

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes.

The two best practices presently institutionalized under IQAC are:

1. Implementation of Internship Policy:

Internship policy for the institute is framed in line with AICTE document. The link for the internship policy is given below.

<http://siesgst.edu.in/assets/pdf/Internship.pdf>

All the needed certificates for the same such as experience letter, permission letter, report, evaluation sheet is framed. Industries are contacted to offer internship to our students. The request mails are also forwarded to industry contacts for the same purpose. TCSiON internship is introduced to students. Total 16 students have shown willingness to register for internship programs. In view of pandemic situation, departments have organized student development programs for students. FE organized 3 student development programs titled Universal Human Values, Enhancing Professional Communication and Engineering Mathematics For GATE Examination. Mechanical department have organized three student development programs titled Industrial drawing and modeling in solid works, Modeling Robot Kinematics using Python Programming and Heat Transfer and Fluid Flow simulation Using Ansys Fluent. Computer Engineering department have organized five student development programs titled Ethical hacking and security, Data science with R, Advance HTML, Advance C and Blockchain technology. Electronics and Telecommunication department have organized three student development programs titled Machine learning and Image processing using Python, Real Time applications using C, C++, Java Programming and introduction to Arduino, IoT and interfacing using simulator software. IT department have organized two SDP titled skill development training and data mining and analytics. Students have successfully completed the SDPs.

The details of all these SDPs are provided through the link below.

<https://drive.google.com/drive/folders/1fRhFCFWwM5czIDNEsHCm66myGLSpzyUY?usp=sharing>

2. Nurturing critical thinking, innovation and scientific temper among students.

As per guideline setup by AICTE about startup policy implementation in the Higher Educational Institutes (HEIs). The SIESGST, Navi Mumbai working inline with AICTE_NISP/MHRD_IIC. The National Innovation and Start-up Policy 2019 proposes to guide HEIs to promote student driven innovations & start-ups and to engage the students and faculty in innovation and start up activities in campus.

CIIED: The Incubation center supports Incubatee to become an entrepreneur and helps them to excel for future capitalist. We work as a facility provider for Incubatee to get best Infrastructure, Intellectual Property Rights (IPR), Product Development, Mentoring and Technical support etc.



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<http://siesgst.edu.in/topbar/cijed.php>

The related documents are enclosed herewith.



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**South Indian Education Society's
GRADUATE SCHOOL OF TECHNOLOGY,
Navi Mumbai.**

Proposed Internship Policy

The Industry Institute Interaction Cell (IIIC) of SIES Graduate School of Technology, Nerul, Navi Mumbai supports students to undergo internship program during their winter/summer vacation. This is in-line with the AICTE Model Internship guidelines to organize internship program for B.E students at Industry/ Institute.

The internship program is offered to students with the following objectives:

- To expose Technical students to the industrial environment.
- To provide possible opportunities to learn, understand and sharpen the real time technical / managerial skills required at the job.
- To expose students the current technological developments relevant to the subject area of training.
- Learn to apply the Technical knowledge in real industrial situations.
- Gain experience in writing Technical reports/projects.
- Expose students to the engineer's responsibilities and ethics.
- Familiarize with various materials, processes, products and their applications along with relevant aspects of quality control.

Internship Duration and Academic Credentials:

The following framework is proposed to give academic credit for the internship undergone as part of the programme.

- A minimum of 14-20 credits of Internship/ Entrepreneurial activities / Project work/ Seminar and Inter/ Intra Institutional Training may be counted toward B. Tech. degree programme and 10-14 credits for three-year diploma programme.
- Here, 1 credit is equivalent to minimum 40-45 hours of work. Therefore, a full-time intern is expected to spend 40 - 45 hours per week on Internship, Training, Project work, Seminar activities etc.
- This will result in about 600 to 700 hours of total internship duration for B. Tech and 450-500 hours for diploma.
- Internships may be full-time or part-time; they are full-time in the summer vacation and part-time during the academic session. AICTE curriculum is flexible to adjust internship duration. Therefore, opportunities must be provided for experiences that cannot be anticipated when planning the course.

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- The institutes have the flexibility to schedule internship, Project work, Seminar etc. according to the availability of the opportunities. However, minimum requirement regarding Internship duration and credits is as follows:

The following are the benefits of Internship Program:

Benefits to the students:

- An opportunity to get hired by the Industry/ organization.
- Practical experience in an organizational setting.
- Excellent opportunity to see how the theoretical aspects learned in classes are integrated into the practical world. On-floor experience provides much more professional experience which is often worth more than classroom teaching.
- Helps them decide if the industry and the profession is the best career option to pursue.
- Opportunity to learn new skills and supplement knowledge.
- Opportunity to practice communication and teamwork skills.
- Opportunity to learn strategies like time management, multi-tasking etc in an industrial setup.
- Opportunity to meet new people and learn networking skills.

Benefits to Industry:

- Availability of ready to contribute candidates for employment.
- Year round source of highly motivated pre-professionals.
- Students bring new perspectives to problem solving.
- Visibility of the organization is increased on campus.
- Quality candidate's availability for temporary or seasonal positions and projects.
- Freedom for industrial staff to pursue more creative projects.
- Availability of flexible, cost-effective work force not requiring a long-term employer commitment.
- Proven, cost-effective way to recruit and evaluate potential employees.
- Enhancement of employer's image in the community by contributing to the educational enterprise.

Benefits to the Institute:

- Build industrial relations.
- Makes the placement process easier.
- Improve institutional credibility & branding.
- Helps in retention of the students.
- Curriculum revision can be made based on feedback from Industry/ students.
- Improvement in teaching learning process.



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Internship Guidelines:

The general procedure for arranging internship is given below:

Step 1: Request Letter/ Email from the office of Industry Institute Interaction Cell of the college should go to industry to allot various slots of 4-6 weeks during summer vacation as internship periods for the students. Students request letter/profile/ interest areas may be submitted to industries for their willingness for providing the training. (Sample attached)

Step 2: Industry will confirm the training slots and the number of seats allocated for internships via Confirmation Letter/ Email. In case the students arrange the training themselves the confirmation letter will be submitted by the students in the office of Industry Institute Interaction through concerned department. Based on the number of slots agreed to by the Industry, IIC will allocate the students to the Industry. In addition, the internship slots may be conveyed through Telephonic or Written Communication (by Fax, Email, etc.) by the IIC or other Faculty members who are particularly looking after the Final/Summer Internship of the students.

Step 3: Students on joining Training at the concerned Industry / Organization, submit the Joining Report/ Letters / Email.

Step 4: Students undergo industrial training at the concerned Industry / Organization. In-between Faculty Member(s) evaluate(s) the performance of students once/twice by visiting the Industry/Organization and Evaluation Report of the students is submitted in department office/IIC with the consent of Industry persons/ Trainers.

Step 5: Students will submit training report after completion of internship.

Step 6: Training Certificate to be obtained from industry.

Step 7: List of students who have completed their internship successfully will be issued by Industry Institute Interaction Cell.

Guidelines to Students:

Any absenteeism by students during their internship should be informed immediately to the mentor/reporting manager and the internal guide. No special considerations will be accepted. Students cannot take leave for college work or fest activities. The leave permission for any college related activities will be solely approved by the HOD. The monthly attendance format should be duly submitted to the internal guide by the intern.

Internal Reporting Guidelines:

Every intern should send weekly report to their internal guide without fail. It is mandatory for the intern to send weekly reports to their respective guide and alumni mentor on regular basis. Interns should have at least fortnightly verbal communication with the internal guide and alumni mentor without fail. In cases



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where in the company wants to secure their confidential information in the project / internship report, the internal guide should duly co-ordinate with the respective mentor/reporting manager on the method of reporting to assure that no information will be leaked outside and is purely for academic purposes. Non-compliance to above points will be strictly monitored by IIIC.



