



SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY
NANDED - 431606 [M.S] INDIA
(An Autonomous Institute of Govt. of Maharashtra)



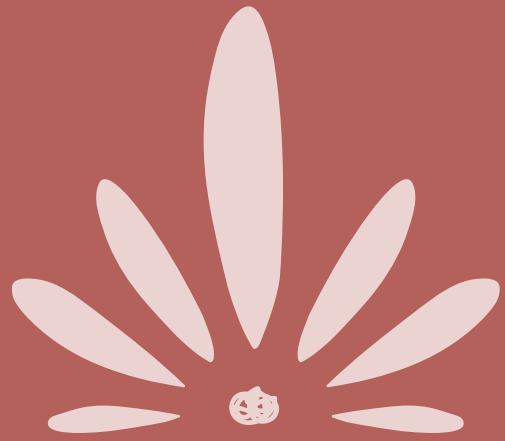
PURVARANG

The official newsletter of SGGSIE&T

Volume VII

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Purvarang is the official newsletter of SGGSIE&T, Nanded. It is published by a team of students. In this venture, all the aspects that are present in a newsletter are covered, right from academics to extracurriculars.

Purvarang has successfully published six editions and is on its way for more. Purvarang's aim is to deliver authentic and unbiased news to the masses, so as to keep them informed about the proceedings in the college.

Every year, 26th of January is observed as the Republic day of India. This day marks a prime event in India's history. It's a well-known fact that India attained freedom on 15th of August 1947, after several years of freedom struggle. However, India relied on the modified colonial Government of India Act 1935 due to the lack of a permanent constitution. With the responsibility to prepare the Draft constitution, Drafting Committee was formed under the deanship of Dr. B. R. Ambedkar. On 26th of November 1949, the constitution was adopted but it came into effect on 26th of January 1950. 26th of January was the chosen date. The reason being, that day was declared as "Purna Swaraj" day by Indian National Congress in 1930, suggesting India's independence from colonial rule.



This red-letter day is celebrated with great enthusiasm and zeal across the country. The R-day parade, being the main attraction of the day, showcases the country's military power, and tableaux beautifully represent the culture and heritage of different states. Martyred soldiers are honoured by the prime minister of India at the Amar jawan Jyoti, India gate. The event proceeds with a 21-gun salute, national flag hoisting, and national anthem. Later on, civilians and soldiers are honoured with awards like Paramvir Chakra, Ashok Chakra, and Vir Chakra for their acts of bravery.

The day truly marks the righteous spirit of independent INDIA.

JAI HIND !

Campus-darshan with Chitraksha!

Under the guidance of the First-Year Coordinator, Professor S. B. Dethé, Team Chitraksha made a virtual Campus tour. Due to the ongoing pandemic, many of the first years may not be able to get acquainted with our beautiful college campus for a while. For them, Team Chitraksha filmed and edited a 6-minute short campus tour which they presented on the induction Program for First Year on December 24, 2021.

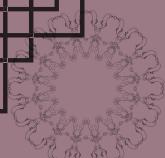
Another thoughtful endeavour that Chitraksha came up with was an informative video about all the Clubs and Events of our institute. Due to months and months of online mode of classes, many first years and second years don't know about all the clubs and events that are popular at SGGS, and how much fun they can be. Chitraksha started working on this event in late November. With the help of all club coordinator, they finally completed the video. The teaser was out on their official YouTube channel on December 25th, 2021. With the new beginning of a year, they decided to upload the video new on January 1, 2022



Definitely check out this apt guide for fun and good times at college –

<https://youtu.be/M66EKMyCTkw>





Chitraksha's Video for the NBA (National Board of Accreditation)

Under the guidance of our Director, Dr. Y. V. Joshi, Dean SA, Dr. Arun Patil, and Dean Finance, Prof. Mangesh Kokare, Team Chitraksha managed to make a video for the National Board of Accreditation. This video covered insights of EnTC, Instrumentation, and PRODUCTION Engineering.

This video was submitted to the officials on November 11, 2021. This video was also uploaded on the official Chitraksha YouTube channel on December 20, 2021.

Make sure to check it out if you haven't already!

