



Purvarang

Edition V

Educating
Human Power
for Technological
Excellence

The Journey to the top:
SGGSIE&T excels in ARIIA
ranking 2020.

"Atal Ranking of Institutions on Innovation Achievements" (ARIIA) is an initiative of Ministry of Human Resource Development (MHRD), Govt. of India to systematically rank all major higher educational institutions and universities in India on indicators related to 'Innovation and Entrepreneurship Development amongst students and faculty. SGGSIET, Nanded has received 4th Rank in India, and 2nd in the state in ARIIA 2020 rankings among Govt. and Govt. aided Colleges/Institutes category. This was not possible without the efforts of all students, faculty, staff, and BoM Chairman and members. The students who worked in Innovation Laboratory, and Technology Innovation and Entrepreneurship Center (TIEC), faculty who were taking tireless efforts in Research & Development for innovations and patents, and the encouraging administration are the real pillars behind this rank.

- Department of EXTC engineering has signed MOU with GMI Aurangabad, BHIMA Nashik, Metro graphics, Sai Technology Chennai, John Deere Nashik.
- Department of civil engineering has signed an MoU with some NGOs for establishing the satellite center once they get approval from the university.

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Director's Message,

Prof. Yashwant V. Joshi



What impact in your opinion has and will the pandemic have on the placements in non-CS and non-IT branches?

As regards, placements life has been affected because of this pandemic - COVID-19, so there is an impact on every activity, the effects have also been found on the placements of non-CSE and non-IT engineering students. This impact has also come along with the other impacts of automation, most of the industries are moving towards automation, so the kind of job requirements are changing and the corresponding manpower required for this automated industry is not available as of now. On one side the manpower is not available with the required skills for automation (which has an) impact on artificial intelligence, data mining, data analysis, and other things. The impact is found in every walk of life and so is there in the placement scenario. I don't find much of an impact on the chemical industry or for that matter (of fact) pharmaceutical industries but mechanical and hardware industries, where the requirement of manpower in the industry is more and due to pandemic since the movement is restricted, non-availability of such manpower in the plants (industry) specifically has more impact on the placement scenario.

Do you think this is the right time for students to think regarding entrepreneurship seriously?

Yes absolutely, actually the Government of India has been pressing upon creating the startup culture in institutions wherein through the efforts of creating the startup culture, the expectations are that many people would become entrepreneurs and start their own business. To fall in line with this thinking, efforts to develop startup culture and to foster it are required on the campus. This is also affected because of this COVID pandemic, the presence of students on campus is being affected. So, my answer to the question is that (entrepreneurship) is a very important aspect that must be fostered during engineering education.

"Manpower is available but the manpower with the required skill is not available"

"The trend is that you need to continuously learn"

Director's message contd. from pg.2...

What academic expertise and soft skills should a student possess in today's era? Has our institute taken any efforts to provide those to the students?

The main impact on placements is, (even) right now I also receive many calls from industries stating that "please give us the required manpower with the required skills". Manpower is available but the manpower with the required skill is not available, this is the gap that exists. Many times the placement agencies or the companies give us feedback stating that "your students are sound technically however they are not good at communication and soft skills", this has been the feedback for the last 15-20 years.

In the past so many years, we have been making efforts in improving communication skills and soft skills in students. I have been stressing hard on these five important skills required for getting a placement: one of them is communication skills, the second one is soft skills, the third one is the aptitude of students which involves problem-solving approaches and students should be able to solve given problems, the fourth ability is the computer skills or programming skills in any one of the languages, it's also fostering solving problems by using computers, that's the fourth skill which is essential in my opinion, whether the student is from IT or non IT industry and the fifth one is risk-taking. The student should be taking risks while accepting the placement without bothering much about what is the future of these companies. Instead of that, as you see now in most of the higher institutes of learning the kind of national institutes like IITs and all, the trend towards going towards these big industries is coming down and people now want to join startups, where (in startups) more learning can happen that's what the feeling is.

As I understand it, clearly you are in the learning mode, even after graduation, you need to learn a lot. The new era is going to be called "Knowledge-Based Economy" so it's not money-based, it's knowledge-based and knowledge is money. So you need to continuously keep updating yourself with knowledge and skills required for the job so it is not like 30-40 years back when I was a student we used to feel that once you become an engineer you don't need to learn but now the trend is that you need to continuously learn. Although that time the mindset was like that, still, there were divisions in the engineering industry which were called "Continuing Engineering Education" in which continuity was expected because CHANGE IS THE ONLY CONSTANT. To change, industries also need to change, there are enormous examples where those industries which did not change have lapsed and have fallen much behind. However, the industries which have been continuously learning to change have been prospering, earning lots of profits and there are lots of opportunities in such industries. Therefore, the risk-taking attitude is important in my opinion, in these days where industries are falling in the era of the knowledge-based economy.

Note: Only the top 3 questions selected by the students of SGGSIE&T are displayed above.



- Department of Instrumentation engineering has MoU with Endress Hauser, Thermax, TIP Thomas. And they also have a good collaboration with Emerson Process.

नृत्य, संगीत, नाटक, कविता सर्वांचे आयोजन म्हणजेच "काव्यसंमेलन"

१५ ऑगस्ट म्हणजे स्वातंत्र्य दिन, भारतीय लोकांच्या गौरवाचा दिवस. प्रत्येक भारतीय या दिवसाची आतुरतेने वाट पाहत असतो. हा दिवस म्हणजे प्रत्येकांच्या मनात आनंद आणि उत्साह निर्माण करीत असतो. लोक अनेक प्रकारे या दिवसाला साजरे करत असतात जसे भारतीय सैनिक परेड करून दाखवतात, काही लोक नृत्य करून दाखवतात तर काही लोक आपल्या गायन कलेतून हा आनंद दर्शवित असतात.

१५ ऑगस्ट २०२० हा दिवस लॉकडाऊनच्या काळात प्रत्यक्षात साजरा करता येणार नाही याची जाणीव घेऊन आणि यावरती उपाय म्हणून श्री गुरु गोबिंद सिंघजी अभियांत्रिकी व तंत्रशास्त्र शिक्षण संस्थेचे अधिकृत मासिक "दृष्टि" च्या टिम ने महाविद्यालयातील चार क्लब - टीम संकल्प, अवरोह, गंधर्व आणि FSDC(फॅटल स्ट्रिंग डान्स क्लब) यांच्यासोबत मिळून काव्यसंमेलनाचे आयोजन केले. त्यात शिक्षकांचा पाठिंबा आणि मुलांचा प्रतिसाद यामुळे कार्यक्रम ऑनलाईन पढूतीने म्हणजेच YOU TUBE (चलचित्र पाहण्यासाठी व दाखवण्यासाठीची सुविधा) या माध्यमाने प्रसारित करण्यात आला होता. काव्यसंमेलनात अनेक विद्यार्थ्यांचा सहभाग होता. जरीही काव्यसंमेलन ऑनलाईन पढूतीने घेण्यात आले तरीही त्याला तोच प्रतिसाद आला जो की महाविद्यालयात उपस्थित राहून आला असता.