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Activity Report for the Year 2018-19

The Centre for Innovation Incubation & Entrepreneurship Development (CIED) has been set up at SIES GST with an aim to cater to inclusive development of startup ecosystem. The activities are classified into three major thrust areas namely Entrepreneurship Development, Product Development and Startup facilitation.

In the first phase, the CIED has undertaken several initiatives to connect the students, professionals, entrepreneurs and with communities who work for promotion of startups and budding entrepreneurs.

I. Establishment of Institute Innovation Council (I²C)

To further facilitate the Entrepreneurship related activities, the Institute Innovation Council (I²C) has been set up at SIES GST (03/12/2018) as per MHRD Guidelines.

Objectives of Institute Innovation Council:

Ministry of Human Resource Development, Govt. of India has established an 'Innovation cell' with a purpose of systematically fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country. MHRD's Innovation Cell (MIC) is undertaking multiple major initiatives like formation of Institution's Innovation Council (IIC) in more than 1000 Higher Educational Institutions, Smart India Hackathon (SIH) 2019, currently implementing programs such as Atal Ranking of Institutions on Innovation Achievements (ARIIA).

Major focus of IIC

- To create a vibrant local innovation ecosystem.
- Start-up supporting Mechanism in HEIs.
- Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework.
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- Develop better Cognitive Ability for Technology Students.

Functions of IICs

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

To fulfill the objectives of Innovation cell mentioned above, several activities were planned and conducted successfully in the institute from Jan' 19 to April' 19 as per the MIC guidelines.

The details have been summarized below. The webinars from experts have given an exposure to the students on various facets of getting into entrepreneurship, protecting one's ideas, understanding the market needs and most important, being a good leader and a team player.

The list of Activities conducted in SIESGST as per MHRD – Innovation Council Guideline (First Half 2019):

S N	TYPE	Title	Description	Start Date	End Date	Response	Report	Feedback
1	Leadership Talk	India First Leadership Talk by Shri. Anand Mahindra, Chairman, Mahindra Group	MHRD Innovation Cell (MIC) live session on "India First Leadership Talk Series" as per IIC calendar on 8th January 2019. Shri. Anand Mahindra, Chairman, Mahindra Group was the speaker for this session. Questions from students all across the country was taken and answered by Shri. Anand Mahindra.	08-01- 2019	08-01- 2019	Accepted	Added	Added
2	Workshop	Workshop on IPR for Students and Faculty Members	Facebook Live session by MHRD Innovation Cell for Workshop on "IPR for Students and Faculty Members" Date: 10th January, 2019 by Prof. Shwetashree Mujumdar Time: 1:30 PM to 3:30 PM	10-01- 2019	10-01- 2019	Accepted	Added	Added
3	Workshop	Offline workshop on IPR for Students and Faculty	Offline session by Local expert invited by Institute for Workshop on "IPR for Students and Faculty Members" Date: 23 January 2019 was delivered by Dr. Vikram Patil , Principal, SIESGST.	11-01- 2019	24-01- 2019	Accepted	Added	Added

		Members						
4	Leadership Talk	Episode 02 of India First Leadership Talk with Dr. Anand Deshpande, CMD, Persistent Systems Ltd.	Episode 02 of "India First Leadership Talk Series" with Dr. Anand Deshpande, Founder, Chairman & Managing Director Persistent Systems Ltd. on theme "Planning for Career, Future industry trends and Startup".	24-01-2019	24-01-2019	Accepted	Added	Added
5	Competition	Idea Competition	Innovative Ideas were invited from students by our Institution from various departments to solve the problems related to at least two/all of following themes- 1.Agriculture & Rural development 2.Health Care 3.Energy 4. Environment 5. Others	15-02-2019	31-03-2019	Accepted	<u>Edit Report</u>	Added
6	Leadership Talk	Episode 03 of India First Leadership Talk with Dr. AjitDoval, NSA, Govt. of india	MHRD Innovation Cell (MIC) is organised "India First Leadership Talk Series" on 19th March 2019 with Shri. Ajit Doval ji, National Security Advisor, Govt. of India.	21-02-2019	01-04-2019	Accepted	Added	Added

II. Smart India Hackthon (SIH) 2019 - National Level hackathon Event by MHRD

The students were encouraged to participate in the SIH 2019 competition which saw an over whelming response and 46 teams participated across all branches (IT, CE ,MECH and EXTC). Total 5 teams got shortlisted and made to the final round-four in software edition and **one** group was selected in **hardware** edition. Two teams brought laurels to the Institute by securing first position and receiving special recognition by the ministry of aviation. **One group is selected in Hardware edition for pre final round.** They are working on making a prototype, which will be assessed by the committee through the video of the working prototype which will be also be available on youtube .

Following FOUR teams were selected for Smart India Hackathon 2019 Software Edition:

Sr. no	Name	Project title	Branch	Faculty Coordinator	venue
1	SwarikaBhosale(Team leader) <ul style="list-style-type: none"> • Apurva Mhatre(CE) • Akash Nair(CE) • Rushikesh(IT) • Aditya Loke(CE) • AjunNair(CE) 	Web Portal for Articrafts (software edition)	Computer	Prof.Priyanka Sherkhane	Kumaraguru College of Technology,Coimbatore,Tamil Nadu

2	<p>Harish B(CE) (Team leader)</p> <ul style="list-style-type: none"> • Kamleshwar(CE) • Aditya Kulkarni(CE) • Rashmitha(EXTC) • Apurva(EXTC) • Nivedita(EXTC) 	Automated Slot Allocation System (software edition)	Computer	Mr.ShatavarthCheruvu(Alumni)	Sathyabama Institute of Science and Technology (Deemed to be University), Kanchipuram, Tamil Nadu
3	<p>Chinmay Chandak(CE)(Team leader)</p> <ol style="list-style-type: none"> 1) Arvindraj T(CE) 2) JhanviDubule(CE) 3) Chetan Ade(CE) 4) Saijayanth(CE) 5) Sonal K(CE) 	Virtual Visits to ICU (software edition)	Computer	Prof.Priyanka Sherkhane	Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu
4	<p>Kavya Nathan(IT)(Team leader)</p> <ol style="list-style-type: none"> 1) Akshara Koul(IT) 2) Maithili Pathak(CE) 3) SonaliArcot(IT) 4) Ashwin Nair(IT) 5) Altaf Ali(IT) 	Healthcare Alerts application for a region (software edition)	IT	Dr.Vijay Katkar	National Institute of Technology Calicut,Kerala

III. Other Initiatives undertaken by CIED

- Branch wise potential final year projects for Patentable and Good Journal Publications were identified. Special mentoring sessions by patent experts was arranged for these project students along with their project guides. The workshop covered the basics of Intellectual property rights (IPR) inclusive of Patent Copyright Trademark. This was organized on February 22, 2019 (3 Hours) by Speakers: Ms. Pooja Menon, COO, MYCrave Consultancy & Services, Gujarat.

To initiate the patenting activity at the Institute faculty members were informed to take up certification courses / programs from recognized patenting bodies like World Intellectual Property Organization (WIPO) and National Programme on Technology Enhanced Learning (NPTEL). The following faculty members have taken up these courses out of which some are completed while for others the results are awaited. The faculty members were enrolled and appeared for the final exam the certification program by NPTEL (31/03/2019)

Sr No	Organizing Authority	Course Name	Name of the Faculty Members	Status
1.	WIPO	Distance Learning Course: Introduction to the Patent Cooperation Treaty	Dr. Rupendra Nehete, Dr. Kaustubh Chavan, Dr. Vikram Patil	Completed
2		General Course on Intellectual Property [DL101E18S4]	Dr. Rupendra Nehete, Dr. Kaustubh Chavan, Dr. Vikram Patil, Dr. Pardip Patil, Prof. Vijaya Patil	Completed
3	NPTEL	Patent Drafting For Beginners	Dr. Vijay Katkar, Dr. Pradip P Patil, Prof. Vijaya P Patil, Prof. Sunil K Punjabi, Dr. Vikram Shripati Patil, Prof. Suvarna Chaure, Dr. Rizwana Umair Ahmed Siddiqui, Prof. Prashant Lota Ahire, Prof. Vaishali Bhujade	Appeared for the final exam
4		Roadmap For Patent Creation	Prof. Vaishali Amol Mangrulkar, Prof. Pranavi Mhatre, Prof. Joshi Pratibha Tushar, Prof. Madhuri Nita Patil	Completed
5		Patent Law For Engineers & Scientists	Dr. Vijay Katkar	Appeared for the final exam

