

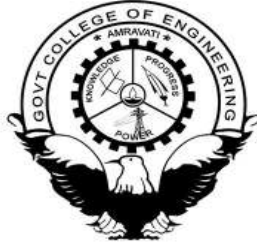


CAMPUS DRONE



JULY-NOVEMBER 2019
EDITION

Government College of Engineering, Amravati
(An Autonomous Institute of Government of Maharashtra)
"Towards Global Technological Excellence"



Government College Of Engineering,Amravati

(An Autonomous Institute of Government of Maharashtra)

"Towards Global Technological Excellence"



VISION

Towards Global Technological Excellence

MISSION

- Creating Human resource of global competence.
- Providing excellent academic and research environment.
- Striving for development through technology transfer.
- Inculcating the attitude of entrepreneurship.

BAJA SAE COLLEGIATE CLUB

Team GCOEA, from SAE Baja Collegiate club, had successfully cleared the virtual round for BAJA SAE-INDIA 2019-20 competition under the captaincy of Dharmraj R. Satav (3rd-year Mechanical Engineering) and Dr R M Metkar, Faculty Advisor held at Chitkara University on 13th of July, 2019. Out of the 282 participating teams, only 150 teams cleared the virtual round.

Our college team secured 90th rank on the national level. This was our 3rd year of participation. The judges appreciated the design proposition and also suggested some meaningful insights the BAJA SAE Series is an event for the undergraduate engineering students, organized globally by the Society

of Automotive Engineers, USA The BAJA SAE tasks the students to design, fabricate and validate a single-seater four-wheeled off-road vehicle to take part in series of events over a course of 3 days that test the vehicle for the sound engineering practices, the agility of the vehicle in terms of gradability, speed, acceleration and manoeuvrability characteristics and finally its ability to endure that back-breaking durability test. Currently, the club is busy in manufacturing the all-terrain vehicle. It will be completed by December's end, followed by design validation and actual track testing. The team will participate in the main events on 6th of March, 2020.



KARGIL VIJAY DIVAS

Every year, on 26 July, after the victory of Indian Armed forces in operation 'Vijay' against the infiltrating Pakistani troops, Kargil Vijay Diwas is celebrated to show the gratitude towards our real super-Heroes who sacrificed their lives for the nation. On the eve of Kargil Vijay Diwas, a Story Telling Competition was organised by NCC cell of GCOEA in Civil AV Hall. The topic for the competition was 'The Kargil War Heroes' which immensely helped for the youth to stay motivated. The students who participated in the competition gave

detailed information about the fighting spirit, patriotism and will of winning of the soldiers (Kargil War Heroes). The judging for this competition was done by Prof. K. N. Tayade, Prof. B. V. Wakode, Dr R. Rai. In this competition, the first prize was achieved by Cadet Shubham Rathod, final-year Instrumentation while Cadet Gauri Warkal, final-year Information Technology, got the second prize and the third prize was achieved by Cadet Runit Gore, third-year computer science.



ITSA's PHOTOSHOP SESSION

An introductory session on the “Adobe Photoshop” was conducted by the ITSA (Information Technology Student Association) on 2nd August 2019. The type of the session was Visual aided interactive session the session which lasted for nearly 2 hours, the basic tools and functions were introduced, such as Rectangular Marque Tool (M), Move Tool (V), Lasso Tool (L), Sliced Tool (K), Quick selecting tool (W), Horizontal Type Tool (T), Hand Tool (T), Zoom Tool (Z) and many more. The introduction was followed by supervising the students while they implemented the above tools. The real world examples of where these tools can be used were also instructed.



Later, the concept of layering was introduced, about how different layers are used for creating beautiful custom images for developing posters, pamphlets, flexes, logos etc. The concept of creating background for a passport size photograph was explained and students were challenged to perform it on their own. The students came forward with their ideas and created really appreciable piece of work using Photoshop.

The instructors, Aniket Itankar (3rd year IT) and Aditi Linge (3rd year IT) demonstrated their previous works based on Adobe Photoshop. The proper guidance regarding more references for Photoshop was also provided. The doubt session was also held in the end.

TREE PLANTATION CAMPAIGN



Every human needs oxygen for his life and Trees are the foremost source of oxygen as well trees help to reduce the level of CO_2 . As we all know that the whole world is facing the problem of global warming and to recover from such problem, planting the trees has become one of the most important need. The NSS Unit of Government College of Engineering, Amravati organized “Tree Plantation” programme under the National Service Scheme (NSS)

on Tuesday, 14th August 2019 in the college premises. It was attended by Pratik Malewar, NSS Programme Coordinator, and more than 100 student volunteers.

Under the Guidance of Prof. Bhagat, NSS Program Coordinator Pratik Malewar, NSS volunteers planted more than 50 trees. Each student took the responsibility to nourish and maintain the allocated plant. Eventually, the ground attained a glorious look. The committee decided to proceed with the same inspiration, enthusiasm and zeal to enhance the beauty of the college campus.