<https://youtu.be/Cmb-aqngH-k>

'MESA's Interactive Webinar with a SGGS Alumni'

Team MESA arranged a session with one of our SGGS alumni – Mr. Nandkishor Wanje (ENTC dept. 2017 batch). He is a Senior Software Development Engineer at KPIT. He has three years of experience at TCS. This event was conducted on 12th December 2021. The topics covered were an introduction to the automotive industry, features of electric vehicles, ECU electronic information, an introduction to ADAS technology (Advanced driver-assistance system), and an introduction to aeronautics. The webinar ended with a helpful career guidance segment for students.

REPORT ON THE ACHIEVEMENTS OF SGGS IN INTER COLLEGE TOURNAMENT C ZONE - SRTMU NANDED



Our institute participated in the ICT-C zone matches of SRTMU Nanded and came out victorious in many sports. Here is a brief look into the event:

1. Volleyball Tournament:

The girls' team were the winners, while the Boys' team came runners up.



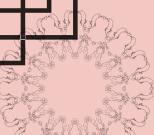
2. Table Tennis Tournament

The Boys' team won the First Prize, while the Girls' team was the runner-up.

3. Basket Ball

The girls' team were the Winners while the Boys' team were the runner-ups.

Notable Performances by Ayushi Sahare and Janhavi Mhatare in the women's team, whereas Prajwalsingh Khalsa and Shahbajkhan Pathan in the men's team made a huge impact.



4. Lawn Tennis tournament

The Boys team placed third while Mr. Angad Singh Sena (B.Tech., Mech. Engg.) got selected for IUT Camp.



5. Kabaddi tournament

The Girls' team was awarded first place, while two from the boys team were also selected for C-zone matches.



6. Yoga tournament

The boys' team was placed second.



7. Football team tournament

The boys' team won the tournament. This win is the third consecutive win, and each time, the opposition team was the same, i.e., Faizul Uloom Alias late Vasantrao Chavan college, Degloor Naka, Nanded. This match was won by 3-0 difference.





8. Selection Inter-University Tournaments (IUT) from SRTMU Nanded from WEST zone at all India level.

After observing the players' game and their star performance in the above tournaments, some of our students were selected to play directly at the national level from the WEST zone.

- 1. Neha Gunwant Pawar (*Kabbadi*)**
- 2. Neha Rajesh Bijay(*Kabaddi*)**
- 3. Shahabaj Pathan (*Basket ball*)**
- 4. Prajwal Singh (*Basket Ball*)**
- 5. Vedang Fate (*Football*)**



9. Selection in the training camp for Inter-University Tournaments (IUT) from SRTMU Nanded

Due to his spectacular performance, Mr. Angad Singh Sena was selected for a special coaching camp by SRTMU, Nanded, during 7-26 December 2021, with TA and DA paid by the university. He was trained for IUT matches and then sent to nationals from the west zone. Congratulations to everyone for their wins and participation in various tournaments and special selections, and Best wishes for their IUT matches.



10. SGGS in News:

एसजीजीएस, विधी महाविद्यालय विजयी खेळांडूंचा उत्स्फूर्त सहभाग; स्वामी रामानंद तीर्थ विद्यापीठ क्रीडा स्पर्धा

नांदेड, ता. २ (बातमीदार)
: स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ अंतर्गत आंतर महाविद्यालयान कबड्डी व बॉलीबॉल स्पर्धेत ग्रामीण व शहरी विभागातील युवा खेळांडूंनी उत्साहात सहभाग नोंदवला. बॉलीबॉल मुलींच्या गटात नारायणराव चव्हाण विधी महाविद्यालय तर कबड्डी मुलींच्या गटात श्री गुरुगोविंदसिंधेजी अभियांत्रिकी महाविद्यालयाने (एसजीजीएस) विजेतेपद पटकाविले.