Potential Patentable Final Year Projects Department wise for Year 2018-19

Department of Electronics and Telecommunication Engineering (EXTC)

Sr No	Students Names	Supervisor Name	Project Title	Research/ Innovation/ General	In-house / Company / Sponsored
1	Pandian Sarvana, Karthik Konar, Kalpalathika R., Kumaran P.	Prof. Preeti	Next Generation BOT	Innovation	In-house EXTC+C E
2	Saurabh Jadhav, Pandurang Mane, Aditi Shivkar, Sayali Rathod	Prof. Shishir	RF Components Design Using Microstrip Configurations.	Research	In-house
3	Aaron Rajkumar, Ram Prashant, Suresh Kannan, Manikandan Velar	Prof. Prashant Ahire	Smart Luggage Carrier	Innovation	In-house
4	Abdullah Dawoodbhoy, Ammar Ansari, Gautaman Kamaraj, Vedant Ojha	Prof. Pushkar	Library Automation Using IOT	Research	In-house

Department of Mechanical Engineering (MECH)

1	Kautuk Thakur, Aditya Surve, Vignesh Subramanian, Venkatesh Thever	Dr. Rupendra Nehete	Development Of Solar Powered Refrigeration Unit For Medical Preservation In Rural Area	Innovation	In-house
2	Rohit Desai, Prasad Kokitkar, Bhaskar Mudaliyar, Nitin Puthran	Prof. Siddique Ahmed	Atmospheric Water Generator Using Peltier Effect	Research	In-house
3	Nambirajan Yadav, Arvind Udaiyar, Martinraj Nadar	Prof. Prashant Ambadekar	Optimization Of Plunging Action Of CV Joint	Innovation	In-house
4	Monicraj Nadar, Santosh Pillai, Ruthran Mudaliyar	Prof. Prashant Ambadekar	Optimization Of Turning Radius Of ATV	Innovation	In-house
5	Kunal Dilip Chavan, Ganesh	Prof. Rutuja Tande	Hybrid Drone For Multi-Purpose	Innovation	In-house

	Nadar, Mohd Mudassir, Vineet Nair		Application		
6	Sudarshan Kanakaraj, Pillai Murugesan Palanivel, Nipun Nayak, Darshan Sharma	Dr. Kaustubh Chavan	Pyrolysis Using Solar Concentrator	Innovation	In-house

Department of Computer Engineering (CE)

1	Mohit Routela, Aditya Krishnan Omkar Prabhu, Aditya Kulkarni	Ms. Kranti Bade	Early Detection of Diabetic Retinopathy of classification into stages	Research	In-house
2	Arun Nair, ShettiarChithra Shweta Singh	Ms. Suvarna Chaure	Blockchain implications for the Payroll Tax	Research	In-house
3	Kalpalathika, Kumaran	Ms. Kalyani Pampattiwar	Next Generation Bot	Innovation	In-house
4	Pritam Negi, Aditya Nair, Uday Nair	Ms. Prachi Shahane	Detection of diseases on Chest X-rays using Deep Learning	Research	In-house

Potential Good Publishable Final Year Projects Department wise for Year 2018-19

Department of Electronics And Telecommunication Engineering					
Sr No	Students Names	Supervisor Name	Project Title	Research/ Innovation/ General	In-house / Company / Sponsored
1.	Yatheesh Amin, Aniket Bhat, Sahaj Shukla, SrinidhiSiddhanti	Prof. Vivek R and Prof. Sumitra Iyer	Autonomus Car	Innovation	In-house
2.	Sandeep Mathivanan, JitenKunder, Chaitanya DR, Preeti Srinivasan	Prof. Shishir	Reconfigurable antenna using periodic structure	Research	In-house
3.	Nivedita Deshpande, Apurva Karandikar, Aditi Kulkarni, Seema Lingayat	Prof. Vishal	IOT based Smart Fitness Tracking System for GYM	Innovation	In-house
4.	Vikram Parmar, Aman Rajput, Sudipto Deb, Abhirup Dasgupta	Prof. Kintu	Prosthetic ARM Using EMG	Research	In-house
Department of Information Technology (IT)					
1.	Nikhil Kolangara, Sharan Iyer, Chinmay Kemkar, AvinashKharatmol	Dr. Vijay Katkar	Placement Prediction System	General	In-house
2.	Madhugandha Chavan, MehweeshBondre, Nikhil Ambati, Mandar Kotnis	Ms. Stuti Ahuja	Abnormality detection & localization in chest X-rays using convolutional Neural Networks	Research	In-house
3.	Khushaboo Singh, Suraj Patil, Aiswarya Nair	Ms. Varsha Mali	Music Suggestion based on Mood using Machine Learning	General	In-house
4.	AbinayaRajan, AakanshaDijendra, Sonia Koneti, Sindhuja Iyengar	Ms. Saritha L.R.	Flight delay prediction using deep Learning	General	In-house
5.	HemalathaKallar, Padmavati	Ms. Savita	Personality prediction with CV Analysis	General	In-house

	Vaidyanathan, Petchipriya Thirumalainambi, SornamukhiSudaroli	Lohiya			
6.	Venkatesh Rathnam, Prasanna Somoshi, Shobhit Tiwari, mohammed anis	Ms. Bushra Shaikh	Ellipses Health Companion	General	Out-house
7.	Nikhita Nair, Puneeta Palani, Khyatie Shah, Sameer S.	Ms. Stuti Ahuja	Attendance Monitoring System using Face Recognition	General	In-house
8.	Hrishikesh Gori, Siddheshkarandikar, Aniket H. Chavan, RutujaHirave	Dr. Vijay Katkar	Secure multiterran bot for military application	Research	In-house
9.	Husain Tambe, Niranjan Tembe, Rashmi Deokate	Ms. Leena Ladge	Musium Assistant	General	In-house
10	Manasi Santosh Borhade, Mamta Ramchandra Jukanthi, Amruta Mohan Khare, Nimisha NavinPoojari	Ms. Savita Lohiya	Mess food wastage saver	General	In-house
11	Saurabh Mulik, Swapnesh Naik, Tanmay Amin. Anvesh Gawde	Ms.MrinalKhads e	Blockchain and Cryptocurrency Analysis	General	Out-house
12	Meenakshi Iyer, Poonam Chopade, Priya Mishra. PradnyaShelage	Ms.SeemaRedek ar	Personalize tour Recommendation system	General	In-house
13	Anuram Nadar, Chethap Nadar, Ruchirapatane. Vishal Dubey	Ms.MrinalKhads e	Medical Data Access and Permission Management using Blockchain.	General	In-house
14	Mukesh Choudary, Abhijeet Iyer, Ganesh Iyer, Shreyas Mudaliar	Ms. Leena Ladge	Speech Recognition for Voice command	General	In-house
Department of Mechanical Engineering (MECH)					
1	Srijayanth Iyer, Abhishek Gunjal, Ashutosh Joshi, Akshay Iyer	Prof. Lokpriya Gaikwad	Development Of Artificial Intellegent Machine For Crop Yield Improvement	General	In-house