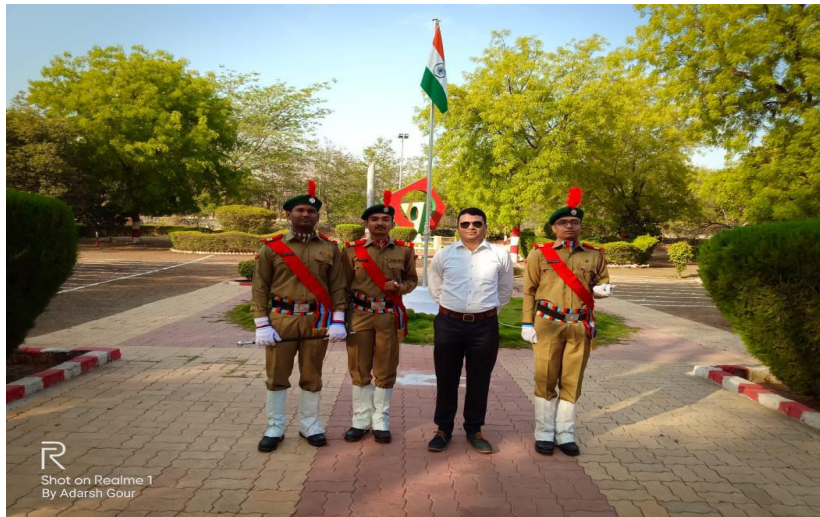
INDEPENDENCE DAY



It was a red-letter day in the history of India where the country got her freedom on August 15, 1947. It took hundreds of years for us to break the shackles of slavery. People of the country celebrate this festival every year with great pomp and show. The main program is celebrated at Red Fort in New Delhi. Besides that this festival is also celebrated in every city, town, school and college.

As per every year, this year too Independence Day was celebrated in the Govt.

College of Engineering, Amravati with lots of enthusiasm and excitement. Two pilots Cadet Rumit Gore and Cadet Jay Khandare received our respected Principal Dr. R. P. Borkar at his office at 7:40 AM. Then Commander Cadet Shubham Rathod took permission of Principal Sir to start the flag hoisting ceremony. Commander and Pilots along with Principal Sir proceeded towards the flag and at 7:45 AM, Principal Sir hoisted the Flag after which he inspected the Parade in which there were 7 cadets and 20 veteran soldiers of Indian Army of 8 Maharashtra NCC Battalion, Amravati. At the end Principal met everyone and wished all.



ORIENTATION PROGRAMME

AND PRINCIPAL ADDRESS



The Orientation Programme is designed to facilitate the academic, cultural and social adjustment of the first year commencing students. The day of 19th August this year will forever be engraved in the minds of the new members of our GCOEA family, the First Year B-Tech students. The Orientation Programme was held at Bhosle Hall and was meant for the 1st year B-Tech students who will continue their journey with GCOEA for next four years. The major objective of the programme was to make

the parents and students aware of the academic aspects of the course, the rules and regulation of the institute, various activities conducted, different technical and non-technical clubs and also ensuring parental participation in monitoring the performance and progress of the students.

The newcomers were welcomed by offering cards and sweets. The session commenced by welcoming all the respective dignitaries on the dais and performing the ritual of lightening the lamp and seeking the blessing of Goddess of Wisdom, Saraswati. The 1st year coordinator, Dr. D.A Zatale warmly welcomed all and along which a brief introduction about this prestigious institute was given.

Proceeding further in the session, the HOD's of all the seven departments gave brief description about their respective department. Then, Prof . V.M Jape Exam Coordinator well elucidated about the examination pattern. The Head of Training and Placement Cell, Prof M.M Deshmukh informed the students about the training and placements of our college. Later, the Chairperson of the Alumni Association, Mr. Kiran Pathurkar shared his words and added few more colours to the programme. After which Dr. A.I Dhatrak presented rules and regulation and the information regarding the Scholarship Section. Finally, it was the time that our Principal Dr. R.P. Borkar to address the students. He energized the students by his highly motivated speech strongly noting how should be the life of the student. His words touched everyone's heart and the students will carry the same 'Will of Fire' in their heart for rest of their life .

On this auspicious day, the opportunity was taken to felicitate the sparkling GEAMS of GCOEA Institute- the toppers of various departments and also the new GEAMS who were topper in their branch. The programme was concluded with the Vote of thanks.

INDUCTION PROGRAMME



The Induction Programme commenced on 20th August and the best gearing up added to the programme was by the session of Yoga. The session was carried out for four days. Mr Waiker, an expert in the field of Yoga well explained the importance of Yoga and various Asanas under it.

As today's urgent need of this era is communicating and hence all over demands us is to get fluency in our speaking skill and the only language highly in demand in English. The session

of improvement in the English language and speaking skill was conducted by Pinky Khandelwal. Then there was a spiritual session which was of 'Shatyog' and the team explained simple tricks to increase concentration and attain inner peace.

The session further carried was mainly focusing on the current situation going in our society and was taken by Shri. Bhushan Dalal, a great activist and a social worker. He made students aware and discussed the topics such as to the cause of the accident, its solution and remedies, a safety measure for girls and obeying traffic rules. Next comes the session of Mr Harshvardhan Palvat, who informed about various government schemes and made students acquainted about the useful app 'YuvaMahitiDoot'.

