesy visit to this program.



The program started by lighting the lamp and worshipping the statue of Mother India at 9 am. This program was attended by **Shri Praveen Khandve** Vice Principal Ram Meghe College of Engineering and Research Badnera, **Shri Pachgade**, President Vibha Amravati, **Shri Naresh Chafekar**, Secretary Vibha Vidarbha Region, and **Dr M V Jape** Dean Student Welfare, Government College of Engineering Amravati was present.

After this, the examination of the children and for testing their practical knowledge in Mathematics, Biology, Physics, Chemistry and Biology etc. Experimental tests were also conducted.



During this period, the parents visited the Centre of Excellence of the college and learned other things about the college. After this Mrs. Raut's interactive session was conducted for parents. The main highlight of the program was Anupam Nerkar a student from standard 6th who gave drone information and demonstrated the prototype model made by himself.



This was followed by a lecture by **Dr V T Ingole**, former Principal, PICT Pune, author of the book "Aranyagarbha" and recipient of the 'Kirloskar Vasundhara Mitra' award.

The prize distribution program started at 5 pm. For this program, Inc. Principal **Dr S. Hirde** Madam, Dr V T Ingole, Mr. Naresh Chafekar, Mr. Suman Gangar, Mr. Dharmendra Kumar were present. In this Mr. Girish Joshi announced the first, second and third winners from each class (Class 6 to 11). Prizes of Rs.5000/- for the first place, Rs.3000/- for the second place and Rs.2000/- for the third place were given by the dignitaries.



These 18 winning students will participate in the upcoming National Level Student Science Manthan, Ahmedabad.

For this program Under the guidance of **Dr A M Mahalle**, Principal, GCOEA, Shri Girish Joshi, Mrs. M G Dehalkar coordinators VIBHA, **Dr M V Jape**, Dean Student Welfare, Sir teachers and non-teaching staff, Krishna Wankhade, Parimal Deshmukh, Shriya Ugale and all the students have taken efforts.

REPORT ON JR'S CREATORS CLUB'S JUNIOR RESEARCH COMPETITION BY SHASHWAT SCHOOL AMRAVATI

Junior creators club was established by Shashwat school Amravati affiliated with Cambridge Board of Education to promote scientific temperament and encourage young minds to progress further and increase quality of innovation in our society. Junior creator's competition was organized by Jr's creator's club on 17th December 2023 in Computer Science and Engineering, Government College of Engineering Amravati.



The program was started by small interaction of volunteers with organizers. The quest for quality knowledge has been a persistence challenge in the context of school education. Notwithstanding the remarkable strides taken by our country in providing access to all type of knowledge. What is the Thinking Process? It involves these following five phases in the process of solving a problem:

1. Observe/Empathize/Research, - the first phase helps you to identify needs and locate issues to be solved through observation and empathy
2. Understand/Analyze /Define, - this phase of the process helps you to understand, define and analyze the problem area.
3. Ideate/Alternate/Create, - this phase helps you to come out with several alternate creative innovative solutions to the problem
4. Build/Prototype/Detail and - this phase helps you to actualize the solution by building mock-ups, creating scenarios and then prototyping and detailing
5. Evaluate/Reflect/Implement - the last phase is to get feedback through evaluation so that the suggestions can be implemented in the final solution.

A total of 40 students from standard 3 to 7 presented their presentations. Students of the Government College of Engineering Amravati, acted as judges of this presentation.

under the guidance of **Dr A M Mahalle** Principal Govt College of Engg. Amravati, **Dr. M V Jape**, Dean Student Welfare, Smt. Neha Gosavi, Coordinator, Shashwat School Amravati, Satyajit Deshmukh, Parimal Deshmukh and student volunteers conducted the program successfully.

Program Report: Intellectual Property Rights Seminar

Topic: Know Your Rights

by Dr Vijaya Sangawar

Date and Time: 11th September 2023, 3:00 PM Onwards

Venue: Civil AV Hall

The "Know Your Rights" Intellectual Property Rights Seminar organized under auspices of Student Council was held on 11th September 2023 at the Civil AV Hall was a resounding success, providing valuable insights into the intricacies of intellectual property protection. Anchored by Miss. Abhiruchi Korde, the event featured **Dr. Vijaya Sangawar** as the distinguished speaker.