2	Manish Dubey, Vedant Haldekar, Sourabh Kakade, Arney Raut	Prof. Vijaya Chame	Design And Analysis Of Tray Dryer For Bakery Product	General	Metallums Indai Pvt Ltd.
4	Dhilibanraj Selvaraj, Rajendran Nambi, Varun Ganesh, Sohail Shaikh	Prof. Mohd. Ali Ansari	Application Of Vr Technique For Assembly Of Distributor Valve Of Railway Braking System	General	Indian Railway, Matunga
5	Vipra Bhand, Shivani Bobade, Anam Sernobat, Srushti Shinde	Dr. Rupendra Nehete	Design Of Furnace For Split Hopkinson Pressur Bar	Research	BARC, Anushakti Nagar
6	Deepak Venna, Gaurang Vibhandik, Muzammil Wangde, Kinnari Bombe	Dr. Pradip Patil	Vibration Control Of Equipment Using Isolation	General	In-house
7	Aniket Dhamale, Eashwar Iyer Nandhagopal Pillai, Lavitesh Poojari	Prof. Ganesh kadam	Design Of Packaging Machine	General	Metallums Indai Pvt Ltd.
8	Kathiresan Gounder, Venkatesh Thever Pushparaj Gounder, Kartik Mudaliar	Prof. Onkar Potadar	Design And Manufacturing Of Drainage Cleaning Machine For Domestic Purpose	General	In-house
9	Somnath Murugan, Ajay Kumar, Rishabh Nagarajan, Harish Maharajan	Prof. Chandan Chaudhari	Design And Analysis Of Horizontal Pressure Vessel For Lpg Using Cae	General	Vishvakar ma Enterprise s, Koperhair ane
10	Arvind Ambekat, Asiya Tamankar Rohith Madhavan, Ajith Ramakrishnan	Prof. Ajay Hundiwale	Design And Analysis Of Horizontal Impact Tester (Only On Software)	Research	BARC, Anushakti Nagar
11	Viklar Mohamed Khaja Mohideen,	Prof. Prajakta	Improvement Of Performance Characteristics		Indian

	Shiv Shekar Raghavan, Ken Claude George, Ashadullah Shaikh	kane	Of Waste Cooking Oil Biodiesel Blends With Diesel Fuel And Turmeric Leaf Oil As An Additive	Research	Biodiesel Corporation, Baramati
12	Jangam Tushar Vishwanath, Poojari Jaydeep Krishna, Mistry Raj Shailesh, Rajkumar Raphel	Prof. Swapnil Firke	Failure Analysis Of Suspension Spring Used In Fiat Bogie Of Indian Railway	Innovation	Indian Railway, Matunga
13	Akshay M Achari, Gopal.R.Iyer, Akash R Menon, Ashwin Nair	Prof. Sagar Kadu	Design And Manufacturing Of Conveyorised Infrared Oven	Innovation	Kerone, Ambarnath MIDC
14	Omkar Bhatuse, Suraj Birajdar, Siddhesh Chavan, Dhiraj Gulve	Prof. Ganesh Kadam	Analysis Of Economic Aspect Of Forged Components	General	Hinsusthan Forging.
15	Dharmaraj Ayyapan, Kartikeya Hegde, Anish Sohoni, Rucha Jakka, Rohit Basutkar, Anas Chaugle	Prof. Pradip Patil	Predictive Analysis Using Torsional Vibration	Research	Company
16	Santosh Chettiar, Nadar Shivkumar Ponraj, Chandan Siddhant, Hariharan	Dr. Kaustubh Chavhan	To Study The Performance and Evaluation Of Emission Parameter Of Ci Engine Operated With Chicken Fat Oil Ethanol And Diesel Fuel	Research	Indian Biodiesel Corporation, Baramati
Department of Computer Engineering (CE)					
1	Karthikeyan, Krishna Shenvi, Pradyumna Bapat	Ms. Anindita Khade	Air and Noise pollution Detection using IOT	General	In-house

2	Harshita Shetty, Shrinidhi Shetty, Jasmine Shukla	Ms. Aparna Bannore	Use of Honeypots to secure IoT Networks	General	In-house
3	ChettiarSudharshan, Vedadnya Jadhav Harish, Poduval Siddharth	Vaishali Bhujade	Medical Assistance using Artificial Intelligence.	General	In-House
4	Abhinandan Gupta, Rahul Ghorpade Varsha Venkatachalam, Vidhya Sukumaran	Ms. Prachi Shahane	Water Quality Check System using arduino	General	In-House
5	Vipul Singh, Yash Chourasia TanayaBadve, Samiksha Jadhav	Prof Rajesh Kadu	Improving Social Networking Platform using Artificial Intelligence.	General	In-House
6	Ghotane Ketan, Arvind Iyer Siddhant, Nachiketkelkar	Ms. Kalyani P.	Detection of Dyslexia using Eye Tracking+CI38	General	In-House
7	Rammya Iyer, Kartik Rajesh AdityaKumar, Gopalkrishnan	Rajesh Kadu	Fake news detection using Machine Learning	General	In-house
8	Abila Saravanabhavan, Balkirthika E., Akshara Saji, Anushka Agashe	Ms.SuvarnaChau re	Sentimental Analysis and Feature extraction by classification of Restaurant reviews	General	In-house
9	Rohit Ramaswamy, Vinay Ambre, Rishabh Gajra	Ms. PreetiGodabole	Smart Music Streaming service-Rhythm	General	In-house
10	Madhumitha, Manisha, Meenakshi, Jane D'souza	Mrs. MasoodaModak,	Predictive Maintenance for heavy commercial vehicles using machine learning and data analytics	General	In-house

11	Shridhar Ravi, Sparsh Arora, Kaustubh Badrike, SanketBailmare	Ms. Aparna Bannore	Automated Malware Analysis using Machine Learning	Research	In-house
12	RakshitaBakalkar, Brijesh Reddy, Arpita Rane	Ms.Varsha Patil	Intelligent TB Disease Prediction System	General	In-house
13	Ekta Walavalkar, Snehal Shinde, Sujata Khandekar, Roshani Patil	Dr..Rizwana Shaikh,	GIS based FIR and SOS	General	In-house
14	Subhed Chavan, Sahil Shetty, Siddharth P.	Ms. AninditaKhade	CO2 Emission and Control Device	General	In-house
15	AviralOzha, Mohit, Pranav C , Arvind	Ms.Pranjali Thakare	Road Consistency Mapping Using IOT	General	In-house
16	Aditi more, Deeplaxmi mane, RutujaNighot	Ms. UjwalaRavale	Assistive E-learning System for children with Learning Disabilities using progressive Web Application	General	In-house
17	Yuvraj vanniya, Vignesh Konar, Prasad Lad, Darshan Shetty	Amit Pandhare	Bike Sharing demand production	General	In-house
18	AaratiBorse, Bharat Kathuria, Elizabeth Joseph, Riona Almeida	Mr.Sunil Kumar	Safety wearable system using IOT	General	In-house
19	Pranav Sainath, Somesh Banerjee, Subramaniam , Jayaraman	Mrs. MasoodaModak,	Text based interview Simulator	General	In-house

20	Rishil Ramesh, Rekha Gole, KomalSangle	Ms. UjwalaRavale	Smart Air Conditioning Control System	General	In-house
21	Fariha M Farookh, Unmeshakupekar, SayleePawar, Neeraj Jadhav	Ms. Upasana Patil	Motion Controlled Interactive games to practice Hand Therapy Exercises	General	In-house
22	Shivshankar, Vignesh Sethuram, Vignesh Ramchandran, Ronit Boddu	Mr.Sunil Kumar Punjabi	Railbot	General	In-house
23	VrushaliAlugade, Akanksha Pradhan, Rutuja Patil	Ms.Varsha Patil	Full Immunization Coverage	General	In-house
24	Almas, Ajit Kumar, Kavya Venkatraman, Megha	Ms. Kranti Bade	Sign Language Converter	General	In-house
25	Fahad, Amin, Pratik Subhash, Thevar Ravi Sharma	Ms. Chhaya Meshram	Securing Healthcare Data using Blockchain Technology	General	In-house