FSDC (फॅटल स्ट्रिंग डान्स क्लब)चे नर्तक अनुजा आणि मृणाली यांनी गणेशवंदना करून काव्यसंमेलनाची सुरुवात केली. त्यालगेच अदिती दूधमुळे यांनी गायलेल्या "जयोस्तुते" संगीताने कार्यक्रमाचा उत्साह आणखीनच वाढला. जेव्हा मनातील भावनांना विचारांचे स्वरूप येते आणि विचारांना शब्दांचे स्वरूप येते तेव्हा कविता तयार होतात, याच विचारांना शब्दांचे स्वरूप देऊन वैष्णवी काळे यांनी "माझ्यातील मि" ही कविता सादर केली. त्यांच्या कवितेतून त्यांनी स्वतःची भावना व्यक्त केली. १५ ऑगस्ट हा केवळ एक ऐतिहासिक उत्सवच नाही तर आपल्या देशाच्या स्वातंत्र्यासाठी लढलेल्या सैनिकांचे बलिदान आणि शौर्य यांची जाणीव करून देते. अवरोह तर्फे श्रेयस रायबोले, दुर्गेश हनुमाने आणि मनस्वी वालेकर यांनी स्वातंत्र्य सैनिकांची विरता आणि बलिदान याविषयी "मै रहू या ना रहू मेरा देश रहना चाहिये" या गाण्यातून सांगितले. श्रुती चिंतावार यांच्या "यार" या कवितेतून मैत्रीतील गोडवा अधिकच वाढला, त्याचबरोबर मैत्रीतील दुरावा म्हणजेच आपला चांगला मित्र आपल्यापासून दूर झाल्यावर आपल्याला कश्या गोष्टींना तोंड घावे लागते याचे वर्णन जानवी म्हात्रेंनी आपल्या कथेतून व्यक्त केले. काव्यसंमेलनाचे शेवटचे गीत घेऊन आलेले आभा वयकर आणि प्रिया क्षीरसागर यांनी "ए वतन" हे गाणं गाऊन आपल्या मधुर आवाजाने सर्वांना देशप्रेमात मोहित करून घेतले.

काव्यसंमेलन अतिशय उत्तम रित्या पार पाडण्यात आले आणि कार्यक्रमाचा शेवट सुखदा टकले यांनी सर्वांचे आभार व्यक्त करून केला. भविष्यात आणखी असे कार्यक्रम आयोजित करण्यात येतील हे सांगितले. प्रत्येक महाविद्यालयीन कार्यक्रमांमध्ये शिक्षकांचा पाठिंबा असतो, तसेच हे काव्यसंमेलन डिन स्टूडंट्स अफेर्स श्री. अरुणकुमार पाटील सरांच्या निर्देशनाखाली घेण्यात आले. सूत्रसंचालन टिम मध्ये अनिशा भोसले, अनुष्का गारोडे, सुखदा टकले आणि सुरुची वालथरे हे सर्व होते. काव्यसंमेलनाच्या सहाय्यक संघामध्ये ऋषिकेश औंढकर, अंगद सिंग सेना, श्लोक झुंगारे, आदित्य वानखेडे, अनुजा मुळे, हरिओम पाटील, अपूर्व गुंजकर, स्वप्नीता नेरकर यांचा समावेश होता. अनुजा मुळे, हरिओम पाटील, श्रुती घारोड, अपूर्व गुंजकर, देव्यानी देशमुख, रोमित भगत, स्वप्नीता नेरकर यांचा समावेश होता.

The Brains Of SGGSIE&T

Vol. 1



Interview of :

Ajinkya Dhariya,
Founder & CEO,Padcare Labs
SGGSIE&T, Nanded (2014-17)

Over 12 billion used sanitary pads are discarded every year, out of which almost 98% end up in a landfill. It takes 800 years for a single sanitary napkin to decompose. PadCare Labs has developed a rapid, easy, economical and eco-friendly sanitary waste sterilization, segregation and disposal solution to deal with the problem of menstrual waste.

I would like to request you to introduce yourself to the people who don't know much about you.

I have graduated from SGGS in 2017 from Mechanical Engineering discipline. I remember I was there from 2014 till 2017. As an engineer I have always wanted to do something for the society by leveraging the technological aspects, so we started and after 2017 I got placed in Grind Master as R & D engineer where I got the opportunity to work with ISRO for a year and IIT Delhi, but the thing is that I always wanted to do something different and my passion was to start my own startup, so I took a number of steps towards that. My engineering days were more project-oriented rather than sitting in the class. I worked on a number of projects including being a part of the Supra captain, a number of projects I got in mechanical engineering discipline, I filed a few patents in my engineering duration. After completing my graduation, at Grind Master, I got an opportunity to work towards solving a very novel cause that the society is facing right now and that is of sanitary napkins disposal, which is a hidden issue. So, I started working on that in 2018 with the vision to create sustainable societies by enhancing hygiene standards and started a start-up called Pad Care Labs which is right now backed by numerous organisations including the government bodies, NITI Aayog, on a global level we are working with the TATA trust. We have a team of eight, coming from very diverse backgrounds like engineering, natural sciences, behaviour studies, economics, operations and others. So yeah, I am still learning, not really successful but still in the journey where our mission and vision is to create an impact on the ground level society.

Can you tell us about the work that you did as a student in the SGGS institute, in the mechanical department which was later patented?

Yeah, so in 2nd year I was working with different projects within the mechanical department, I was a part of RNXG club, ACE, as well as BABA club and so it's all about the when I started I patented an idea of Magnetic Engine where all my passion and work was towards energy sustainability and also I love the kinematics part. So, in that patented Magnetic Engine, I had developed a chain or a Magnetic Prime Mover, wherein the main focus was to find how can we use magnets to generate electricity which can be used at the automobile level. Apart from this, I have also worked on how can we generate energy from engine heating where it can be used for cooling and I have also worked on generating energy from the rotational motion, again that was the magnetic thing. My objective while working on these projects was not to earn money because I was enjoying working on them. Some of my time I used to spend in class but a majority of it went in labs where I used to be busy iterating how things can work out. So, I earned a very good mental shape from the Mechanical Department labs, the Professors and the HODs. I believe that if we learn something and there is no ground-level implementation to it, then learning has not been put to good use. We should use our knowledge for the benefit of the society or the environment and business can be created out of anything, the only thing that matters is that one should be passionate enough for the subject. I have filed 3 patents during my tenure of 4 years in the institute in Energy Sustainability and Automobile sector.

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Tell me more about your company, how is it working and what are the things that you are taking care of?

As the CEO and founder of Pad Care labs, there are a lot of roles that I play. It is a journey, in the beginning, the skills set and requirements were different than now. That time when we started we focused more on the problems to understand whether it is an actual problem or not or are we just assuming. I personally interacted with more than 500 women to get more data and generate empathy towards them. The on-ground research is the key, merely sitting with a laptop won't help. Right now I am handling different roles like technical aspects and operations, I have a team for that so they are doing it. The crucial part of being a CEO is firstly managing the funds and secondly building a team with leadership qualities who can take this forward and the third is to build a culture which will help us build an innovative company. We are focusing on building a company with innovations as its core. Right now at Pad Care Labs, we have developed smokeless sanitary napkins disposal which can be installed at organisations. For example, it can be installed in SGGS institute where around 600 girls stay in the hostel, where we can install the processing unit at the back end and we can install the collection units of Pad Care at each individual's cubicle, so the housekeeping staff can process it and the output material coming out of it can be reused to make different things like pots out of it. So, basically, we are closing the loop to create a circular economy and we are backed by TATA trusts, NITI Aayog and many more. Throughout the journey, we observed one thing and that is that team is the key, so all of us are passionate about what we are doing and everyone is motivated by the impact that we are creating on the ground. So, yes the journey started in 2018 when I was just a pass-out and we were focusing on the problems and now we are able to create a sustainable business at the global level. During this entire journey, I have learned from my failures, it has been my greatest teacher in the last 2 years.