The students were connected and touched with their hearts in a very straightforward manner which was beautifully made possible by Dr Pankaj Wasadkar, who answered the question "Who you actually are?" and also focused on what matters is knowing oneself and inculcating positive vibes.

The further programme was carried out by Urvi Kheche, who is an advocate by profession and has received lots of awards at a very young age. She guided students almost about every law in a short period and also motivated to voice up for one's rights and to take stand against any injustice happening around.

Under the guidance of Mr Suhas Soni, the session was conducted involving the remedies and solution that one can take at the individual level to solve the problems relating the environmental problems. Ma-



for highlighting points of this session were water conservation plans, cleaning drainage system and using traditional methods for water storage.

The “DEESHA Eye and Organ Donation” carry a drive on a very huge level for Organ Donation and putting forward the message of ‘ Let others see through your eyes what you haven’t, so Donate Eyes’. The group awakened the students with their hard work for the underprivileged people and their motive made students awestruck.

Appreciating poems session was conducted by Dr D. J. Chaudhari in which he changed the view of students on the deep message of every line of the poem. Then the appreciation of Music session was conducted by Dr Madhukar Meshram, PhD in Music. He delighted the students with his sweet voice.

On the sixth day of the Induction Programme, the students were taken to the Tappovan, a mesmerising place with so pure ambience. The people living over there were attaining their livelihood by indulging themselves in small scale activities which strongly presented the real and actual situation of people in front of the students. Then the students were taken to HVPM, where they enjoyed and were jerked with the importance of sports in today’s world.

The session of Dr B.N Chaudhari made students acquainted with good and useful information regarding how and where should one explore oneself. He acknowledged the students regarding choices and options need to look after in life.

Dr Sunil Yawalikar conducted the session which had a pure essence of real arts and painting that has already been in our tradition since ages and the real gesture to feel proud of the greatest tradition that is none other than our Indian tradition.

The session enlightening the humanity and empathy in real life was taken by Gunjan Gole who put forward the real meaning of motherhood and made students realise that a helping hand can make one to live for few more days of his short life.

The final session of the Induction Programme was of Non-Violent Communication which made student learn good conversation habits, positive words while interacting and to learn what frontier wants to convey. The programme concluded with the Principal’s speech followed by some of the views taken from the first-year students.



GRADUATION CEREMONY



Graduation Ceremony of Tenth Batch was held on August 31, 2019 between 1.30 pm to 3.30 pm at Sangeet Surya Kesharao Bhosale Hall, VMV Campus. Hon. Er Sanjay Jadhao chaired the ceremony. Hon. Shri Sanjay S. Dhotre, Minister of State for Human Resource

Development and Information Technology, New Delhi was the Chief Guest. Hon. Dr. M. C. Chandekar, Vice-Chancellor, Sant Gadge Baba Amravati University, Amravati, Hon. Dr. H. R. Deshmukh Director, Board of Examination and Evaluation Sant Gadge Baba Amravati University, Amravati and Hon. Dr. D.V. Jadhav, Joint Director of Technical Education, Amravati Region, were guests of honour. Hon. Members of BoM, Principal Prof. R. P. Borkar, Deans, Programme Heads and CoE were amongst the other dignitaries on the dais. The candidates eligible for award of degree were announced by the respective programme heads. 458 UG students and 107 PG students were issued the Provisional Degree Certificates. 08 toppers of B. Tech. were awarded the institutes Gold Medal. 09 toppers of M. Tech. were awarded certificate of merit.

GANESH FESTIVAL



As per every year, the Ganapati festival was celebrated in Satpuda Boys Hostel, Sahyadri Boys hostel and Jijau Girls hostel with lots of excitement and enthusiasm from 2nd to 4th September 2019. It was the legacy of Satpuda boys hostel, which students continued this year and it'll be continued in future by the grace of Bappa. It was a three-day program which was conducted in Satpuda Boys hostel by all

the students of Satpuda and Sahyadri Boys Hostel. These programs were basically for the freshers (first-year students) which includes Elocution, Quiz competition, Special talent etc and were conducted in front of Bappa.

The students in the organizing committee worked very hard and decorated the stage under the guidance of all seniors despite so many problems and majorly contributed to the success of the festival. At last but not least, this program couldn't have been possible without the support of our Resp. Prof. Dr R. S. Dalu , Principal, Prof.S.Thorat , the warden of Satpuda Boys Hostel, Prof.R.M.Metkar , the Rector Satpuda & Sahyadri Boys hostel ,Prof.A.Londhe,warden of Jijau Hostel,with the support of Prof.S.S.Kumbhar and majorly because of the enthusiastic students of first to final year.

MEN BADMINTON

Inter College Badminton (Men) Tournament was being organised by the Directorate of Sports and Physical Education under Sant Gadge Baba University Amravati. Around 95 teams from different colleges participated in the tournament held at various zones from 4th September to 7th September 2019.

Our college got victory in the first match which was against the Shri Shivaji College Of Physical Education, Amravati by 21-12,21-15. The second match was against the Mahatma Jyotiba Fule MH. Amravati in which our team got the victory by 21-18,21-15. The third match was against Sipna College of Engg. and tech. , Amravati in which our team gave their best but could not snatch required victory for the team, and were defeated by 18-21,15-21.