IV. Entrepreneurship awareness activities conducted under CIED in the year (2018-19)

- Orientation Program specially for the First Year Engineering Students giving the overview about new startups, issues and how to select the startup as a product, conducted on: Date:13 August 2018 (2 Hours)
Guest Speaker: Mr. Devesh Chawla (Founder and CEO, Chatur Ideas, Mumbai)
- Panel Discussion giving the highlight @ why to chose entrepreneurship over other options and the prerequisites for it, risks in being an entrepreneur, What steps should students take at their level to pursue Entrepreneurship: 19 Sept. 2018 (3 Hours)
Panelist: Mr. Saurabh Sinha (CEO, Rein Lab), Mr. Sandip Dhurat (HR Manager, Procentris India), Mr. S.V. Rasal (Managing Director, IDEMI, Mumbai).
- GST FERIA 2.0 event, Project Exhibition was organized for students to showcase the Project Idea was conducted on : 19 Sept. 2018 (3 Hours)
Judge: Rohit Radhakrishnan, Regional Lead, 10000 Startups NASSCOM and Co-Founder of Open fuel, Mumbai.
- Visit to ISME, Indian School Of Design & Innovation for Final Year Students gives the knowledge on Design & Innovation, Creativity & Entrepreneurship followed by Data Science session : 25 Sept. 2018 (1 Days)
Connect from ISDI: Vishal Samal, Vice President, Outreach, Indian School Of Design & Innovation (ISDI), Mumbai.
- IDEATION '19, the idea competition in collaboration with NGOs partners Child Vision Foundation and Blue Ribbon Movement, to get real time problem statement was given to students by NGOs, and student need to present the real-time possible and feasible solution on the given problem, conducted on : 15 Feb. 2019
Judge for the event: Mr.Kumar Abhinav, General Manager, Child Vision Foundation;
Mr. Ashok Krishnan, Program lead for Gender Lab's program, Blue Ribbon Movement;
Ms Kanak Tiwari, former professor, K. J. Somaiya COE;
Ms. Reetu Desai, Software Developoer, L. & T Infotech.

- Business plan workshop based on case studies to prepare our students to participate in business plan competition BIZENCE was organized competitions to get insight into points that needs to considered before starting any business was conducted for SIESGST students on 5 March 2019 (3 hours)
Speaker: Rohit Radhakrishnan, Regional Lead, 10000 StartUps NASSCOM and Co-Founder of Openfuel, Mumbai.
- BIZENCE 2019, Bizence, national level business plan competition where the students had put up their ideas in front of investors was conducted at SIESGST. 17 teams from across India participated in the event: Mar 13, 2019 (1 Day)
Judge for the event: Mr.SaurabhSinha, CEO, Rein Labs, Mumbai
Mr.SandipDhurat, Sr. Manager -Procentris India , Mumbai
Mr.TejasHoskatti, Managing Director & Founder - Taiijas Infotech Private Ltd.
- Hands on Here Technology Workshop was organized in collaboration with NASSCOM 10000 startups and SIESGST. More than 70 student and faculty members attended the workshop. HERE Developer Kit, Spatial Technology, XYZ Series was provided to the participants: 30 March 2019 (1 Day)
Event Speakers: Here Technology – Manager from Design team

V. Project proposals

Four Proposals have been submitted to DST Funding under following Heads:

- Entrepreneurship Awareness Camp (FAC)
- Entrepreneurship Development Programme / Women Entrepreneurship Development Programme
- Technology based Entrepreneurship Development Programme
- Faculty Development Programme.

VI. Startup to be registered Under CIED

The Viral Advertising (Enterprises):

- Mr. Surya Ramiah, Ms. Ashwini Tiwari and Ms. Ruchika Sood (Alumni SIESGST, Branch – IT, Batch – 2013-2017)
- Major working areas: Online Reputation Management, Social Media Advertising, Influencer Marketing
- Website Link: <http://www.theviraladvertising.com/>

Alex O Conner (Enterprises):

- Mrs. Bhavya (Alumni SIESGST Branch- EXTC, Batch –2012-2016)
- Major working areas: Digital Marketing, Staff Training
- Website Link: <http://www.iamalexconnor.com/>

VII. MOU Signed

MOU with McKinley & Rice Creativity, Pvt. Ltd., New Delhi: Mr. Jungwoo Kim

- The objective of this MOU is to express the willingness of both parties to engage to promote capital investment of startups involved with SIESGST as well as its activities to develop and expand relationships with investors in South Korea.
- Specific activities like for research collaboration and Technical guidance for Innovative Projects under this MOU will be identified through consultation between the two parties.

MOU with AUTONXT Pvt. Ltd., Mumbai: Mr. Vishal Dubey, Co-founder, (Alumni SIESGST, Branch – EXTC, Batch : 2012-16)

- The objective of this MOU is to support student internship, technical helps for projects.
- Specific activities like live projects, have been undertaken and have completed one consultancy project with Thane Municipal Corporation (TMC)

VIII. PROPOSED ACTIVITIES

- Selecting good project ideas for getting funding from DST, AICTE, and other funding Agencies
- Mini, Micro, Major Projects for Technical Paper writing and Patenting
- Visit to Nearby Incubation Centre to understand the work culture of Incubation Centre
- Collect the list of possible mentors for New Startup enrolled in our CIED
- Approach Industries for CSR funding to set up startups.

Collaboration with 10000 startups NASSCOM (No cost)

- To plan events and workshops on cutting edge technologies for student and faculty members by industry experts

Collaboration with Rein labs (No cost)

- To get the guidelines for registration of CIED and other legal aspects of setting up an incubation center and shared workspace.
- To discuss the possible program / workshops for student and Faculty members to get it involved into the process
- To set up a formal system to nurture project ideas right from the first year of Engg and lead them to make it into a complete product considering all aspects of business and entrepreneurship at the end of their final year with an aim to promote startups at the Institute.

Collaboration with NAMAN(Paid Activity)

- To channelize the entire start up ecosystem existing in SIES GST.
- To plan a workshop of about 3 hours on Business Modeling
- A possible association and collaboration was discussed between NAMAN Angels India Foundation & SIES GST, regarding mentors engagements and possible funding.
- Faculty Sensitization Program for all faculty members of SIES GST, basically creating an awareness of Faculty members about Start Up

IX. Advisors and Mentors identified for guiding us to set up the necessary infrastructure to promote Entrepreneurship and Innovation

Sr No	Name	Name of the Organization	Profile
1.	Mr.Saurabh Sinha	REIN Labs	CEO, Founder & Managing Partner
2.	Mr.Rohit Radhakrishnan,	10000 StartUps NASSCOM	Regional Lead, 10000 StartUps NASSCOM and Co-Founder of Openfuel, Mumbai
3.	Mr.Tejas Hoskatti,	Taiijas Infotech Private Ltd.	Managing Director & Founder - Taiijas Infotech Private Ltd.
4.	Mr.Sandip Dhura	Procentris India	Senior Manager -Procentris India , Mumbai
5.	Prof. Kiran Talele	Sardar Patel Technology Business Incubator	Associate Professor and Sardar Patel Technology Business Incubator, Sardar Patel Institute of Technology.

Event Report

Entrepreneurship Awareness Camp (EAC)

Funded by: DST- NIMAT- NSTEDB through EDII Gurjat

(Ref: EDII/DST-NIMAT/19-20/614 Dated 12/08/2019)

Event Title	:	Entrepreneurship Awareness Camp (EAC)
Venue	:	SIES- Graduate School of Technology (GST) Nerul, Navi Mumbai
Date	:	27 th -28 th September 2019 (Speaker Sessions) 5 th October 2019 (Visit to Indian School of Design Innovation)
Time	:	9:00 am to 5:00 pm
Organized by	:	Entrepreneurship Development Cell (EDC)
Organized for	:	All Branch Students (FE/SE/TE/BE) from SIESGST
Event Description	:	<p>The aim of the EAC was to provide platform to the students and faculty members to interact with startup founders in various field. The EAC prime motto is to create awareness among undergraduate students and faculty members of Engineering or technical background about various facets of entrepreneurship as an alternative career option as also to highlight the merits of pursuing such an option.</p> <p>The EAC was of 3 days duration, is conducted in the SIESGST, Nerul, Navi-Mumbai Campus. In EAC, the more than 75 students are exposed to different aspects of entrepreneurship, including opportunity guidance, services offered by agencies of support system etc.</p> <p>The Interactive Speaker Session was arranged under EAC in the SIESGST Campus on September 27th and 28th, 2019. They covered the various topic during the sessions:</p> <ul style="list-style-type: none">• How the present scenario about startup and Government



policies

- How to Identify of opportunities for entrepreneurs
- Importance of Financial aspects for the startup, various technical and Commercial aspects, Legal Aspects and Startup registration under MSME
- How government support through Startups Intellectual Property Protection - SIPP scheme for new startups
- What are the different Support and financial assistance from Govt. agencies, banks, financial institutions

A visit was arranged to Indian School of Design & Innovation (ISDI, Parel) on Saturday, October 05, 2019 to bring the students in direct touch with practicing entrepreneurs and Innovation in the engineering field.