What are the challenges that you have faced in this entire journey of entrepreneurship and how do you address them?

As I have already commented that the requirement of skills is different at different levels like when we had started Pad Care Labs the major challenge was towards building a team and developing the technical side. Now it's more about how can we take this at a scale, how can we make a business out of it and how we can take this to the global level. There is one thing that I personally believe in and that's the 3 P's – Persistence, perseverance and passion.

Like I said we all have some idols, so who was your Idol?

Since my childhood, I used to dream about how Dhirubhai Ambani started reliance and became this successful and how it is right now. So, my passion to start a business came from Dhirubhai Ambani. The values that I am following currently is of Ratan Tata that is to solve social problems and helping to develop products that are made in India. So, my idol in terms of business aspect is Dhirubhai Ambani and Ratan Tata in the social aspect. Every person has their pros and cons so we cannot have a single idol and we should derive inspiration from all the good qualities of different successful people.

Do you have any message for young and budding entrepreneurs from our college?

My message to them is that if you want to do something just take steps towards it without talking. Like I have said risk-taking ability is the key, rather than just comparing who is getting better pointers. To be frank no one talks about the mark sheet in the market. Most of the cases it is about practical learning, how you are interacting with people, how you are conducting your business and your actions. Your actions speak more rather than your mark sheet which is just a piece of paper. Failure is the part of the journey which is essential as it puts you back on track. One comment here would be to try getting more knowledge instead of having a narrow perspective. The more the experience we have the better. Actually, I swept the toilets and washrooms when we started doing the prototype testing. If u face the reality it helps you to develop something that no one has developed in the world.



- Department of IT is very glad to share that they are having 5 years MOU with Infosys, a Bangalore-based company.

Dean's Message (Dean of Student Affairs),

Dr. Arunkumar R. Patil



How is the functioning of SIC? What is the role of CA1 and CA2 for their respective classes, and in the SIC?

Students Interface Committee (SIC) is a team of Class Representatives (CR) and Class Ambassadors (CA) from every class and division. This is a structure that addresses the difficulties and problems of all types of students in the class. Usually, CR is selected from the toppers and he may not be able to address the issues related to middle or lower performers. To understand the problems of the middle and lower levels, we have created two additional representatives, Class Ambassadors (CA). CA1 is chosen from the middle-level students and CA2 is chosen from the lower level according to their previous exam grades. So, every second and fourth Saturday we arrange a meeting with them and listen to their difficulties, demands, suggestions. This has helped a lot to understand the types of problems among students.

How has been the response of students and faculties towards SIC? Has anything notably changed or affected due to the presence of SIC?

75-80 percent of SIC members attend the meetings scheduled every 2nd and 4th Saturday. SIC members bring problems, complaints, queries of their classes to us. The Dean of Students Affairs hosts the meeting. The Director, and Dean Academics, join the meeting and resolve the problems. There have been tremendous changes that occurred due to the SIC meeting. HoDs have started interacting with students, they are asking CA's and CR's if they have any problem.

How is the response of the students and faculties towards the online guest lectures and webinars you have organized to date?

The response of students and faculties is very great to the lectures. We give publicity to every online lecture and webinar before 2-3 days and send gentle reminders on the day of activity. SIC members take a lead to spread the news. Students' responses are quite impressive, while faculty response is yet to improve.

Irrespective of the exams, on the occasion of 'National Mathematics Day' an online guest lecture was held, how was the response of the students towards it?

Engineering students are Math lovers. Whenever we organize a session on Maths there is always a full attendance and halls get overflowed in offline mode. The same thing happened on National Mathematics Day. Looking at the response we created several links as well as Youtube live streaming on that day. So all in all the response was overwhelming.

- Department of chemical engineering has signed MoU with ICT Mumbai, ICT Bhubaneshwar, and ICT Jalna, Bhavani fertilizers, Godavari Drugs Pvt. Ltd, Nanded, Nandigram Agrotech, Chakradhar Paints, Surat , SparkView Fine Chemicals, Raichur and other industries across India

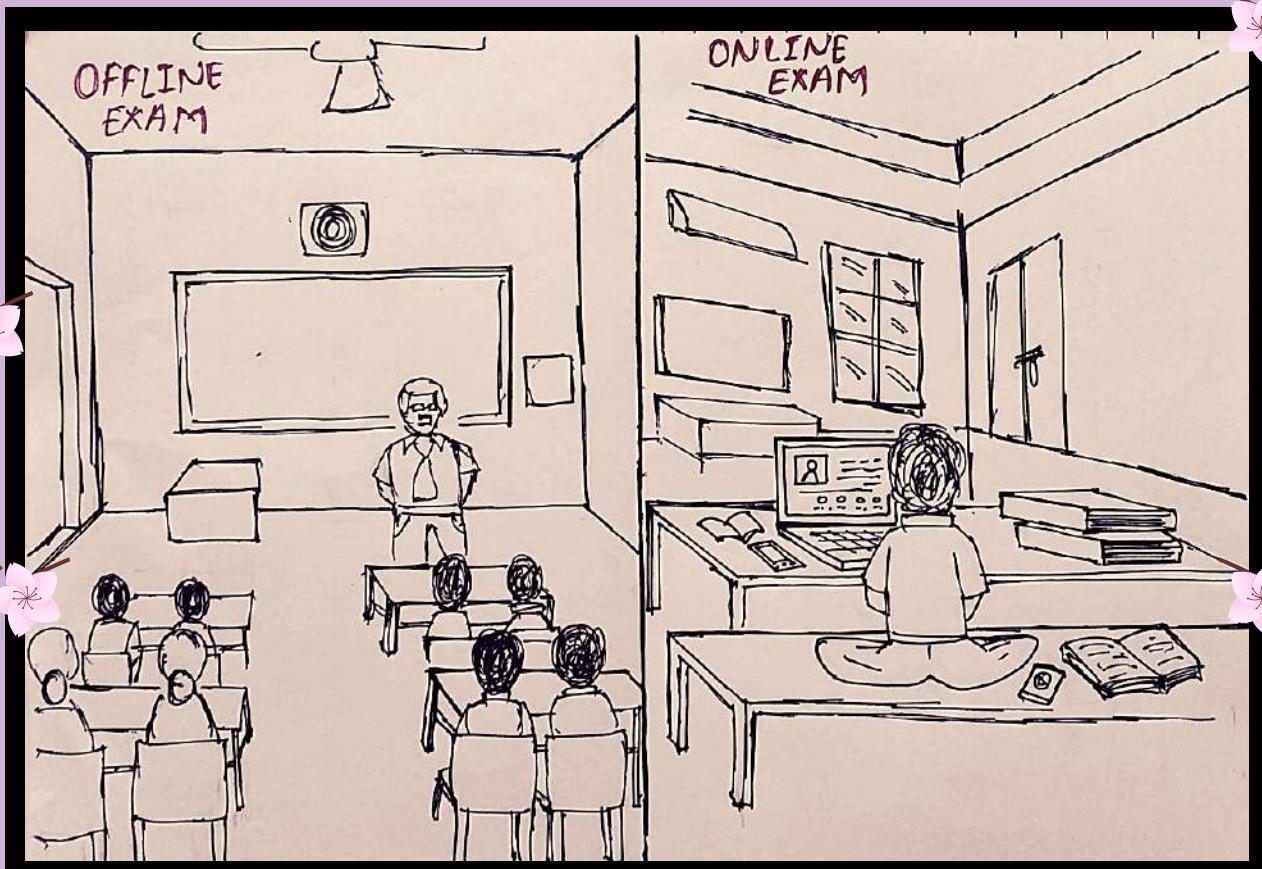
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How has this pandemic affected the teaching-learning process? What is the feedback/reaction of students and faculties? Have the grievances/problems of students and faculties increased? If yes, then what efforts are made to negate them?