Ram Bhala, Parishit Deshmukh, Yash Mahalle, Sumit Bawane, Tanmay Kale represented GCOEA.

The responsibility of the entire tournament was under Prof.Dr V.N Ghate, Prof H. S. Farkade, Badminton Secretary and Coach Ram Bhala and the representative of Gymkhana Shubhendu Halder.



WOMEN BADMINTON

Inter College Badminton (Women) Tournament was being organised by the Directorate of Sports and Physical Education under Sant Gadge Baba University Amravati. Around 95 teams from different colleges participated in the tournament held at various zones from 7th September to 10th September 2019.

Our college got victory in the first match which was against the Arts, Comm. And Science College, Amravati by 21-12,21-15. The second match was against the Sant Gadge Maharaj Mh. Walgaon in which our team got the victory by 21-10,21-15. The third match was against Degree College Of Physical Education, Amravati in which our team gave their best but could not snatch required victory for the team, and were defeated by 18-21,15-21.

Riddhi Jha, Shravani Jagtap, Ankita Muley, Komal Khirade, Rohini Thool represented GCOEA.

The responsibility of the entire tournament was under Prof.Dr V.N Ghate, Prof H. S. Farkade, Badminton Secretary and Coach Ram Bhala and the representative of Gymkhana Shubhendu Halder.

TEACHERS' DAY



Teachers' Day is celebrated across the country on 5th September. On the occasion of 131st birth anniversary of Dr.Sarvepalli Radhakrishnan, the Students of IT department organised a small programme at C2 classroom. The main organizers were 3rd-

year students. Faculties and students of 2nd and 3rd year were the key audiences. 1st Year students gifted special greeting card to each faculty. Mayur Madhekar from 3rd year gave a beautiful speech attributing the qualities of Professors. Prof K.N Tayade, Prof S.A Lohi, and Dr K.P Wagh enlightened the students with their experiences.

EESA team organised the programme at Seminar Hall in the Electrical Department. Faculties and the Students from all four years beautified the event. Beautiful Greetings were given and a small slideshow movie was also played. Hanmant Rasal from 4th year took an interactive session of faculty and students in which faculty answered the question asked by the students relating technical, non-technical, campus interview etc and enlighten them with their valuable words. This was followed by the speech of the Head of Department showing new ways and marking the importance of Education in student life. The programme was concluded with the National Anthem.

Instrumentation Department too has distinctly celebrated Teachers Day. The celebration commenced with the "Pratimapujan" followed by the felicitation of teachers by giving bouquet and pen as a token of love from students. Also, various games such as 'Dare by Chits' and 'Musical chair' were arranged by the students. Ashutosh Rai, Jay Khandare and Tushar Pathak expressed their gratitude towards teachers in English, Hindi and Marathi respectively. The whole atmosphere was filled with positive vibes by the motivational words of faculties. Refreshments were provided to every student and faculties. Tanusha Rawat gracefully concluded the event.

The programme of Teachers Day was also celebrated by 2nd-year students of Electronics and Telecommunication. The celebration started with felicitation of HOD followed by the teachers. Importance of Teacher's day and a poem was recited by the students. Then games such as throwing the ball in the bucket and also hand table tennis were arranged for the faculties. The programme came to an end with the great blessings and experience talk by the teachers.

All in all, it was an eventful day which was enjoyed by both teachers as well as the students.



KAVI KESHAVSUT KAVYA SPARDHA

On Wednesday ,11 September 2019 , like every year,a poetry competition 'Kavi keshavasut kavya Spardha' was organised by Post graduate Marathi section of Sant Gadge baba Amravati University at Sant Gadge baba Amravati University . This competition was organized for students from various colleges in five districts under Amravati University . Two students from every college participated in this competition.

Avanti Deshmukh from third year Computer Science and Engineering and Raj Thakre from second year Instrumentation Engineering represented our college.All Participated student's came up with poems on various topics and recited them with great zeal and enthusiasm . Students presented their poems in marathi language . In addition to curriculum , this competition was organised to expose latent qualities of students . This competition has encouraged the poet among the students . It was stepping stone for young students to develop their verbal skills and to boost their confidence . Student's enjoyed the beauty of expression , thoughts , feeling , rhyme , rhythm and music of words . First three winners were selected among all participants and honoured with trophy and certificates . All participated students were encouraged by giving certificates as a token of appreciation . Our college did not snatch any prizes but did their best.



BASKETBALL



Inter-Collegiate Basketball (Men) Tournament being organized by the Directorate of Sports and Physical Education at Sant Gadge Baba University, Amravati. Around 40 teams from different colleges participated in this tournament held in the various zone from 11th September to 13th September 2019. Our college got victory in the first match with Bhartiya Mahavidyalaya, Amravati by 28-34. The

second match with the Yuvashakti Arts and Commerce College, Amravati was easily won by Govt. College of Engineering, Amravati by 28-14. All students played well but in the match with Sipna College of Engineering and Technology, Amravati, we could not achieve what we deserve. Despite Lacking Basketball court in our college, the team practices regularly and performed well in the matches. Scoreboard indicated 38-18 at last and the victory was spelt from our hands. Yash Mahalle, Tushar Pathak, Aniket Sawant, Uddesh Shende, Rajat Fasate, Pranay Manware, Milin Bhade, Krushikesh Gawande, Prajwal Tayade, Ajinkya Hedau, Abhishek Selokar, Shreyash Raut represented GCOEA.