Resource Persons : Mr. Randeep Singh Lobana (Founder: Commutee.Ltd)
Mr. Saurabh Sinha (Founder: Rein labs.Ltd)
Ms. Smedha Sarkar (Founder: Edumaan.Ltd)
Mr. Pranab salian (Founder: IP Hawk)
Mr. Gaurav Shetty (Co-Founder: Ip Hawk)

**Overview
about 3days**

As quoted by Narendra Modi The Prime minister of India "Lets make India the Skill Capital of the World" the Entrepreneurship Development Cell of SIES GST organized an entrepreneurship awareness camp for the students with startup ideas as well as for those who could take points and learn from the Founders and Co-founders of various startups in Mumbai.

It is an initiative taken by Entrepreneurship Development Institute of India which was organized by the EDC Incharge faculty



Dr.Kaustubh Chavan and Student Council incharge Prof. Sumitra Padmanabhan along with EDC SIESGST.

The Awareness camp was organized on 27th,28th September 2019 and 05th October 2019 with four speaker sessions and an industrial visit.

Day 1(27th September 2019):

The event began with an inauguration ceremony by lightning of lamp by our I/C principal Dr.Atul Khemkar,Mr. Randeep Singh Lobana (Founder Commutee.Ltd) and Dr.Kaustubh Chavan sir. The event was flagged off by the inspiring words from Dr.Kaustubh Chavan.

The First session was by Mr.Randeep Singh Lobana (Commutee.Ltd) in which he shared his experience of studying mechanical engineering from IIT Bombay and how he took up his entrepreneurial career in information technology.He shared his hardships faced and taught students how to look into entrepreneurship as a career option. He did a small group activity for the students by making them share the ideas criticizing it as a third party and showing them the reality using Google search engine.

The second Session was by Mr.Saurabh Sinha (Rein labs.Ltd).He shared his experiences as an entrepreneur and the 10 Mantras of how to be an entrepreneur as well as taught the students how to make a business model.

Day 2 (28th September 2019):

The Session one was flagged off by Ms. Smedha Sarkar (Edumaan.Ltd) by sharing her amazing experience in the teaching field and what led her to be an enabler of employment and entrepreneurship. She taught the students on how to market the product and the company with a sketch pens and chart papers.

The second session was conducted by Mr. Pranab Salian (Founder IP Hawk) and Gaurav Shetty (Co founder IP Hawk). They covered the points such as: Introduction & Entrepreneurship Journey (Pranab Salian), Why, What and How to Start-up as a founder (Pranab Salian), Experience and challenges of working at a startup (Gaurav Shetty), Workshop part A: Building a Pitch Deck (Pranab Salian), Workshop part B: Building an MVP (Gaurav Shetty), Experiences of raising funds (Pranab Salian).

Day 3 (05th October 2019):

The Final Day of the Entrepreneurship camp was the Industrial Visit to ISDI-Indian School of Design and Innovation where Students were taught by Amit Kundal on how to think innovatively and make a product useful for the people as well as does not harm the environment. There was a session on Data Science by Anshul Gupta who taught us how today's startup giants recommend the items and services to the users.

- Outcome :**
- Students and Faculty members have interacted with Entrepreneurs who were invited for experts
 - How to prepare business plan and execution of business plan to successful startups

-
- The Experts shared the success stories - common problems faced by entrepreneurs was discussed
 - How difficult is to manage the Grant, funding and loaning from banks, agencies was discussed
 - Marketing policy, and communication skills (interacting with people) for better results was discussed
 - How one can convert the idea and innovation to the implementation to successful startups


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Sector - V, Nerul, Navi Mumbai - 400706

Photographs:







Entrepreneurship Development Cell (EDC)
SIESGST - Student Chapter – Activities Summary 2017-18

1. Faculty Coordinator:

Prof. Sumitra Iyer – Assistant Professor and Student Council Incharge

2. Student Chapter – Executive Committee Members:

Chairperson: Srivatsan K. (BE CE)

EDC Representative: Surya Ramiah (BE IT)

Event and operation head: Ajitem Joshi (BE CE)

Vice chairperson: Riddhi Solanki (TE EXTC)

Secretary: Siddhesh Chavan (TE ME)

Design Head: Purva Hule (TE PPT)

Event and operation co-ordinator: Shuaib Basha (TE EXTC)and Shivani Bobade (TE ME)

Publicity co-ordinator: Madhugandha Chavan (TE IT), ashwin Nair (TE ME) , Yateesh Amin (TE EXTC), Kunal Chavan (TE ME)

Marketing co-ordinator: Anam Sernobat (TE ME) and Sindhuja Iyer (TE IT)

Active Committee members:

Siddhesh Menon -IT

Girish -CE

Avantika- CE

Kavita hegde-CE

Swarika Bhosale-CE

Nayan Bhanushali-IT

Shantanu Ghar-CE


3. Summary of Activities:

Sr. No.	Title of Seminar / Workshop / Talk arranged	Resource Person – Name, Designation & Organization	Date Conducted and Duration	Target Audience
1.	EDC orientation program	Mr. Prasad Menon, the CEO of Centre for Incubation and Business Acceleration (CIBA), Mumbai,	16 th of August, 2017 (One Day)	More than 60 students mostly from FE and SE from all branches



		Mr. Devesh Chawla, the founder and CEO of Chatur Ideas.		
2.	Panel Discussion "Job or Higher Studies or Entrepreneurship"	1. Mr. Abhishek Kulkarni senior Technical Team Lead at Unotech Software 2. Mr. Gaurang Shetty Chief Innovation Catalyst/CEO at Research Innovation Incubation Design Labs (riidl), Somaiya Vidyavihar 3. Mr. Harpreet Singh CEO and founder of Ahy Consulting 4. Ms. Suhani Mohan co-founder and CEO of Saral Designs	15 th September, 2017 (One Day)	80 students across all years and branches.
3.	NATIONAL ENTREPRENEURSHIP CHALLENGE	E-SUMMIT organised by EDC cell of IIT Bombay	27 th -28 th January 2018 (Two Days)	One team was qualified into Top 10 colleges from all over India.

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Entrepreneurship Development Cell (EDC)
SIESGST - Student Chapter - Activities Summary 2018-19

1. Faculty Coordinator:

Dr. Kaustubh Chavan – Assistant Professor, Mech. Engg. Dept.