The teaching-learning process is little affected due to the pandemic. The feedback of teachers, as well as students, is also not quite satisfactory. The online exams, quizzes are taken with proctoring. But still, there is a chance of malpractice, online submission of students' assignments is also an issue. Problems have certainly increased but every department has a grievance committee and they resolve the problems associated with the online teaching-learning of students.

What initiatives are planned or arranged by our institute to develop the soft skills of students?

We arrange various training programs under TEQIP-III as well as through institute funding on soft skills. On the department level also they organize courses on soft skills. We have constituted various clubs and chapters in our institute for the overall personality development of a student. These clubs have their action plan for the whole academic year. And they arrange various workshops, training programs on soft skills throughout the year.

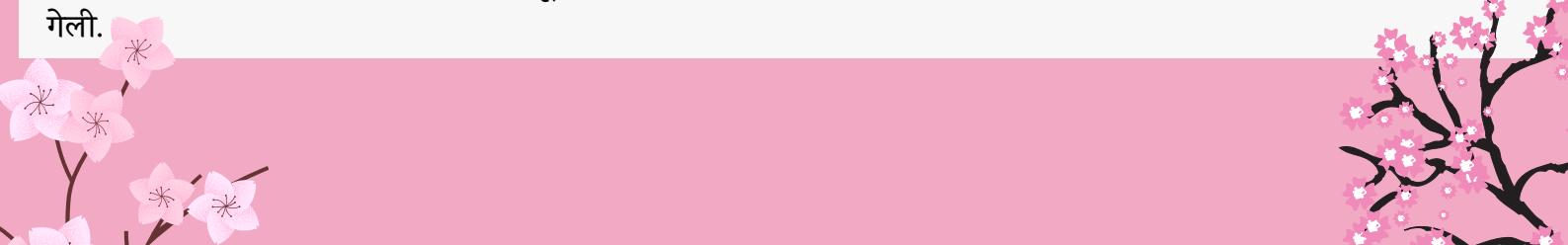


इतिहासाची झळक दर्शविणारे कथाकथन!

श्री गुरुगोबिंदसिंघजी अभियांत्रिकी व तंत्रशास्त्र शिक्षणसंस्था यांच्या विद्यामान व पाठिंब्याने १५ ऑगस्ट २०२० रोजी देशभक्तीपर कार्यक्रम आयोजित झाला. यामध्ये संस्थेतील 'गंदर्व ड्रामा' क्लब याद्वारे भारतीय स्वातंत्र्यलढ्यातील विविध लक्षवेधक घटनांना कथाकथनाद्वारे जिवंत रूप देखावा प्रयत्न करण्यात आला. यावर्षी covid-19 महामारीमुळे हा कार्यक्रम संस्थेचे सादर करता आला नाही. 'गंदर्व ड्रामा' क्लबने आतापर्यंत प्रतिमा आणि मेहनत यांच्या जोरावर विविध नाट्यस्पर्धामध्ये अप्रतिम सादरीकरण करून भरपूर यश संपादन केले आहे. अभियांत्रिकी संस्था असूनही सांस्कृतिक कार्यक्रमांना पाठिंबा मिळणे ही अतिशय आनंदाची बाब आहे. या कार्यक्रमामूळे संस्थेतील विद्यार्थ्यांमधील कलागुणांना वाव मिळाला. यावर्षी सततच्या Online दैनंदिन वेळापत्रकात एक बोधपर व भारतीय इतिहासातील सोनेरी क्षणांची पाने उलगडणारा माहितीपूर्ण कार्यक्रम म्हणून हा आयोजित केला होता. या कार्यक्रमात भारतीय स्वातंत्र्यलढ्यातील काही महत्वाच्या घटना त्यापैकी १८५७ चा उठाव, बंगालची फाळणी, खेडा सत्याग्रह, रौलट कायदा, जालियांवाला बाग हत्याकांड, असहकार चळवळ, -चौरी चौरा, सायमन कमिशन, दांडी यात्रा, INC ची स्थापना, सरदार वल्लभभाई पटेल यांची विचारधारा, इ. कल्पकरित्या, मांडण्यात आल्या. या कार्यक्रमाद्वारे विद्यार्थ्यांपुढे एक माहितीपूर्ण ब राष्ट्रप्रिय संकल्पना ठेवण्यात यावी हीच सदिच्छा होती. यात गौरव ठाकरे, सूज टोंपे, हरिश धुंडे, शारंग देशपांडे, सेजल कोठे, परिक्षित कापगते, प्रणव चोले, ओंकार पाटील, शिवानी सपकाळ, दर्शना काळे यांनी कथाकथनाद्वारे हा राष्ट्रभक्तीय सांधृतिक कार्यक्रम सादर केला, तसेच गणेश गाढे याने तांत्रिक मदत करून मोलाचे योगदान दिले. श्री गुरुगोबिंदसिंघजी अभियांत्रिकी व तंत्रशास्त्र शिक्षणसंस्था याच्या विद्यामान व पाठिंब्याने १५ ऑगस्ट २०२० रोजी देशभक्तीपर कार्यक्रम आयोजित झाला. यामध्ये संस्थेतील 'गंदर्व ड्रामा' क्लब याद्वारे भारतीय स्वातंत्र्यलढ्यातील विविध लक्षवेधक घटनांना कथाकथनाद्वारे जिरवेत सप देण्याचा प्रयत्न करण्यात आला. यावर्षी covid-19 महामारीमुळे हा कार्यक्रम संस्थेचे सादर करता आला नाही. गैंदु ड्रामा क्लबने आतापर्यंत प्रतिमा आणि मेहनत यांच्या जोरावर विविध नाट्यस्पर्धामध्ये अप्रतिम सादरीकरण करून भरपूर यश संपादन केले आहे. अभियांत्रिकी संख्या असूनही सांस्कृतिक कार्यक्रमांना पाठिंबा मिळणे ही अतिशय आनंदाची बाब आहे. या कार्यक्रमामूळे संस्थेतील विद्यार्थ्यांमधील कलागुणांना वाव मिळाला. यावर्षी सततच्या Online दैनंदिन वेळापत्रकात एक बोधपर व भारतीय इतिहासातील सोनेरी क्षणांची पाने उलगडणारा माहितीपूर्ण कार्यक्रम म्हणून हा आयोजित केला होता. या कार्यक्रमात भारतीय स्वातंत्र्यलढ्यातील काही महत्वाच्या घटना ज्यापैकी १८५७ चा उठाव, बंगालची फाळणी, खेडा सत्याग्रह, शैलट कायदा, जालियांवाला बाग हत्याकांड, असहकार चळवळ, -चौरी चौरा, सायमन कमिशन, दांडी यात्रा, पगव ची स्थापना, सरदार वल्लभभाई पटेल यांची विचारधारा, इ. कल्पकरित्या, मांडण्यात आल्या. या कार्यक्रमाद्वारे विद्यार्थ्यांपुढे एक माहितीपूर्ण ब राष्ट्रप्रिय संकल्पना ठेवण्यात यावी हीच सदिच्छा होती. यात गौरव ठाकरे, सूज टोंपे, हरिश धुंडे, शारंग देशपांडे, सेजल कोठे, परिक्षित कापगते, प्रणव चोले, ओंकार पाटील, शिवानी सपकाळ, दर्शना काळे यांनी कथाकथनाद्वारे हा राष्ट्रभक्तीपर सांस्कृतिक कार्यक्रम सादर केला, तसेच गणेश गाढे याने तांत्रिक मदत करून मोलाचे योगदान दिले.