The seminar began with a warm welcome extended to **Dr. Sangawar** by **Dr. Manisha Jape Mam**, setting a positive and inviting tone for the proceedings.

Dr. Sangawar, an expert in the field, delved into various aspects of intellectual property rights, enlightening the audience on the significance of safeguarding creative and innovative endeavors.

Sangawar Mam's engaging presentation covered topics ranging from patents and trademarks to copyright laws, offering a comprehensive understanding of legal frameworks. Her insights into the evolving landscape of intellectual property rights provided attendees with practical knowledge applicable to diverse fields.

In conjunction with the seminar, a Quiz Competition was organized to celebrate Literacy Day. The winners were announced during the IPR Seminar. Congratulations to:

1. Pranali Arunrao Gulhane
2. Bhavika Ravindra Manke
3. Aashi Sahu
4. Anshuk Vinod Kalbande

The event concluded with a heartfelt vote of thanks delivered by Shriya Ugale. Expressing gratitude to the speaker, organizers, and participants, emphasizing the importance of spreading awareness about intellectual property rights in today's rapidly evolving technological landscape.

The "Know Your Rights" seminar served as a platform for knowledge exchange, fostering a deeper understanding of intellectual property and inspiring participants to navigate their creative ventures with confidence. The event received positive feedback, reflecting its impact in empowering individuals with crucial insights into protecting their intellectual creations.



Womens' grievance cell

Awareness program about Dental and Skin care



An "Awareness about Dental Health and Skin Care" was organized by Women's Grievance Cell (WGC) and Student Welfare Cell, Government college of Engineering Amravati October 27, 2023

Venue : Civil A.V Hall.

The Resource people for the event were Dr. Chitra Sachdev MDS (Conservative Dentistry and Endodontics) and Dr. Hitesh Khatri M.D (Dermatology, Venereology & Leprosy)

The event was also graced by the presence of **Prof.Dr. M. V Jape** ma'am Dean Student Welfare and Chairperson Women's Grievance Cell, **Prof. Wankhade** ma'am Member of WGC and huge Number of Girl Students of institute.

The session commenced by welcoming the dignitaries with Books. The resource person **Dr. Chitra Sachdev** and **Dr. Hitesh Khatri** were introduced.

Dr.Chitra Sachdev addressed the gathering and informed the students' about Dental Care. She gave an insightful explanation about how the Dental issue arrived because of silly careless towards teeths.

The session was truly informative and very engaging and helped the students immensely in Maintaining their Dental and Skin Health.

The event concluded with a vote thanks and with lots of knowledge of self care.

Session on stress Management



A "Session on Stress Management" was organized by Women's Grievance Cell (WGC) and Student Welfare Cell, Government college of Engineering Amravati

November 04 2023

Vanue : Civil A.V Hall.

The chief guest for program was **Prof. Vanita Raut** mam [M.A. in counseling psychology ,B. Ed , M.Ed , M.A. sociology and pursuing PhD from SGBAU] who is consultant psychologist in GCOEA

The event was also graced by the presence of **Prof.Dr. M. V Jape** ma'am Dean Student Welfare and Chairperson Women's Grievance Cell, **Prof. Wankhade** ma'am Member of WGC and huge Number of Girl Students of institute.

The session commenced by welcoming the dignitaries with Books.

During college life, students spent most of the time in college. Due to continuous mental work, study load, peer pressure, family problems mind become stressful and exhausted and got tired. So first of all mam cleared the definition of stress in very simple language. In very relaxed and comfortable environment she made person to person interaction and stated the importance of mediation and yoga. As yoga not only releases mental stress but also give strength to body and mind.

This session was an golden opportunity to all the students and faculty members to learn how to manage stress in daily life.



IIC ACTIVITIES 2023-2024

The Institution Innovation Council (IIC) for Government College of Engineering Amravati is established according to the guidelines from AICTE and

Ministry of Education, Govt. of India. Under the aegis of the Institute Innovation Council (IIC) various activities were conducted and details are given below:

1) IDEA PITCHING COMPETITION- INNOV-A-THON ORGANIZED BY IT DEPARTMENT

Title of the event: Presentations on the Start-Up Ideas

Date of Event: 06th November, 2023, Offline

Objective of the event: The main objective of the event is to create an in-depth understanding in student's innovations and start-ups journey by the department.