The responsibility of entire tournament was under Prof. Dr. M. L. Ghulhane, Basketball Secretary and Coach Yash Mahalle and majorly the tournament was successful because of enthusiastic and excited players.

TECHNOLOGY INNOVATION FORUM FOR AGRICULTURE NURTURING (TIFAN)



TIFAN, a club of our college students successfully qualified in Qualifying round of SAE TIFAN 2020. This year, the theme was to build a self-propelled onion harvester. It was conducted on 21st September 2019 at VIT Pune. 54 Teams from all over India participated in the competition. This was our second year of participation. Judges appreci-

ated the new system of Digging and suggested some ideas. The team was mentored and Guided by Neeraj Dubey from John Deere.

TIFAN is actually “Technological Innovation Forum for Agriculture and Nurturing”. This year theme was to build self-propelled onion harvester. This competition has helped students to know CAD-Analysis software, manufacturing and practical application of academic.

After the declaration of result, the team is currently working on the fabrication of machine. The final round will be conducted in March at MPKV, Rahuri. This will be a field evaluation round. The onion harvester made by the team would be very helpful for the farmers to reduce harvesting cost.

Team Captain: Pratik Talokar (3rd Year Mechanical Engineering)

REPORT OF INTRODUCTORY SESSION

ART CLUB GCOEA



On 22nd September, an introductory session of Art Club was held in the garden in front of admin building. All new members of the club were introduced with the previous members, they were made aware about all the activities and events that club conducts throughout the year like weekend sessions to learn various art techniques, mini-exhibition in an alumni meet, art exhibition in Prajwalan and much more. Previous year's members showed their own artworks. All new members were very amazed knowing about the club's existence in technical college. All of them

seemed to be very eager to start the activities soon.

Every year, ART CLUB GCOEA invites new students from 1st year and other senior years to become the members of club and form a team for conducting all activities and events. This team then passes on the legacy of the club to next year's team. The selection criteria for members is very simple and open minded, there is neither any interview needed to be passed nor any past experience requirement, all you should have is creativity, enthusiasm and will to create some artwork and craft-work.

This year a WhatsApp message and a notice was circulated by the Student head of club, Sagar R. Katole, which led to more than 65 entries in just 2 days from all branches and years.

ART CLUB GCOEA which is a very well-known name in our college, whose identity is to develop the creative and artistic hidden talents of our students and to

showcase them in front of society through various activities like exhibitions, sessions and workshops, is again going to conduct its events this year too.



MEN'S FOOTBALL



Inter College football (Men) Tournament was being organised by the Directorate of Sports and Physical Education under Sant Gadge Baba University Amravati. Around 53 teams from the different colleges participated in the tournament held at various zones from 18th sept to 23rd sept 2019.

Our team is accumbent to its position ie. zone winner and University runnerup for the year 2019. An excellent team work results in any win. Our team has a great wall Kedo Nasi, a colourcoat athlete along with Pratik Kaprekar

, Beningso Tayang, Vishal Chauhan. Attack wins you a game but defence wins you the title and thus we earned the tittle. All senior players Nadeem Tagale, Beningso Tayang, Vishal urkude, Kedo Nasi, Aditya Shende were mainly responsible for our victory. They were very humble to Juniors and thus this helped to improve them comprehensively. They provided a positive ambiance for play which helped us to perform well.

Ashutosh Rai, Kedo Nasi, Beningso Tayang, Vishal Urkude, Sanket Madavi, Saare Fachang, Kipa Tapum, Kaustubh Thakre, Vishal Chauhan, Pratik Kaprekar, represented GCOEA.

The responsibility of the entire tournament was under Prof. A.M Shah, Football Secretary Mr. Ashutosh Rai and the representative of Gymkhana Mr. Shubhendu Halder.

MAJOR ABHISHEK DHOK

Career Counselling Seminar was arranged in the Government College of Engineering Amravati by the Student Council on 23rd September 2019, at Workshop Hall.

It was an excellent opportunity for the students to interact with Abhishek Dhok who was having expertise in the field of Army.

The main aim of the program was to guide the students to choose their career after Engineering who were keenly interested in serving the nation by enrolling themselves in the National Defence Camps such as Army, Air Force. He elucidated the students regarding the enrolment procedure of the Army and also with the tips and tricks to clear the entrance test for the same. He gave detailed information regarding the different stages of the entrance test and also described the importance of Army and what role it plays for the nation. It was a great interactive session between the Major and the Students in which all the doubts and queries of the students were well explained.

On this occasion Prof. M.V. Jape, Head of the Student Council was also there to encourage the students. At the end of the session felicitation of Major Abhishek Dhok was done by Prof. M.V. Jape and the program was concluded with the patriotic sound of Vande Mataram.