एसजीजीएस' मध्ये स्वातंत्र्य दिनानिमित्त धान्यकीटचे वाटप

शहरातील विष्णुपूरी येथील गुरुगोबिंदसिंघजी अभियांत्रिकी महाविद्यालयाच्या वतिने स्वातंत्र्य दिनानिमित्त महाविद्यालयातील साफसफाई कामगार, सुरक्षा रक्षक तसेच गरजूवंत कामगारांना धान्याचे किट वाटप करण्यात आले. हा कार्यक्रम कॉलेजचे डायरेक्टर डॉ. यशवंत जोशी यांच्या प्रमुख उपस्थितीत संपन्न झाला. यावेळी कॉलेजमधील डॉ. आर.एस. हो लंबे, डॉ.अरुण कुमार पाटील, दमकोंडवार सर, गजानन मोरे यांची प्रमुख उपस्थिती होती. हा कार्यक्रम डॉ. अविनाश वांद्रे यांच्या मार्गदर्शनाखाली घेण्यात आला. कॉलेजमधील संकल्प टीमने वर्गणी जमा करून या कार्यक्रमासाठी धान्य कीट उलब्ध करून दिल्या. या टिममध्ये अंगद सिंघ सेना, प्रशांत गोवंदे, राजप्रीत सिंघ जागिरदार, मनीष ठकू खार, प्रशांत दुधमल आदिंचा समावेश आहे. कोरोना काळात अनेक गोरगरिबांना मदत व्हावी, या हे तूने हा कार्यक्रम घेण्यात आला. विद्यार्थ्यांनी परिश्रम घेवून आयोजित केलेल्या या उपक्रमाचे सर्वत्र कौतुक होत आहे. हा उपक्रम अन्य महाविद्यालयातील विद्यार्थ्यांनी राबविला तर अनेक गोरगरिब मजूर कामगारांना त्याचा लाभ होईल, अशी अपेक्षा या कार्यक्रमाच्या निमित्ताने व्यक्त केल्या गेली.





HODs DESK



1. What are the views of faculty regarding online teaching?

The classes are on regular basis because of the government's decision to conduct classes online and one good thing about this is that students can attend classes from their place of comfort (home or anywhere). The online method is good because students can gain knowledge whilst staying safe from COVID-19. It is great as students are easily able to use the notes provided by the professor and they have the lecture videos on hand. On the other hand, one problem with online teaching is that we cannot see the student's response, when the teacher asks a question only a few students answer it which is not great.

- Answered by Head, Dept. of Chemical Engg

2. What according to you are the pros and cons of online learning?

The online teaching mode which we are using nowadays has helped us in this pandemic situation. Thanks to technological developments; we have been able to interact by using the virtual world. However, we miss the personal ambiance, we use to experience in our regular classroom teaching.

- Answered by Head, Dept of Production Engg.

3. Has your department arranged some activities like webinars through the online mode?

Electrical department has arranged online webinars via urja talk series by alumni i.e Vishal undre, Sharad Wankhede and many more. Also took lectures as adjunct faculty.

- Answered by Head, Dept. of Electrical Engg.

4. What activities are you planning for the upcoming semester?

In the upcoming semester, we're planning to conduct expert lectures in different areas including computer vision, fatal recognition, artificial intelligence, VLSI, and some kind of online project competitions that things we're planning in upcoming semesters.

- Answered by Head, Dept. of EXTC Engg.

5. Is some research work being done in the department or any industrial collaboration?

Yes, there are 2 to 3 research that is collaborated with the university. Also, we have faculties who have done Ph.D. from IITs and they encourage students. There are so many projects sanctioned. Dr. Patre has given to many student industry projects from BRNS. It is the Board Research of Nuclear System i.e. Project from Bhabha atomic center.

- Answered by Head, Dept. of Instrumentation Engg.

6. What achievements has your department been garnered with ?

Academic-wise, 13 students have qualified in GATE 2020. Three students have already got admissions in IITs and 1 in the IIM. One student whose name is Divya Waghmare got admission to IIT Kharagpur. This is all because of the efforts of our faculty members and students. So, I don't hesitate to take credit for that. We are also working on projects of rupees 380 crores around the city. We already earned 2 crore rupees for the institute through consultancy and some more are yet to come. Our target is 600 crore by the end of March 2021. One more thing I would like to highlight here is that Prof. Dale has written a wonderful book on 'Operation Research'. It has been published by a very popular publisher. So, it is one of the best contributions from our department towards civil engineering. We have also incubated one start-up company. They have earned almost 4 lakhs in the last 7-8 months. So, I expect them on their foot in another 7-8 months are expecting a lot more thing from them. So, these are the good things initiated by the director of SGGS and our department.

- Answered by Head, Dept. of Civil Engg.

7. What are your views on hands-on training?

Hands-on training, yes, is a very important aspect of Engineering education, because without hands-on experience no engineering education is complete. Students need to acquire certain skills and only knowledge is not enough. In today's industry and society, you need to have certain skills and those skills will not develop unless you have hands-on experience. So, in that aspect particularly in engineering hands-on experience is very important it also makes the theoretical concepts very clear. The hands-on experience and theoretical knowledge go hand in hand and that is when engineering education will be (considered) successful. In our country, we are probably lacking in this aspect as compared to other countries and this is a major reason why India is not doing very well with engineering education.

- Answered by Head, Dept. of Textile Technology

8. How is Placement Drive?

Most of the UG and all of the PG students are working as interns for Project/Dissertation studies in industries. Most of the M. tech. (Mech-PLM) students are either placed on campus (TCS, HCL) or absorbed by the industries where they have carried out internships during their Second year studies (at Pune/Chennai/Bangalore, etc). Several UG students have either opted for higher studies or preparation for the higher studies.

- Answered by Head, Dept. of Mechanical Engg.

7. What message would you like to give to students of our college?

For my beloved students, I would like to say that just pick up good things and inspiration from whatever you come across because life belongs to those who are awake and conscious every time. Again some lines I would like to share, Don't ever forget these lines in your life.

डर मुझे भी लगा फांसला देख कर, पर मैं बढ़ता गया रास्ता देख कर, खुद ब खुद मेरे नज़दीक आती गई, मेरी मंज़िल मेरा हौसला देख कर .

- Answered by Head, Dept. of IT

Note : The best responses to the questions were selected by the students

Dean's Message, [Dean (Industry Liason and In-Charge TPO)]

Dr. Ravindra N. Joshi



What is the effect of the COVID-19 pandemic on the placement of our college?

COVID pandemic created better placement opportunities, but it is our view that how we look to the crisis period. For the last four months, it's an opportunity for software jobs but there is a problem for manufacturing industries so that reality we need to accept.

What difficulties did you face as Dean (Industry Liaison) and In-charge TPO, this year? (Considering that the interviews were online, etc.)