2. Student Chapter – Executive Committee Members:

Chairperson: Mr. Shuaib Basha (BE extc)

EDC Representative: Ms. Riddhi Solanaki (BE extc)

Membership drive: Mr. Siddhesh Chavan (BE Mech)

Event and operation head: Ms. Shivani Bobade (BE Mech)

Marketing Head: Ms. Anam (BE Mech)

vice chairperson: Mr. Siddhesh Menon (TE IT)

Secretary: Mr. Girish (TE Comp)

Design Head: Ms. Sushmita Gramani (TE PPT)

Event and operation co-ordinator: Mr. Nishant Kabonia (TE PPT)

Publicity and Marketing co-ordinator: Mr. Nayan

Active Committee members:

Ms. Aishwarya Ganeshan

Mr. Pranav Nair

Mr. Saisaranya

Ms. Adishree Ganeshpure

Ms. Aditi Namdev

Mr. Ramesh Lakshman

Ms. Priyanka Nadar

Mr. Omkar Parida

Mr. Cijin Chandrashekhar

Mr. Afrin Thara

Ms. Anrutha Sai

Ms. Anjana Neelayath

Mr. Karthik Gudivada



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3. Summary of Activities:

Sr. No.	Title of Seminar / Workshop / Talk arranged	Resource Person – Name, Designation & Organization	Date Conducted and Duration	Target Audience
1.	Orientation program	Mr. Devesh Chawla - Founder and CEO - Chatur Ideas	13th of August, 2018 (One Day)	morethan 100 students mostly from FE and SE from all branches.
2.	Panel Discussion 2019	1. Mr. S. V. Rasal: CEO Managing Director for Institute for Design of Electrical Measuring Instruments (IDEMI), Ministry of MSME, Mumbai. 2. Mr. Sandip Dhurat: Senior Human Resources Manager at an US based IT MNC in Mumbai. 3. Mr. Saurabh Sinha: Serial Social Entrepreneur, REIN Labs.	19 th Sept. 2018 (One Day)	170 students across all years and branches.
3.	GST FERIA 2.0	Mr. Rohit Radhakrishnan, Regional Lead at NASSCOM co-founder of Openfuel	19 th Sept. 2018 (One Day)	50 students across all years and branches.
4.	IDEATION '19	Guest of Honor Dr. B. U. Rhinde, Chairman, IETE, Navi Mumbai Centre judges Mr. Kumar Abhinav, General Manager, Child Vision Foundation, Mr. Ashok Krishnan, program lead, Gender Lab's Program at Blue Ribbon Movement, Ms. Kanak Tiwari, former professor at K. J. Somaiya COE, and Ms.	15th February 2019 (One Day)	25 teams of 3-4 members each from various colleges



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		Rectu Desai, Software Developer at LTI		
5	BIZENCE Workshop	Mr. Rohit Radhakrishnan, Regional Lead at NASSCOM co-founder of Openfuel	5 th March 2019 (One Day)	110 students across all years and branches.
6	BIZENCE	Mr. Sandip Dhurat, Sr. Manager at Human Capital Mr. Saurabh Sinha, serial social entrepreneur at REIN Labs and Mr. Tejas Hoskatti, startup expert and brand strategist.	13 th March 2019 (One Day)	51 student's was participated and more than 20 entries from colleges across Mumbai, Navi Mumbai and even from Bangalore and Hyderabad.

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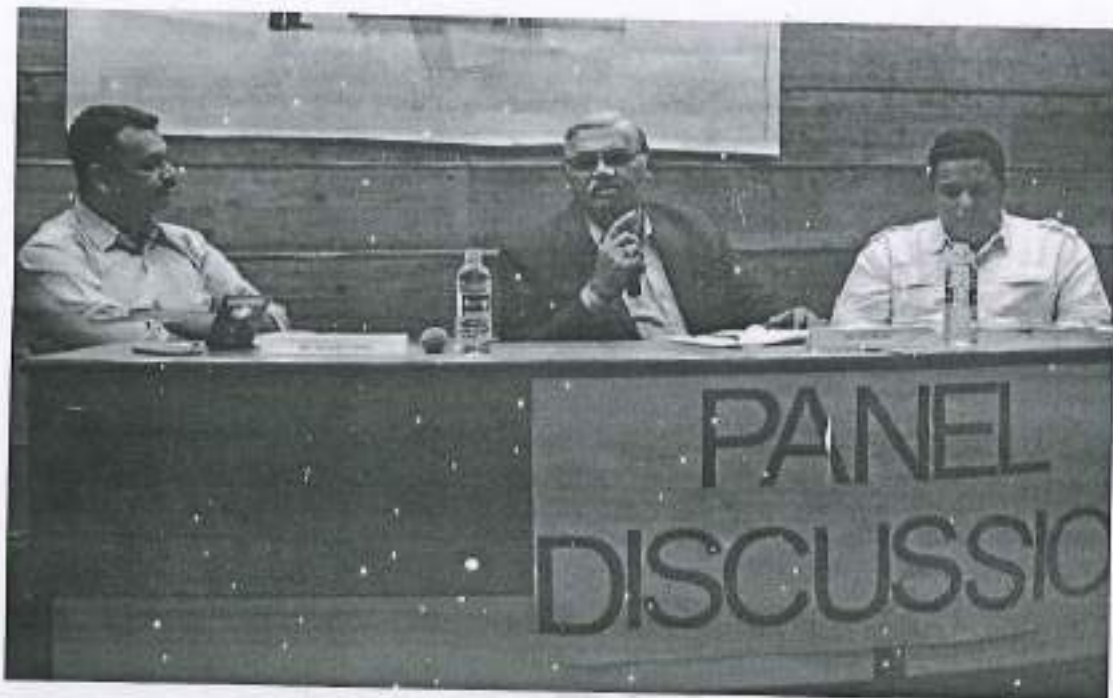
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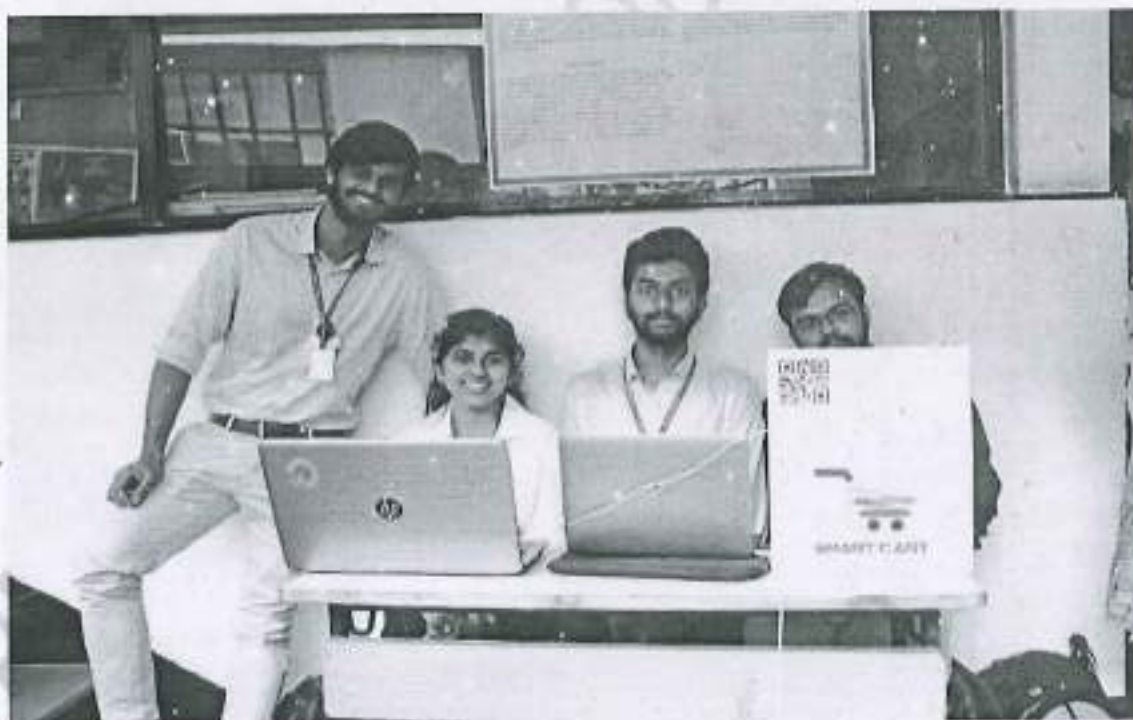
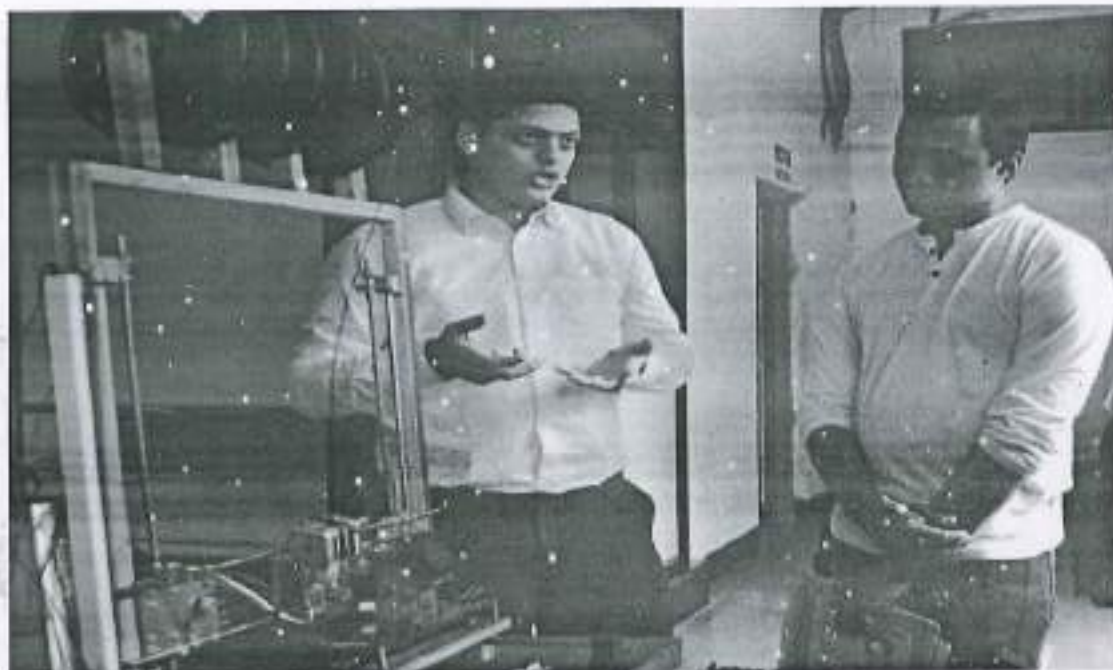
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Panel Discussion 2019