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाच्या क्रीडा मैदानावर या स्पर्धेचे आयोजन करण्यात आले. बॉलीबॉल स्पर्धेचे आयोजन रेणुकादेवी महाविद्यालय माहूर यांच्या तरफे करण्यात आले. उद्घाटन प्रसंगी रेणुकादेवी संस्थाचे अध्यक्ष प्रफुल्ल राठोड, महाविद्यालय प्राचार्या संघ्याताई राठोड, विद्यापीठ

व्यवस्थापन परिषद सदस्य डॉ. दिपक बचेवर, क्रीडा संचालक डॉ. व्ही. आर. परिहार, एन. आय. एस. बॉलीबॉल प्रशिक्षक व क्रीडा मंडळ सदस्य डॉ. विक्रम कुंदूरवार, डॉ. बालाजी जाधव, डॉ. धर्मसिंह जाधव, डॉ. चरणजीतसिंह महाजन, डॉ. एस. दुगाळे, आर्द्दीची उपस्थिती होती.

पंच म्हणून कासीम खान, शेख खालेद, हजापुरे लक्ष्मण, राजू मूलकवार यांनी काम पाहिले. स्पर्धेत मुलांचे आठ व मुलींचे चार संघ सहभागी झाले. कबड्डी मुलींच्या गटात दिगंबर बिंदू कॉलेज भोकर संघाने उपविजेतेपद पटकाविले तर मुलांच्या गटात रेणुकादेवी महाविद्यालय माहूर संघाने विजेतेपद पटकाविले तर उपविजेतेपद बलीराम पाटील महाविद्यालय किंवडला मिळाले. बॉलीबॉल मुलींच्या गटात उपविजेतेपद बिंदू महाविद्यालय



नांदेड : आंतर महाविद्यालय कबड्डी स्पर्धेत विजयी एसजीजीएस संघास प्राचार्या संघ्याताई राठोड यांच्या हस्ते चषक देऊन गौरविण्यात आले.

भोकरने तर तिसरे स्थान संत गाडो महाराज महाविद्यालय लोहा संघास मिळाले.

कबड्डी सामन्यांचे पंच म्हणून डॉ. रमेश नांदेडकर, सव्यद अशफाक, गुण लेखक महमदा खान, डॉ. सीमा सवनीस, डॉ. बलीराम इंगोळे, डॉ. उदय चव्हाण, जी. आर. पवार, काशिनाथ बन, पी. एस. चव्हाण, शेख सोहेल

यांनी काम पाहिले. या स्पर्धेतील उत्कृष्ट खेळांडूंचे संघ निवडून त्यांना विभागीय स्पर्धेत खेळांड्याची संधी दिली जाणार आहे. निवड समिती संचालक डॉ. धर्मसिंह जाधव तर सदस्यपदी डॉ. उदय चव्हाण, डॉ. व्यंकट माने, डॉ. गणी, डॉ. छाया कोठे, डॉ. सीमा सवनीस यांची नियुक्ती विद्यापीठातर्फे करण्यात आली आहे.

Bhaskaracharya Mathematics Club

Date : 22nd December 2021

Shakuntala Devi once said, "What is mathematics? It is only a systematic effort of solving puzzles posed by nature." Be it a cook or a farmer, a carpenter or a mechanic, a shopkeeper or a doctor, an engineer or a scientist, a musician or a magician; everybody needs mathematics in their day-to-day life. Therefore, to raise awareness amongst people about the importance of mathematics, Mathematics Day was celebrated on the occasion of Shri. Srinivasa Ramanujan's birthday in SGGSIE&T, Nanded.



The members of the Bhaskaracharya Math Club had organized the program. Kicking off, Dr. A. R. Patil and the Club members welcomed the dignitaries and paid respects to the great mathematician Ramanujan. Director Dr. Y.V. Joshi, Dean Student Activities Dr. Arunkumar Patil, Dr. P. G. Jadhav, Prof. R. S. Holambe, Prof. R. P. Parvekar, and Dr. M. B. Kokare grace the event with their presence. All the guests spoke about Ramanujan and his contribution to Mathematics. They also brought to attention how Mathematics can be observed in everything. Kush Amrutkar hosted the program while Rushikesh Bhoskar spoke a few words about National Mathematics Day and Ramanujan. The event concluded with valuable words from the Director. Lastly, Dr. Arunkumar Patil gave the vote of thanks.

The Club had also arranged Maths Week from 16th to 22nd of December to increase knowledge and enthusiasm among the students. During this week, the Club came up with a question per day. The winners were announced on the Club's Instagram handle on the 22nd. Mr. Kushal Dayma bagged the first prize, while Mr. Devesh Gadhave and Mr. Rohit Patil secured second and third prizes, respectively.