The online interview process is very swift, easy, cheap, and effortless. So far our institute, as conducted 19 to 20 placement drives and our operating expenses are zero except for our human resource salary and it is a very good thing. Even though next year companies will also go for the online mode but it has another dark side as we got the feedback from the industry, that the students are doing cheating and malpractices during the online interview process, which has affected the reputation of our institute.

The online process is very good compared to offline because we need not manage accommodation, food, and other things for the team coming from the industry

Why is the placement for CSE and EXTC branches better than the placement of Civil, Chemical, Production, and Textile branches?

According to national trends, circuit branches are CS, IT, Electrical, Electronics, and Instrumentation. For circuit branches what is required is aptitude, reasoning, communication skills, which are good in the students of circuit branches compared to the non-circuit branches.

The placement is challenging for non-circuit branches. Recently I've visited Aurangabad and Pune region looking for placement opportunities for non-circuit branches. I visited Mechanical, Electrical, and Textile companies. So, what they are saying is, software companies are having projects so they can conduct the placement in advance for the students. But in manufacturing, it is a continuous process and many of such industries have stopped their process due to the pandemic.

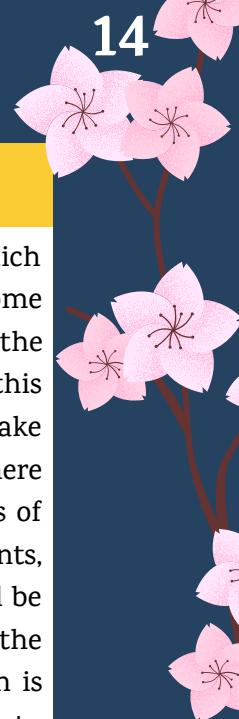
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Any tips or strategies for our students?

Now, those who are interested in the industry job, should come together and talk to their faculty about getting a good placement opportunity. Prepare a strategy, chalk out a plan, make a list of 20 companies, get their contact info and details. Ask your faculty to talk to them or come to the TPO. Unless we communicate our requirements, we won't get any outcome. So, if we do it in this way, definitely our placement will improve. (Sir has published a book named 'SGGS ICONS'. It is available for all the students in PDF as well as in paperback format. PDF has been shared on the official email IDs of all the students.)





Pragyaa'21

We have decided the Pragya theme for this year and this is "Spretno". Spretno is a slovenian word, which means "skillfull" and "artfull". This year's tagline is "it all starts with you", which means if you want some changes in the current conditions or want to make changes, so first you have to change yourself. From the current situation, we may not organize this year's Pragya in the Institute. So, we are planning to take this on online mode for this year. As a National level technical fiesta, students from our state used to take participate in this event. Due to this pandemic, it may affect in the participations of the students. There will be so many events in Pragya-2021 some of them are of coding, art related events for refreshments of student's minds. There will be department wise competitions like coding competitions for CSE students, CADWAR for civil students etc. If we get the chance to take events in institute in offline mode there will be fashion show and the events like robotics. We are trying to take events which can be done using the software. Although it is now Covid-19 and because of it, the situation of shopkeepers and businessmen is definitely deteriorating, but in case of decline or if their slowdown in business has to be brought back to normal. Our sponsorship committee is trying to figure out how to get their business to the maximum people. We are increasing the publicity of them on the online platform with the help of such platforms like google, Facebook and our websites. We get a positive response from them because the activities we are doing are making a big difference in their business.

Zenith'21

1. What are the plans of Zenith?

Plans as such are that every year this event is conducted in the offline mode, but due to Covid 19. this year we are conducting it in the online mode.

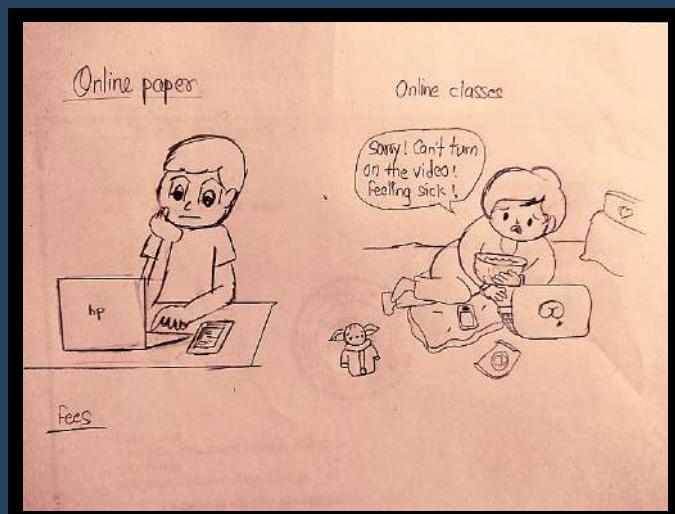
2. What are your plans for the online conduction of Zenith this year?

We have come up with a new idea for a virtual marathon and our team has been working on it. It's an ALL INDIA MARATHON, open for all not restricted to only engineering colleges and no registration fees would be charged from the participants. The winner would be awarded total prize money of 24k sanctioned by our college. Apart from the marathon, we have organized competitions like sports quiz, yoga competition, chess and challenges like skipping and pushups would also be included. We are prepared for both the online and offline mode.

UTSAV'21

How are you going to arrange this event, this year?

It'll be online. We are trying to use social media platform, for this web development is going on. We are searching for a platform for the main Utsav event so that arranging it will be easy for us.



RNXG



1, Did you participate in any virtual event this lockdown ?

Currently, we are working on the projects assigned by E-yantra. E-yantra is the biggest robotics competition arranged by IIT-Bombay. A total of nine teams of RNXG lab have participated in this competition. Among them, teams are working on a software project and one team is working on a hardware project. Hardware team members are working currently in the RNXG lab of our institute. Every team has cleared 3 rounds of E-yantra, and I am sure will surely add something to the glory of our institute.

Now we are working on an idea proposal round for the Robocon 2021. Let's hope for something Innovative and problem-solving idea.

2, Have you faced any problems while executing all the tasks?

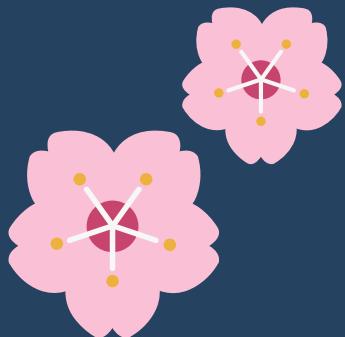
Yes we do face many problems especially in communication with each other. Robotics is all about tools and instruments, and due to lockdown access to the lab is not possible. Still, I believe we have done much better more efficiently and productively.

3, Do you have any plans for upcoming members of the RNXG team?

We as seniors sharing responsibilities with our juniors and assigning them good projects to execute efficiently

Team Sankalp

Team Sankalp is going to conduct major events like Youth Parliament and Faroth in the upcoming months of 2021. In social work, we have distributed the essential kits to 30 people including security workers, housekeeping, and working staff on 15th August 2020. We're further looking forward to helping our students from our institute as due to the situation of pandemic their livelihood has been lost so to make them financially stable we are helping them. So this is the social work we have done so far and also we are looking forward to giving our best for the social development and we will think on it and we are working on our agenda for making plans. So, the opportunity to learn so many things and to give them those opportunities, we team Sankalp will give our best to help them to achieve these things, to overcome their fears. So that they could perform well and great in their future career. That includes so many things like public speaking, presentation skills, e-mail writing etiquettes, business meeting etiquettes, and a lot of things.