ELECTRICAL ENGINEERING STUDENT ASSOCIATION

EESA



EESA (Electrical Engineering Student Association) has been organizing various curricular and extra-curricular activities for the development of technical as well as the non-technical skills of the students. Scientific-calculator tutorial session was organized by EESA for the first-year students as they are not that much aware of engineering Scientific-calculator which is one of the most essential gadgets of engineers. Therefore 'scientific calculator' tutorial workshop was organized for them. In that workshop electrical first year, students not only got the basic idea about Scientific-calculator but also learnt the shortcuts of using Scientific-calculator which is quite important in academic and in competitive exams.

EESA had also organized Industrial visit this year on 4th October 2019 at 220kv Substation Power House Amravati for the 3rd year students of the electrical engineering department. The main aim of that visit was to enhance the practical knowledge of students about substation working. This visit was conducted under the guidance of Prof.R.B.Sharma sir. The students came to know about how the power is distributed in all the sub-areas of Amravati district through that visit.

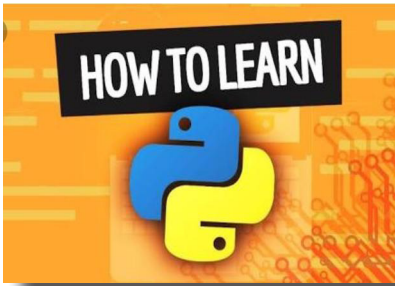
INTRODUCTORY SESSION OF ITSA's

An hour's session was conducted in L3 CLASSROOM on 29th September 2019 from 5:10 to 6:10 PM under ITSA for the students of 2nd year to brief them about what ITSA is. The conductors Mayur Madhekar, Gaurang Pateriya, Shweta Agrawal and Nihar Kanse gave the audience a complete understanding about ITSA, it's objectives and why it has started. The session was filled with humour among seniors and juniors. Various doubts and queries of the audience were cleared by the conductors. The conductors also shared their experiences which helped the audience to a great extent in understanding the motive and aim of ITSA.

They were introduced with the secretaries of ITSA i.e. Gaurang Pateriya and Mayur Madhekar, who enlightened the audiences by sharing their valuable insights that they obtained by working under and for ITSA.

Students were interested to become a member of ITSA, for which interviews were conducted for the selection of members. After conducting interviews, 5 members had been shortlisted and were taken as the members of ITSA.

INTRODUCTORY SESSION OF PYTHON



An introductory session on Python was organized for the students of 2nd year IT under ITSA in L3 CLASSROOM on 30 September 2019. The session was conducted by Mayur Madhekar from 3rd year and the session was mostly related with introducing python to the newbie's in programming. The session covered the basic concepts of Python

programming, Integrated Development Environment and Installing 3rd Party modules from command line.

After covering basics, an important application of Python was discussed in the session i.e. Web Scrapping. A real model of web scrapping build from scratch was introduced to the students which created enthusiasm among the students for learning Python language.

In the conclusion, Gaurang Pateriya from 3rd year shared his experience of building web scrappers and how he earned by making projects through it.

YOUTH FESTIVAL 2K19

12-10-2019



Youth festival 2019 is the cultural event organised by Sant Gadge Baba Amravati University. The event was held at Government Vidharbha Institute of Science and Humanities from 30th September to 03rd October 2019. A team of total 32 students participated in the various events such as Drama, Folk Dance, Folk Orchestra, Mime, Skit, One-act play, On-spot painting, Solo and Group Singing, Cartooning and various other.

The event was for four days which was commenced on 30th September and the same day the events of Collage Making and Classical Singing were held. On 1st October the program was further carried on with various events such as Folk Dance,

Solo Classical Dance, One-act play, Skit, Mime, Debate and Elocution, On Spot Painting and Poster Making. With full dedication and hard work, students performed well in particular events. On 2nd October, the events like Indian group singing, Sugam Sangeet, cartooning were conducted and our students successfully participated. On the fourth day of the Youth Festival, students participated in events like Western Solo, Percussion and Mimicry. Students showed their hard work, dedication, and perseverance and as a result, our college performed well in different events and won prizes in Western Instrument, Cartooning and Collage Making.



This event was a great success, because of the support and guidance of faculty In-charge Prof.N.N Khobragade, Prof.S.R.Wankhede, Prof. R.R.Harne and the event manager Mr.P.M.Hambarde and the great efforts of Cultural Activities Secretary Mr.Abid Khan Yakub Khan Pathan.



ITSA'S PLACEMENT PREPARATION SESSION



ITSA (Information Technology Student Association) Conducted a session in L3 Classroom on 1st of October 2019 just for Juniors by final year seniors to tell about their Placement Experience and how they Prepared for campus placement. Firstly Sangam Pandey started the session by his story about his placement preparation, how he was selected for Prati and TCS Ninja. Then Adarsh Basantwani told his off-campus Technical Interview day story which gave insight to students about the actual interview.

Then Sonam Matani shared her placement preparation hacks with junior. Chetana Ganatra told a lot about competitive coding platforms such as HackerRank, CodeChef, HackerEarth, and leetcode.

Then Kartik Lahoti who grabbed four offers with maximum package gave a path to conquer placement drive and juniors took as much information as they can take. He also cleared all the doubts of students. Students gave positive feedback and they learned a lot in the session.