Details of the Program:

The idea presentation event was held in the Dept. of Information Technology and was attended by 10 participating teams comprising of more than 50 students and more than 70 students attended the presentation event. Students presented their innovative ideas and discussed about the feasibility and necessity of the approach they are proposing. Groups have also laid out the detail plan of action, requirement analysis, and methodology of development of the proposed idea, modalities and outcomes that have potential for the betterment of society in general.

Participant's details: 12 faculty members and 110 students .

Key outcome of the activity:

The outcome of the activity is given below:

1. Providing a suitable platform to the students wherein they can create and present their ideas of innovations and start-ups.
2. Creating a pathway for the department for a comprehensive understanding of the start-up ideas so that department can take up such ideas towards a final output.

1) Smart India Hackathon- Orientation Session by Dept. of Information Technology

On September 9, 2023, the Department of Information Technology at Government College of Engineering, Amravati, conducted online Smart India Hackathon (SIH) Orientation Session from 08:30 pm to 09:45pm. The session featured expert faculty **Prof. Vaishali Deshmukh (Gaidhane)**, an esteemed alumni of the institution, Mr. Siddhant Vispute and **Prof. A.W. Bhade**, Head IT, GCoE, Amravati. **Prof. Deshmukh** delivered a comprehensive overview of SIH, emphasizing the significance of effective problem statement selection and offering guidelines for PPT documentation. She told to insert use case diagrams in the PPT. Mr. Siddhant Vispute shared his personal SIH journey, underlining the importance of teamwork, personal growth, and time management.

2) The interactive Q&A session allowed students to seek further insights, making the session a valuable guide for the students.

Over 100 students from different branches of B.Tech actively participated in the event.

3) In summary, this SIH Orientation Session help students to know about SIH and also to clear their doubts and encourage them to participate in this hackathon.

Many efforts are taken at Institute level to encourage students regarding involvement in start-ups and Innovative idea participation.

Online session was conducted for students of IT Department by **Dr. Rajesh Metkar**, Convenor IIC Cell for providing a comprehensive understanding of the facilities created by the institute for the betterment of students towards innovations and start-ups.

Grooming sessions was conducted by Dr. Shantanu Lohi and Prof. A.W. Bhade to guide students about the methodology to be adopted while taking the path of innovations and start-ups.

1) Smart India Hackathon- Institute Level Competition

The Entrepreneurship Cell GCOEA organized an exhilarating entrepreneurship competition **THE PITCHER'S GAME** in association with **INSTITUTE INNOVATION COUNCIL** on [04 Dec 2023] at 11 am. The event aimed to foster innovation and entrepreneurial spirit among the students. The opening ceremony began with a motivating address by the esteemed Principal **Dr A.M Mahalle** sir .who highlighted the significance of entrepreneurship in today's dynamic world. During the ceremony, the Principal sir proudly shared the achievement of the E-cell, securing the 2nd position in the National Entrepreneurship Challenge organized by IIT Bombay. This recognition added prestige to the event,

2) Pitcher Game- Business Model Competition

setting a high standard for the participating teams. The competition witnessed enthusiastic participation from students with 22- 25 Team registration with each teams consist of 4 member. Total 80 students participation. who showcased their entrepreneurial prowess through innovative ideas and business models. The judging panel comprised eminent personalities including Dr. Sunil Pathak sir, prof R.M Metkar, Dr.D.V. Rojatkar sir ,Prof A.W. Bhade mam and Dr R.B Sharma sir along with Heads of Departments and the Dean of Academics.



The event progressed with teams engrossed in the competition, exchanging ground-breaking ideas and solutions.

As the clock struck 2 pm, a brief break was provided, allowing participants to recharge and network with fellow contestants. At 4 pm, the anticipation reached its peak as the closing ceremony unfolded. Gaurav Punvatkar the Marketing Team Coordinator, orchestrated the event. The ceremony commenced with a heartening speech from the Dr. R.B Sharma sir ,who commended the participants for their creativity and determination.

DR. R.B.Sharma sir shared valuable insights and feedback on the presented projects. Gaurav Punvatkar in his role as the coordinator, delivered the closing remarks, expressing gratitude to all participants, judges, and faculty members for their support.