Bhaskaracharya Mathematics Club

Due to the worldwide pandemic situation, the Bhascharacharya club was unable to conduct any activities in lockdown. This year, it arranged a lecture on 'Ramanujan and his remarkable formula on the number of proportions' by Mathematician and professor at IIT Mumbai, Sudhir Ghorpde, to celebrate Mathematics Day, 22 December, which is celebrated every year in the remembrance of great Mathematician Shreenivasan Ramanujan. There is going to be a lecture series for the preparation of GATE Mathematics and quiz competitions. Like every year, Bhascharacharya Mathematics learner assessment is going to be conducted for freshers and weekly lectures as well as doubt sessions for direct second-year students. This club is going to come up with some new ideas as well. The website is being developed for the club so that students can access study material for Mathematics and have information about the club's latest activity.

UPSC Chapter

1. What were the challenges faced by UPSC Chapter due to the online mode?

The lockdown had a great impact on all of us. Conduction of sessions in online mode was a challenge, we faced a lot of difficulties like poor network connectivity, group discussions which is a vital part of our daily sessions was also deeply affected. Apart from this, the preparation of aspirants has also been affected because of lack of required books and resources which they would have otherwise used from the UPSC Chapter's library, also the conduction of weekly prelims and mains examination had been affected, but we are working on bringing our schedule back on track.

2. What activities were arranged by the Chapter during the lockdown?

The Chapter had arranged two guest lectures: the 1st was felicitation and an interactive session with the MPSC rankers, in which Mr. Yogesh Chitte (IRS) who is also an alumnus of the UPSC Chapter guided the aspirants. The 2nd was a guest lecture arranged on the occasion of Teacher's day, Dr. Vivek Vijay (IIT Jodhpur) guided the students in the topic " The Purpose of Life - Mental Balance " and Justice J.K. Vyas (ex-Justice of Rajasthan High Court) delivered a lecture on "The Constitutional Remedies to Protect Fundamental Rights".

3. What has been the ratio of the selection of aspirants for UPSC and MPSC from the Chapter?

Numerous aspirants from the Chapter have been selected in the MPSC and UPSC examinations. This year, two of our alumni have been selected through UPSC :

1. Suresh Shinde (Electrical Engineering) from the batch of 2015 has been selected for the UPSC Civil Services . He has achieved an All India Rank of 574.
2. Akash Agale (Production Engineering) from the batch of 2014 has been selected for the UPSC Civil services and has achieved an All India Rank of 313.

Six of our alumni have been selected through MPSC in the civil services:

1. Pravin Dhanorkar (EXTC) from the batch of 2014 has been deputed to the post of Deputy Superintendent of Police (DSP)
2. Abhijeet Hazare (CSE) from the batch of 2014 has been deputed to the post of - Naib Tahasildar
3. Satish Kulkarni (IT) from the batch of 2014 has been deputed to the post of - Deputy Superintendent of Police (DSP)
4. Aditya Ajinath Shende (Electrical) from the batch of 2015 has been deputed to the post of Tahasildar.
5. N. Shubham Bahakar (Mechanical) from the batch of 2017 has been deputed to the post of Tahasildar
6. Srinivas Jambhale has been deputed to the post of Naib Tahasildar.

FSDC danced off to the finals of "impressions"

The event, 'Impression' was arranged by the College of Engineering Pune. They had organized a dance competition which was named 'Swag Desi'. Each team included 2 to 4 members. A total of 15 colleges participated in this event. Team fsdc had a group of 4 members. Team FSDC made a video of dance performance and merged it. As we all know, this was a virtual event. The COEP students played a video by sharing a screen on Youtube. Also, judges were connected with us online. At last, the group leader and judges had a conversation and chose a finalist.

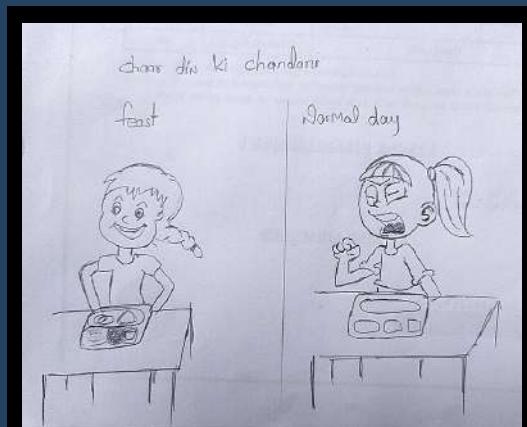
Voice Club

VOICE CLUB helps the students to build their character, competence and culture and thus bring out the best within them. Last year, due to worldwide lockdown, it was a challenge to arrange various programs but due to able guidance of Dr. Arun Patil Sir and support of Dr. Y. V. Joshi Sir, VOICE Club arranged many programs online. We got huge response from all students. Details of all these programs are mentioned in the table below.

Month	Events
April-May	Software Project Workshop certified by Kharagpur, Speaker: Mr. Abhilash Rudra, Quant Research @ J. P. Morgan /IT Mr. Akshaykumar Mantriwar, Soft. Eng @ TechPrimelab, Pune
June-July	Online internships for SGGS students certified by IIT Delhi (MATLAB Python) Mr. Prabhat Kumar, Soft. Eng. @ Google, Bangalore, B. Tech IIT Allahabad (Prayagraj) Mr. Priyesh Shukla, Soft. Eng. @ Barclays, B. Tech, IIT Dhanbad
August	"Mera Bharat Mahan" on the occasion of Independence Day by Mr. Anand Munshi, Motivational speaker and TEDx speaker. "Mind your Mind" (Practical tips Dr. P. Hari Krishnan, Asso. Prof. at NIT Warangal to control Mind) by Dr.P. Hari Krishnan, Asso. Prof. at NIT Warangal. Power of Habit by Mr. Anand Patil, Ex. Asso. Director of Cognizant Tech Sol. Educational Architect at KPIT.
September	"Smart study techniques" by Mr. Pranjal Singhai, B. Tech, IIT (ISM) Dhanbad and faculty at Allen "Art of harnessing the Mind Power" by Dr. Ajay Sankhe, Director, BV Hospital and Research Institute. "Curing the cancer of Mind "(In collaboration with IITB) by Dr. Himanshu Asnani, Ph.D. and M.S. Stanford.
October	Bring out the Best within you' (3 days symposium) by Amal M Das, Motivational Speaker. Online course on Machine learning with PySpark for Big Data, certified by IIT Kharagpur Live online sessions from Frankfurt Germany. Online Course on Microsoft Azure Cloud computing certified by IIT Kharagpur by Mr. Managobinda Sethi, Certified Cloud Specialist.
November	"Currency of Relationships (In Collaboration with IITB) by Himanshu Asnani, Ph. D and M.S. Stanford University. "8 qualities of effective leadership": by Dr. Saurabh Chaudhari, MBBS, MD in Radiodiagnosis and Imaging, Pune "How to perform at your Peak" by Mr. Anand Munshi, Motivational and TEDx speaker Online course certified by IIT Delhi for JAVA, Python Soft skill and Personality development workshop by Mr. Rupesh Wankhede, B.Tech, SGGS, Nanded.
December	"Pre placement training" by Mr. Pranjal Singhai, B.Tech, IIT (ISM) Dhanbad and faculty at Allen Online courses for MATLAB certified by IIT Delhi by Mr. Sagar Dhage, Soft. Eng. @TCS

चित्रक्ष Photography Club

Our sole aim is to advertise our college to more and more people around the country we all firmly believe that every student every parent every teacher, every sole should know how Grand is our college and what all facilities we have. Our following aim is to capture every moment beautifully and make it a memorable one.