CRICKET REPORT(MEN)



Inter-Collegiate Cricket (Men) Tournament

being organized by the Directorate of Sports and Physical Education at Sant Gadge Baba University, Amravati. Around 53 teams from different colleges participated in this tournament held in the various zone from 2nd October to 3rd October 2019.

Our college got victory in the first match with Government College of Pharmacy by 145 runs. The Excellent batting performance of 89 runs was by the senior batsman Kshitij Dasarwar and everyone played well but in the second match P.R.Pote College of Engineering and Management, Amravati won by 6 wickets.

Somnath Chate, Munish Singh, Kshitij Dasarwar, Sudarshan Solanke, Pranav Patekar, Ashutosh Rai, Vibhas Thakare, Panav Pawar, Kapil Agrawal, Satwik Mangrole, Vishnu-das Jadhav, Suyash Ingole, Gauang Deshpande, Farhan Khan, Pranav Thakare represented GCOEA.

THE ROBO-TECH FORUM



Creative and innovative brains of our super seniors set up the technical forum in the year 2013 with vision to empower the practical and technical knowledge of engineering principles. This ROBO TECH FORUM (RTF), one among the very few technical groups of college, is a gathering of students of not only a specific branch but from all branches who are interested in learning about and working with robots. Here, students put their time, efforts, and garnish it with lots of intelligence which results in a technically successful and a working robot.

Why RTF????? The answer is, from fuelling students' passions of learning to participating in a sport where everyone can turn professional, and more. For the students of first year as well as second year RTF conducted some workshops on Mechatronics and PCB designing. Currently Robo-Tech Forum of GCoEA is preparing robot to participate in ABU ROBCON 2020.

Objectives

- 1.Participating in various technical events and competitions.
- 2.Conducting workshops for juniors on basics of robotics.
- 3.Sharing of technical knowledge among students from first to final year from all branches.
- 4.Build and program robots for competitions.
- 5.Strengthening of skills such as creativity, problem solving, team management, leadership, etc.



YONO COLLEGE FESTIVAL



Yono-college Festival was arranged in the Government College of Engineering Amravati by Student Council in collaboration with State Bank of India (SBI) on 10 October 2019, at Civil AV hall.

Due to the rate of increase in the number of frauds in the current world, Student council in collaboration with SBI conducted an awareness session elucidating the precautions to be taken while doing online transactions and also the promotion of the YONO app launched by SBI. This session was conducted by Mr.Abhishek Vyas, Manager, SBI. Along with him, Mr.Mukesh Dalal, Chief Manager, SBI and Mrs.Niyati Kolte, Digital Officer, SBI were also present. On this occasion, Prof.M.V.Jape, Head of Student Council was also there to encourage the students.

Refreshments were given to the students and at the end of the program, felicitation of the guests was done by Prof.M.V.Jape and other Council members and at last, the program was concluded with Vote of Thanks given by Mr.Sarthak Shrivastava, 4th year, Mechanical Engineering.



I.E REPORT

Government College of Engineering Amravati

Department of Electrical Engineering

INSTITUTION OF ENGINEERS 2019-20

Institution of Engineers (IE) is a student association which organize several academic-related activities for students of all the departments. It includes activities such as seminar, technical-workshop, industrial-visit, expert lectures and competitions.

EVENTS REPORT

The first event was the Expert Lecture on Mechanical Design of Transmission Line and 220KV substation. It was held on 11th October 2019 from 03:00 PM-

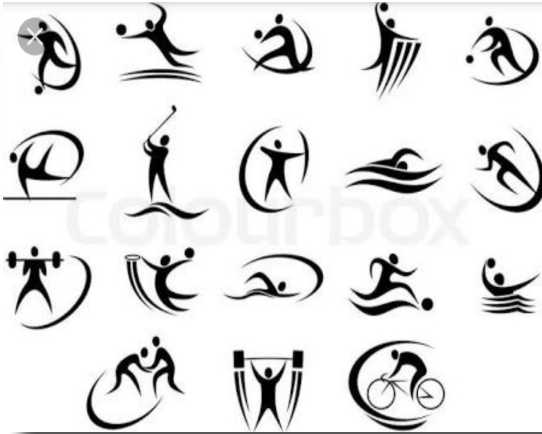


05:00 PM in the Electrical Engineering Department. Er. Vishal Ingle facilitated lecture in the presence of Dr G.M. Dhomne and Dr R.B. Sharma. The expert lecture started with the felicitation of dignitaries. The facilitator guided students regarding the design of the transmission line and the equipment installed

at the substation. He also explained the importance of mechanical construction of the transmission towers, cables, insulators according to the design parameters. The lecture terminated with an enthusiastic interaction between students and facilitator and vote of thanks by Ashish S. Sushir(Co-Convener IE), showing deep gratitude towards the facilitator and the staff in charge.