He emphasized the importance of such events in nurturing future leaders and entrepreneurs. The E-cell's entrepreneurship competition at GCOEA not only provided a platform for students to showcase their innovative ideas but also fostered a culture of entrepreneurship within the academic community. The involvement of esteemed judges and faculty members added credibility to the event, making it a memorable and enriching experience for all involved.

3 cash prizes were given to top three winning teams.

1) Institute Innovation Council Meeting
A meeting of the Institute Innovation Council was scheduled on 07-12-2023, Thursday at 3.00 pm at the meeting hall, Administrative Building. All the Institute Innovation Council members were invited for the meeting
The meeting discussed the following points:

- The meeting started with the welcoming of the internal and external members along with student members by the Convener Dr. R.M. Metkar. Council members Dr. Swati Sherekar and R.R. Harné were permitted leaves due to their urgent matters.
- The meeting commenced with a warm welcome of internal and external members of IIC by the IIC Convener Dr. R.M. Metkar. He expressed gratitude to all attendees for their presence and emphasized the significance of collaboration and exchange of ideas within the IIC cell.
- IIC Convener Dr. R.M. Metkar requested Principal Sir to felicitate Mr. Samit Sanghai for his inclusion in institute IIC cell. Mr. Sanghai expressed his gratitude and shared a few words of wisdom with the audience.
- The minutes of the previous meeting were presented by IIC convener Dr. R.M. Metkar. After a thorough review, the minutes were put to a vote for approval. The minutes were approved by unanimous consent, and it was noted that all action items had been addressed.
- The IIC Convener Dr. R.M. Metkar provided an overview of activities conducted under the Institute Innovation Cell during the year 2022-23. Committee members expressed appreciation for the Convener's remarkable work. The Convener then outlined proposed activities for the upcoming year, 2023-24. IIC members showed keen interest to listen to some of the startup ideas from student side.
- Accordingly, Mr. Pratik Raghuvanshi student of Electronics Engineering delivered a comprehensive presentation on his startup model, 'E-BELL GLASSES.' The presentation covered various aspects, including the product concept, market analysis, and future plans. Attendees engaged in a Q&A session.



6) Bharat Con 24- biggest business summit organized by Amravati Management Association Amravati.

BharatCon24 – Vidarbha's Premier Business Summit organized by Amravati Management Association Amravati. On 6th January 2024, which was witness by the convergence of 25+ industry leaders from across the country, shaping the future of business in the region. Total 10 groups from institute was participated in Bharat Con 24 start-up idea pitching competition. 2 amongst 5 teams were selected for final competition amongst 100 teams participated from vidharbha region. Two teams won First and Second Prize of Rs 31000.00 and Rs 21000.00 respectively.

(Pratik Raghuwanshi & Team) – Able Glasses- First Prize- Rs 31000.00

(Bhavesh Chaudhari & Team- Nayan)- Second Prize- Rs 21000.00

7) following Mr. Raghuwanshi's presentation, Mr. Shivendu Deshmukh presented his startup model, 'NAYAN,' from the Information Technology Department. The presentation included insights into the product, its technological aspects, and strategic goals. Attendees participated in a constructive discussion.



8. Mr. Samit Sanghai shared insights into the journey of forming his startup, 'Kasturi Metals.' The presentation covered challenges faced, milestones achieved, and future prospects.

9. Dr. A.M. Mahalle directed the IIC Convener to plan a visit for IIC members to Kasturi Metals, MIDC Amravati, places where centers of innovation, incubation and start-up activities are established for aiming to foster collaboration and mutual learning.



10. Mr. Pranav Sontakke elaborated on various financial assistance schemes available with the State Bank of India, providing valuable information for potential collaboration and support.

11. Student members requested for being provided with financial support for competition, visits, travel grant and stay grants for the events and other competitions within India as per institutional R&D policy. The President has agreed for students and has suggested that faculty members be also taken under the ambit of this kind of financial supports under the institutional R&D policy for faculty members.

12. The meeting concluded with a vote of thanks from Dr. Shantanu Lohi, expressing gratitude to all attendees for their active participation. Future action items and follow-up meetings were briefly discussed, and the meeting is adjourned.