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GST FERIA 2.0



IDEATION '19



BIZENCE Workshop



BIZENCE 19



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Entrepreneurship Development Cell (EDC)
SIESGST - Student Chapter – Activities Summary 2019-20

1. Faculty Coordinator:

Dr. Kaustubh Chavan – Assistant Professor, Mech. Engg. Dept.

2. Student Chapter – Executive Committee Members:

Chairperson: Mr. Girish Pushkaran (BE Comps-D)

EDC Representative: Ms. Avantika Mahajan (BE Comps-C)

Membership drive: Mr. Siddesh Menon (BE IT)

Event and operation head: Mr. Nayan (BE IT)

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NEC Head : Mr. Tejas Baisane (BE Exte)

Marketing Head: Mr. Abhirup Kamath (BE IT)

Secretary: Mr. Srinivas Somal (TE Exte)

Events Coordinator: Mr. Piyush Singh (TE Exte)

Publicity Coordinator: Mr. Ramesh laxman (TE COMPS)

Active Committee members:

Mukku Vaishnavi (SE EXTC)

Rashmi Singh (SE EXTC)

Pratik Shinde (SE EXTC)

Samin Sayyad (SE MECH)

Pravalika (SE EXTC)

Karuna (SE EXTC)

Ayshwarya Mohan (SE EXTC)

3. Summary of Activities:

Sr. No.	Title of Seminar / Workshop / Talk arranged	Resource Person – Name, Designation & Organization	Date Conducted and Duration	Target Audience
1.	Ideation '19	Judges: 1. Mr. Kumar Abhinav, General Manager, Child Vision Foundation; 2. Mr. Ashok Krishnan, Program lead for Gender	September 29, 2019 (One Day)	61 participants (13 teams from other colleges, and 6 teams from SIES GST)

		Lab's program, Blue Ribbon Movement; Mentors: 1. Mr. Mangesh Mahida , Child Vision Foundation 2. Mr. Anil Pawar , Child Vision Foundation 3. Ms. Ashwini Pawar ,Child Vision Foundation 4. Mr. Santosh Pandey, Blue Ribbon Movement 5. Ms. Pankati Jain, Blue Ribbon Movement 6. Ms. Tejashree Dewoolkar, Blue Ribbon Movement		
2.	DST Funded ENTREPRENEURSHIP AWARENESS CAMP (EAC)'19	Mr. Randeep Singh Lobana(Founder Commute.Ltd) Mr.Saurabh Sinha(Rein labs.Ltd) Ms.Smedha Sarkar(Founder Edumaan.Ltd) Mr.Pranab salian(Founder IP Hawk) Mr. Gaurav Shetty (Co-founder Ip Hawk)	27th,28thSeptember 2019 and 05th October 2019 (Three Days)	The session was attended by 75 students of final year from all the branches
3.	Redbull Basement University Challenge	Ms.Smedha Sarkar (Founder Edumaan.Ltd)	19 th October, 2019 (One Day)	The session was attended by 30 students from First year to final year.
4	BIZENCE 2020	Ms. Smedha Sarkar, (Founder Edumaan.Ltd) Mr. Pranab Salian, (Founder IP Hawk) ' Mr. Rajiv Dabhodkar	22nd February 2020 (One Day)	21 teams participated in the competition form.

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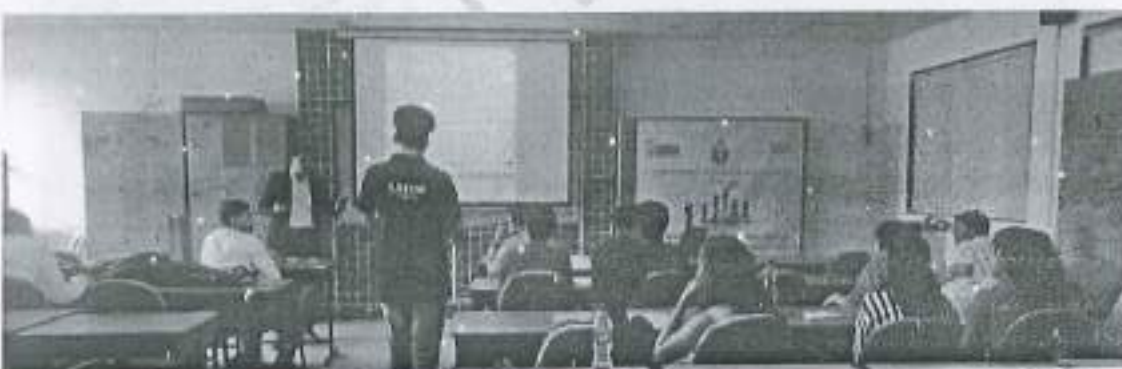


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Ideation '19



ENTREPRENEURSHIP AWARENESS CAMP (EAC)'19



[Signature]

Redbull Basement University Challenge



BIZENCE 2020





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Sector-V, Nerul, Navi Mumbai-400706



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD, Govt. of India)



CERTIFICATE

This is to certify that

SIES GRADUATE SCHOOL OF TECHNOLOGY, NAVI MUMBAI

**has established Institution Innovation Council(IIC) as per the norms of Innovation Cell,
Ministry of HRD, Govt. of India during IIC Calendar year 2018-19**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Certificate No : 1443

Shri. R. Subrahmanyam
Secretary, MHRD

Dr. Abhay Jere
CIO, MHRD, Innovation Cell

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Ministry of Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
Ministry of Education, Government of India



CERTIFICATE

Institution Innovation Council (IIC) established at

SIES GRADUATE SCHOOL OF TECHNOLOGY, NAVI MUMBAI

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2019-20.

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Sh. Amit Khare
Secretary, Department of Higher Education, MOE

Dr. Abhay Jere
CIO, MOE, Innovation Cell

Certificate No : 1443

Issued On : 2020-09-22

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