The second event conducted was MATLAB workshop on 18th & 19th October 2019 in Electrical AV Hall. Dr P.P. Bedekar guided regarding MATLAB to 2nd-year students. The event started with felicitation of Dr Bedekar sir by Ms Asheena Tanvi(-Convener IE). He taught various use of MATLAB and its uses in various sectors. MATLAB coding, simulation, image processing, digital signal processing were explained. The session was entirely interactive between the facilitator and the students. Students were overwhelmed as they were acquainted with programming on MATLAB. The session was ended with an objective test on MATLAB and vote of thanks by Ashish M. Yadav(Student co-ordinator IE), showing deep gratitude towards the facilitator and the staff in charge.

ATHLETICS REPORT



The Inter-collegiate Athletics event was organized by the Degree College of technical education, Amravati at Sant Gadge Baba Amravati University. It was a three days event which was conducted from 10 October 2019 to 12 Oct 2019 in which around 5 districts participated in the event. Out of which, there were 4 participants from our college Ashutosh Rai, Swapnil Chide, Darshan Tihale, Pratik Kaprekar participated in the event 4*100 meters Relay and due to their hard work and perseverance, this team was in the finals, but couldn't achieve success.

It was the privileged opportunity for all the participants to represent our college on the university level in finals. This event was possible due to guidance of Prof.P.P.Gajbhiye, Staff In-charge and with the tremendous efforts of Athletics Secretary, Miss.Avantika M. Bahakar. Also major support from our Gymkhana Secretary Mr.Shubendu Haldar and Lady Representative Miss.Kshitija Mayee.

JYOT-FRAMED FOR ENLIGHTMENT



Foundation of Jyot is to engross on the basic hurdles faced by the under-privileged students and to fulfil their educational necessities for which the members of Jyot have taken certain initiatives . The foremost initiative taken was Donation of Clothes at Melghat on 12th January 2019. Inorder to add colours to the faces of children the members of the forum have donated certain

amount to the orphanage through self earning on 19th Feb 2019.

So as per the decided aim of the forum members of Jyot had conducted test on 10th October and accordingly selected the students of 1st year for the interview on 11th october . The students who fulfilled the required criteria were provided with the notes . These notes were arranged by the seniors from the fund collected among them and also through the exam fee and the distribution of same was on 19th October.

In order to experience a unique side of Diwali celebration on 2nd November the forum decided to lighten a small candle in the life of children of the orphanage, for which the members of Jyot specially the 4th year students arranged Diwali sweets and delicacies for the little champs. The significant part of the event was celebration of Bhaubij with the pretty angles.



CHESS AND TABLE TENNIS REPORT



Inter collegiate Chess (Men and Women)

Trials were organised by the Directorate of Sports and Physical Education under the Sant Gadge Baba University, Amravati. Around 100 Students from different colleges participated for the selection of West zone inter University Tournament from 23-10-2019 to 25-10-2019 at Smt. Kesharbai Lahoti Mahavidyalaya, Amravati.

Samkeet Sangai, Uday Uikey and Srushti Sadafale represented the Men's and Women's Team respectively

Uday Uikey got selected in trials with the score of 7/9 and placed 5th rank in University. He also had the chance of Coaching Camp at Smt. Kesharbai Lahoti Mahavidyalaya, Amravati from 31-10-2019 to 07-11-2019. He represented Sant Gadge Baba University, Amravati Team in West Zone Inter University Tournament at Poornima University Jaipur (Rajasthan) from 10-11-2019 to 12-11-2019.

Inter collegiate Table Tennis (Women) trials were organised by the Directorate of Sports and Physical Education under the Sant Gadge Baba University, Amravati. Around 30 Students from different colleges participated for the selection trials of West

zone inter University Tournament from 03-09-2019 to 05-09-2019 at Vidyabharti Mahavidyalaya, Amravati. Sakshi Chede represented our College.

The responsibility of the entire event was under Prof. Dr.V.N.Ghate(Vice - President), Prof.P.M.Chouragade (Staff-Incharge), Atharv Jakate (Indoor game Secretary) and representative of Gymkhana Shubhendu Halder.



CONSTITUTION DAY



Constitution Day also known as Sanvidhan Diwas was celebrated on 26 November at Government college of Engg. Amravati. This remarkable day is celebrated across the country to mark the adoption of the Indian Constitution by our Constituent Assembly in 1949, which came into force on 26th January 1950 marking the new era in the history of Indian Republic.

On this occasion Dr. Pradip Aaglawe was honorable chief guest accompanied by our Respected Principal Dr. R. P Borkar along with Prof.A.S.Shindekar and Prof.R.H.Sarda. Dr. Pradip Aaglawe delivered an admirable speech which justified the prominence of our Constitution. He well explained the Fundamental Rights and our duties towards the Nation, also the ways to achieve socio-economic goals and to stand up for our Rights. He also gave

information about Simen Commission Act. With his admirable words he let us remember the Father of Constitution Dr. B. R Ambedkar his contribution and sacrifices.

The Program came to an end with the Vote of Thanks by Shubhendu Haldar followed with the loud burst of Jai Hind.

CREDITS :-

FACULTY:-



PROF.Dr.H.V.Patile



PROF.S.A.Lohi

SECRETARY :-



Tushar Pathak

CONTENT DEVELOPMENT :-



Neha Palaspagar



Aditi Walokar

DESIGNED BY :-



Mayur Bhakare