Institute Innovation Council Regional Meet, Pune

Title of the event: IIC Regional Meet, Pune

Date of Event: 16th December, 2023, offline

Objective of the event: The main objective of the regional meet is to showcase the fundamental aspects of creation of an ecosystem for students for research, innovations, start-ups and entrepreneurs spanning the broad range of multi-disciplinary educational environment.

Details of the Program:

The regional meet held in DY Patil Vidyapeeth, Pune had a vast spectrum of events namely poster presentations, guidance from the higher authorities of Ministry of Education, brain-storming sessions and so on. The event highlighted the urgent need of creating an ecosystem that doesn't get entangled into academic disciplines but provides a wholesome avenue of multi-disciplinary educational environment for students for research, innovations, start-ups and entrepreneurs. This type of ecosystem creation is very much needed in today's

world to cater to the new challenges that are faced by humanity today. The meeting also highlighted the creation of an approach to solve social, financial, agricultural, environmental, pollution related problems that are around us. We have been immensely benefited by the meet and the exposure that the team received. A poster from the institute depicting the activities of IIC is presented in the meet.

Participant's details: 03 Faculty members



Key outcome of the activity: The outcome of the activity is given below:

1. Understanding of fundamental assessment of creation of an ecosystem for innovations in the institution.
 2. Knowledge dissemination by faculty members to students for innovative mind-set and entrepreneurial attitude.
- 2) Participation in Avishkar- University Level Research Competition
Able glasses won first prize in University level Avishkar amongst all projects in Engineering and Technology and represent Amravati University at State Level Avishkar at Nasik ... They are now Colour Coat holder.



- 3) Maharashtra State Innovation Society – Student Innovation Challenge

Title of the event: Maharashtra State Innovation Society Innovation Challenge

Date of Event: 19th December, 2023, offline

Objective of the event:

The main objective of the event is to evaluate and select the best start-up ideas from Amravati district to represent in the Maharashtra level competition.

Details of the Program:

The event held at Shivaji Science College, Amravati in association with the Skill, Employment & Innovation department of Govt. of Maharashtra. From this institute 02 start-up teams participated in the event. The faculty members Dr. Rajesh M. Metkar and Dr. Shantanu A. Lohi worked as Jury Members of the evaluation committee. The teams presented their ideas along-with the posters in front of jury and explained their ideas.

Participant's details: 02 Faculty members and 06 students.

- 4) Ideate 1.0 Pre-Incubation Program for Start-Up- in Bharcon24 event

Total 10 groups from institute was participated in Bharat Con 24 held on 06/01/2024

at Amravati in It's a mega summit organized by AMA where dialogues will be on Start-up, MSME, AI for Business, Government Schemes etc. This program aims at recognize and celebrate the most progressive startup in India.

- 5) Visit to Symbiosis International University Pune Technology Business Incubation Center

Title of the event: Visit to Technology Business Incubation Center, Symbiosis International University, Pune

Date of Event: 15th December, 2023, Offline

Objective of the event: The main objective of the visit is to gather a detail information about modalities of setting up an incubation center and providing a comprehensive facility to the students for incubation relat requirements.

Details of the Program:

The visit to the Technology Business Incubation Center, Symbiosis International Dr. Yogesh Brahamankar, CEO of the center provided valuable inputs and showed the entire center. Faculty members interacted with the student innovators who are working on their models.

Participant's details: 02 Faculty members and 06 students.

Key outcome of the activity: The outcome of the activity is given below:

1. Understanding of fundamental assessment of creation of an ecosystem for innovations in the institution.
2. Knowledge dissemination by faculty members to students for innovative mind-set and entrepreneurial attitude.



Faculty Co-ordinator



Dr. S.S.Thakare

Electronics and Telecommunication
Department

We are delighted to present the published newsletter for the year 2023, an honor for our esteemed college. Leading this team has been a privilege, and we have spared no effort in facilitating our student's journey towards greater heights. Our initiatives included a series of sessions and seminars, aimed at empowering our budding engineers to confidently navigate any situation they encounter. From May to August 2023, our students showcased exceptional progress, not only excelling academically but also in a, extracurricular activities, and more. Moreover, we take immense pride in highlighting the extensive list of achievements by our esteemed faculty. Together, our college community has demonstrated that no barrier is insurmountable when it comes to achieving greatness. Such remarkable accomplishments deserve appreciation. This newsletter is a small attempt to appreciate Government College of Engineering, Amravati community.