AVAROH Music Club



MUSIC

A MORAL LAW

Avaroh, the official music club of SGGSIE&T, kick-started this year with the release of our instrumental version of the song - Believer. It proved to be the introductory performance of all the newly added members to the team.



Team Avaroh also organized a singing competition on the occasion of Independence Day under the name - SwarSangam. The competition received a great response with 47 entries for the Preliminary round. After the final round, the Top 3 singers were awarded cash prizes.

Recently, Team Avaroh conducted an Open House Meet on the 16th of January 2022 and released its first-ever - INTRODUCTION VIDEO. The Open House Meet received an overwhelming response and was followed by The Avaroh Auditions, an opportunity for all the music enthusiasts to become a part of The AVAROH Family. The audition process began with 57 entries, out of which 9 made it through. Apart from this, Team Avaroh has started a new routine on Instagram under the Banner – MUSICAL MONDAYS, wherein every member of The Avaroh Family expresses themselves by performing a solo musical piece every week. The new routine was well received by the audience and had over 16k views on its first two videos. Team Avaroh aims to continue this musical journey by arranging many more events, performances, and competitions in the near future. Team Avaroh believes in expressing themselves through music and vibe through melody, with their tagline being - "MUSIC UNITES".



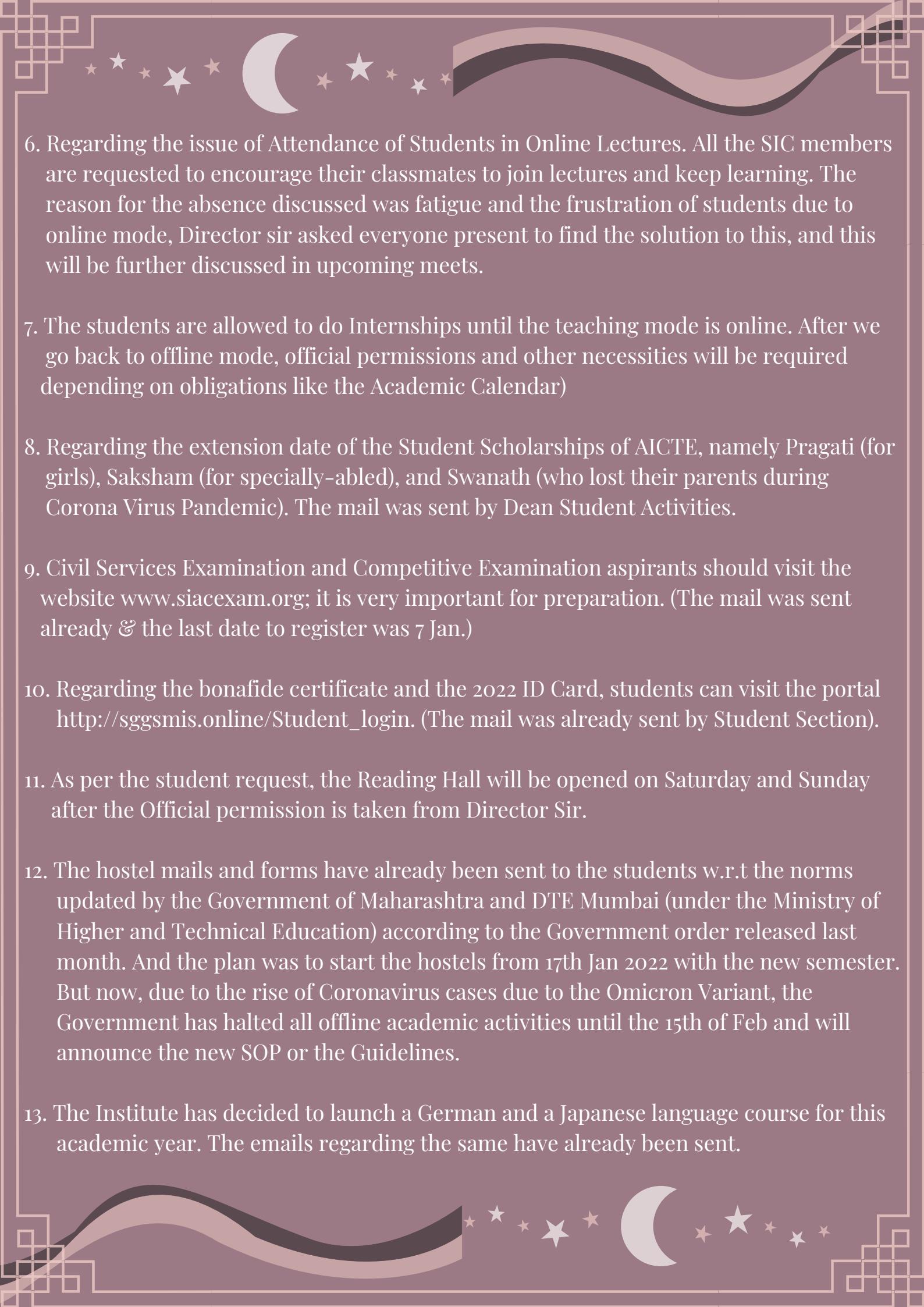
Overview of SIC Meets

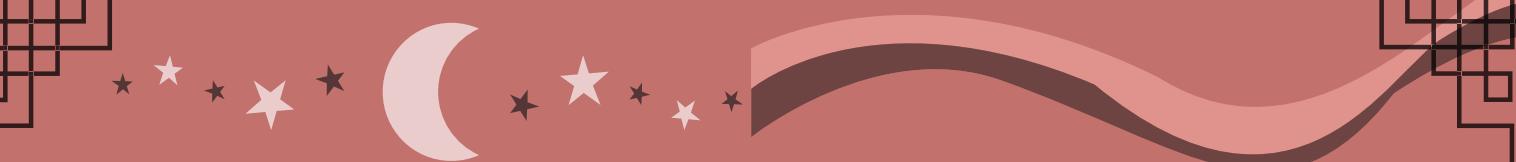