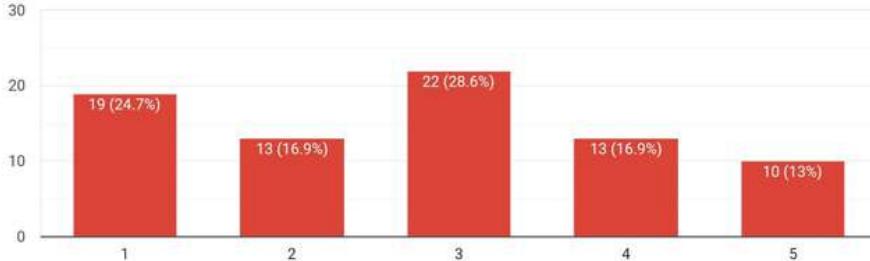


Student's Feedback Section

Team Drishti conducted an online survey asking the students to vote for the facilities provided by the college. Given below are the results of the same. Response of students are mentioned side by side too.

Rate the network connectivity in your Department

77 responses

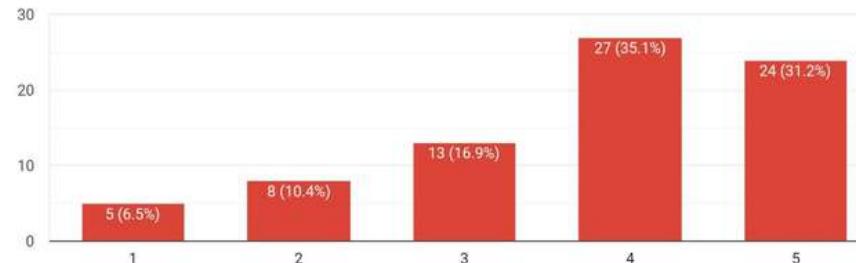


We can perform online practical but they are of no use as we cannot get much knowledge and it is somewhat like bookish thing.

Lectures were ok but we have issues regarding to our practicals. As comming from civil background practical is must and we don't have practical knowledge.

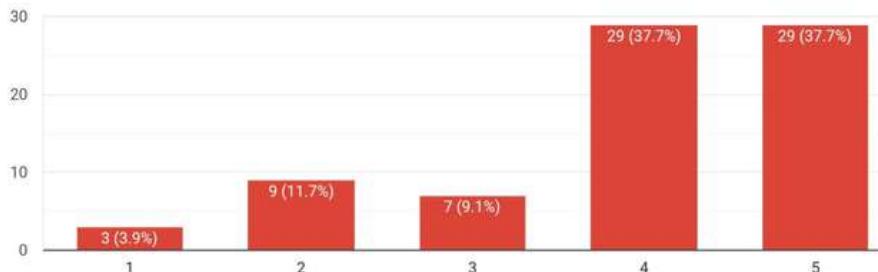
Rate the sports facilities in our college-

77 responses



Rate the drinking water quality in our campus

77 responses

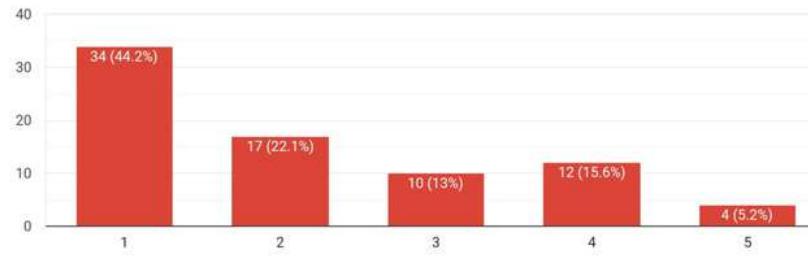


Experience was good. But during lecturer we are not able to understand concepts properly. Not able to experience practical things. And due more working on screen we had a headache.

Previous semester was very bad impacted my pointer because of online exams , mass cheating has been done by students which collapse the better scores of those who are good in their academics and are toppers in the era of offline exams. This disappointed me so painfully that some students who have backlog in offline semesters are now having good pointers and not the deserving.

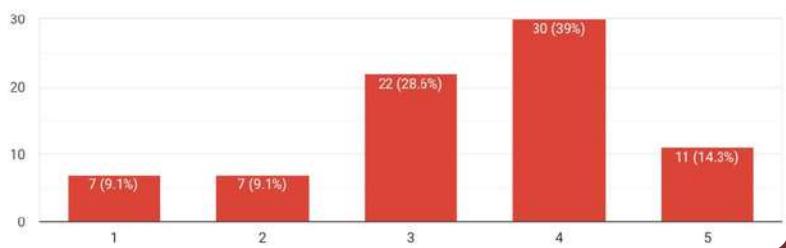
Rate the college WIFI !

77 responses



Your rating for College Gym -(In range of 1-5)

77 responses

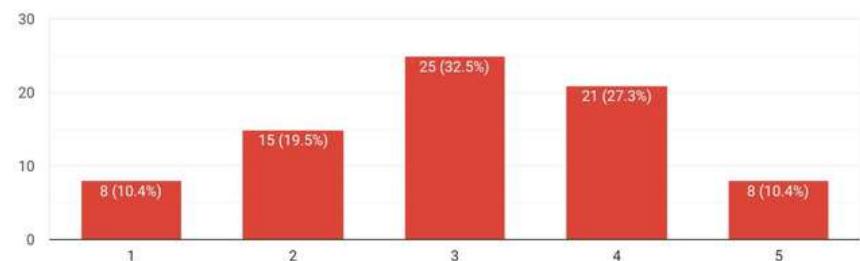


Each department should make the courses of each subject in online, basic and only course related theory lectures as like NPTEL

The fees of the college is high even in lockdown where people are struggling financially

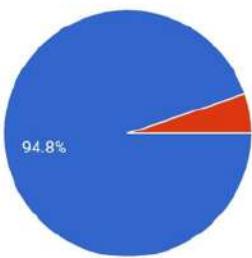
Rate the food of Hostel mees-

77 responses



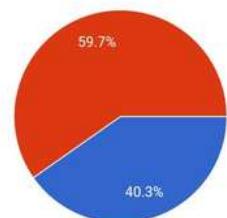
Have you visited College Library?

77 responses



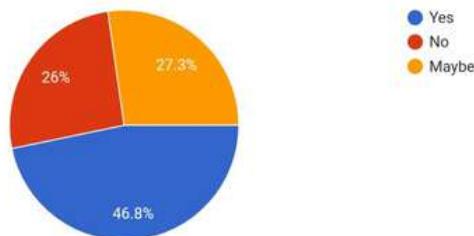
What do you prefer -

77 responses



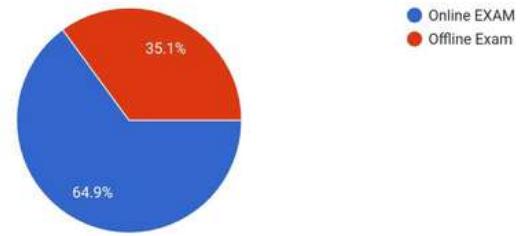
Were the issues faced by you in online exam/lecture resolved by the college?

77 responses



What do your prefer -

77 responses



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