The SIC, or the Student Interface Committee, is a body constituting the Director, Dean (Student Activities), Professors, Club Representatives, and the CRs & CAs of every class. In the meetings held by the SIC, important college-related issues are discussed and conveyed to the authorities. This endeavour was initiated in the best interest of the students.

There have been two additional meetings since the last Purvarang issue. The first one was scheduled on 7th of December and the second one on 4th of January. All the SIC members were in attendance for both of them. The points discussed in these SIC meetings are given below:

1. The Honourable Director discussed the EGRC and its future decisions in order to keep the Examination Process Smooth and said that they would get easier for Faculty.
2. Dean Student Activities informed SIC members about the great achievements of SGGS students in ICT (Inter College Tournaments) in Table Tennis, Lawn Tennis, Kabbadi, Football, and Other Sports and wished them for the IUT.
3. Regarding the Placement of Core Branches of Final Year: The Training and Placement Cell was requested to keep the process transparent so that the students get to know the efforts taken and their future scope as observed most placement is from CSE and IT background students.
4. Mr.Yogesh Tabjula K from Final Year raised a point of having an Internal Grievance Committee inside the SIC, some points were discussed by Director Sir and Dean SA, and the point is kept under discussion.
5. The Charge for bus services has been finalized, i.e., 10,000 per year, and it will only be started if the response is satisfactory (for now, only 70 responses were collected, and the services cannot be started in this case).



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6. Regarding the issue of Attendance of Students in Online Lectures. All the SIC members are requested to encourage their classmates to join lectures and keep learning. The reason for the absence discussed was fatigue and the frustration of students due to online mode, Director sir asked everyone present to find the solution to this, and this will be further discussed in upcoming meets.
 7. The students are allowed to do Internships until the teaching mode is online. After we go back to offline mode, official permissions and other necessities will be required depending on obligations like the Academic Calendar)
 8. Regarding the extension date of the Student Scholarships of AICTE, namely Pragati (for girls), Saksham (for specially-abled), and Swanath (who lost their parents during Corona Virus Pandemic). The mail was sent by Dean Student Activities.
 9. Civil Services Examination and Competitive Examination aspirants should visit the website www.siaceexam.org; it is very important for preparation. (The mail was sent already & the last date to register was 7 Jan.)
 10. Regarding the bonafide certificate and the 2022 ID Card, students can visit the portal http://sggsmis.online/Student_login. (The mail was already sent by Student Section).
 11. As per the student request, the Reading Hall will be opened on Saturday and Sunday after the Official permission is taken from Director Sir.
 12. The hostel mails and forms have already been sent to the students w.r.t the norms updated by the Government of Maharashtra and DTE Mumbai (under the Ministry of Higher and Technical Education) according to the Government order released last month. And the plan was to start the hostels from 17th Jan 2022 with the new semester. But now, due to the rise of Coronavirus cases due to the Omicron Variant, the Government has halted all offline academic activities until the 15th of Feb and will announce the new SOP or the Guidelines.
 13. The Institute has decided to launch a German and a Japanese language course for this academic year. The emails regarding the same have already been sent.



14. The Industrial Robotics Centre (under Mechanical Dept.) is started. A new batch with its training started from the 4th of January 2022. (For now, only RNXG members are in the batch. For other students, a new batch will be formed soon.)
15. The mail regarding Fees and all concerning details was sent to the students. The fee has been reduced by nearly INR 16000. Kindly check the mail and pay the remaining fees by the 15th of February. Also, the option for a second installment has been added in the SBI Collect Payment Method.

16. Appreciation:

- 1.1. Gandharva Drama Club, Avaroh, and FSDC for outstanding performance in COEP impressions.
- 1.2. Team Chitraksha for a fantastic video on Clubs and Events.
- 1.3. The Voice Club for FY Introduction Program and Session.
- 1.4. The players who performed very well in ICT and those who qualified for IUT.

17. Suggestions:

- 1.1. The current examination pattern was suggested to be maintained, i.e., 50 ISE + 50 exams.
- 1.2. Practical and real-world activities/projects should be the foundation of ISE. Exams and copy-paste assignments should not be replaced by ISEs. Some must be put to use in actual evaluation. Manual writing should be phased out or kept to a minimum.
- 1.3. Emerging technologies should be given more attention than traditional techniques. Drafting work, for example, should be decreased and finally replaced by CAD.
- 1.4. Mid-term should be GATE-oriented MCQ type: $10 \times 2M + 10 \times 1M$ and a 1hr time slot.
- 1.5. Cheat sheets should be permitted at the conclusion of the semester to encourage improved note-taking. (Cheat sheet => A single A4 size paper prepared by student which constitutes all the formulas and important notes)
- 1.6. Technical Secretary selection criteria should be based on technical skills and knowledge, and the student body should shortlist a viable candidate. (All Club Coordinator will look into it).

Note: All the students are requested to regularly visit the Official Website of the Institute and check their emails regularly.





JAMES WEBB SPACE TELESCOPE

By-Shivam Diwate

Last year, Nasa, the European Space Agency and the Canadian Space Agency jointly launched the biggest space telescope of all time, the James Webb Space Telescope (JWST), on the 25th of December.

JWST's primary mirror has 18 hexagonal mirrors made of beryllium with gold plating on them and has a length of 3 times that of the Hubble telescope(6.5 m). It took more than 25 years to build this telescope and cost \$9.7 billion. It weighs 65000kg which is half of the Hubble telescope weight, although it has more and improved features than the Hubble telescope. It has a range of nearly 100 million light-years. Since it takes time to light for travel, it will be able to see things from back 100 million years ago.

It will provide improved infrared resolution and sensitivity over the Hubble telescope, which is currently the best one in the business. It is 100x more powerful than the Hubble telescope and has half the weight of the Hubble telescope. Because of that, it will take less fuel to launch the telescope to space. It will go more distance than the Hubble telescope because of new space rockets, and its built quality is improved than the Hubble telescope.

It was previously expected to reach point L₂(Lagrange point) on the 23rd of January, but now it will reach point L₂ on the 24th of January, which is 1.6 million km away from the earth's surface and will be the home of JWST for many years ahead.

We will be able to see the live telecast of engineers and scientists working on JWST on the 24th of January (on space.com).





Brought to you by, **Team PURVARANG**

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