



संवदध्वम्

**Newsletter of
Government Engineering
College, Rajkot**

**Volume - VI | Issue - I
July - December , 2021**

Vision

- To bring out technically competent and socially responsible engineers.

Mission

- To upgrade and enhance learning resources for delivering quality technical education.
- To improve pedagogical skills and subject knowledge of the faculty members.
- To fortify industry interaction for upgradation of the skills of students for meeting upcoming professional challenges.
- To nurture innovative thinking and experimentation for addressing real life problems.
- To take cognizance of social, ethical and environmental issues.

Message from Principal's Desk



It is again an opportunity for me to talk to all the readers and I take it as a privilege. This biannual newsletter 'Sambadhadbam' is actually a compendium of the activities in the campus. I have always felt that such publication prompts activities and activities in turn prompt publication of newsletter. This activity – publication sequence keep the campus alive and vibrant.

I am happy to share some of the great performances of our students in this semester- this time GEC, Rajkot is ranked first among Government Engineering Colleges in Gujarat with 4 star rating by Institution's Innovation Council (IIC 3.0) 2020-21 rankings.

Two GEER students from NCC(Naval) are selected for Republic Day Camp from Gujarat state and will participate in national level competition.

I would take this platform to convey my best wishes to Department of Mechanical and Civil Engineering for NBA Accreditation process they have applied for. I believe both the departments will come up with flying colours.

I congratulate the team e- newsletter for their consistent efforts to make this biannual publication a success.

- Dr. C.H. Vithalani

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Supercomputer Facility Activity

Duration: 01-July-2021 to 31-October-2021

GUJCOST has setup a Supercomputer facility – PARAM Shavak, at Computer Engineering Department of Government Engineering College-Rajkot in December 2017.

To contribute to the research and development of India, C-DAC has developed a low cost and an energy efficient solution, which is as good as a supercomputer in a box namely – PARAM Shavak DL (Deep Learning) GPU with related frameworks, performance libraries, and visualization tools.



Team Supercomputer Facility :



Prof. (Dr.) C.H. Vithalani
Principal
Electronics & Communication Engineering



Prof. (Dr.) Chirag S. Thaker
Head of the Department – CE
Head – Special Initiatives at Institute



Dr. H. K. Molia
Assistant Professor - CE
Convener



Prof. S. R. Kotecha
Assistant Professor - CE
Team Member



Prof. R. J. Khimani
Assistant Professor - CE
Team Member

Online Events:

Event – 1 A Webinar on “Deep Learning Applications”

Date : 31-July-2021

Expert : Dr. Rohit Thanki ,
R&D Head & AI Scientist,
Prognica Labs, Dubai, UAE

No. of Participants : 178



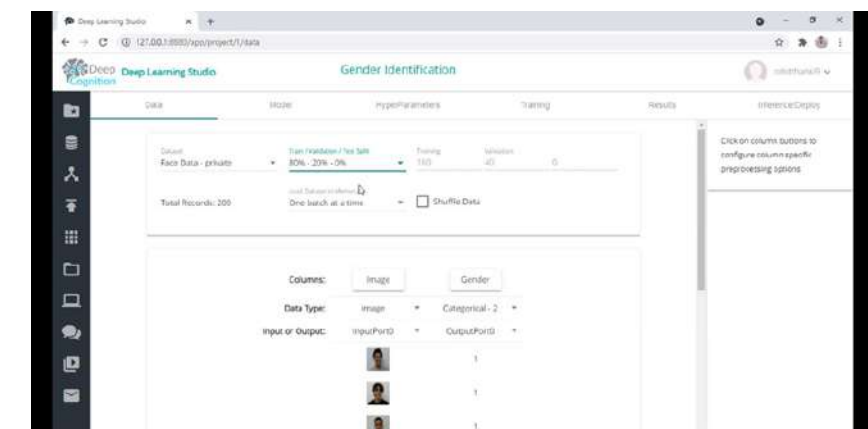
Dr. Rohit Thanki is a computer vision expert and AI researcher with more than 8 years of research and development experience in areas of computer vision, artificial intelligence, medical image analysis & security and biometrics including more than 3 years of academic experience in various engineering institutions in India. Presently, he is working as a head of research & development, Prognica Labs Tech FZCO, Dubai, UAE. Also, he is associated as a software consultant for Ennoventure Technologies Private Limited, Bengaluru, India. He earned his bachelors in electronics & communication, master's in communication engineering and a doctorate degree in electronics & communication with a specialization in digital

image processing and biometric security. His areas of research interest are medical image analysis, artificial intelligence, machine learning, deep learning, digital watermarking, biometric security, compressive sensing, and signal processing. He has more than 40 publications in his credit and has published in reputed journals with high impact factor and international conferences indexing in Scopus / SCIE / WOS. Also, He has authored and contributed more than 20 books with reputed publishers, i.e., Springer, CRC press, Elsevier, De Gruyter, and IGI Global. He has been invited as reviewer in various reputed journals such as IEEE Transactions on Audio, Speech and Natural Language Processing, ACM Transactions on Multimedia Computing, Communications and Applications, IEEE Consumer Electronics Magazine, IEEE Access, IEEE Journal of Biomedical and Health Informatics, Signal Processing: Image Communication, Pattern Recognition, Computers and Electrical Engineering, Informatics in Medicine, Journal of Ambient Intelligence and Humanized Computing, IET Biometrics, and IET Image Processing.



Topic Covered

- Artificial Intelligence
- Machine Learning & Deep Learning
- Various applications of Deep Learning
- Convolution Neural Networks (CNN)
- Deep Learning Studio



Event – 2 A Webinar on “Role of AI / ML in Cyber Security”

Date : 04-September-2021

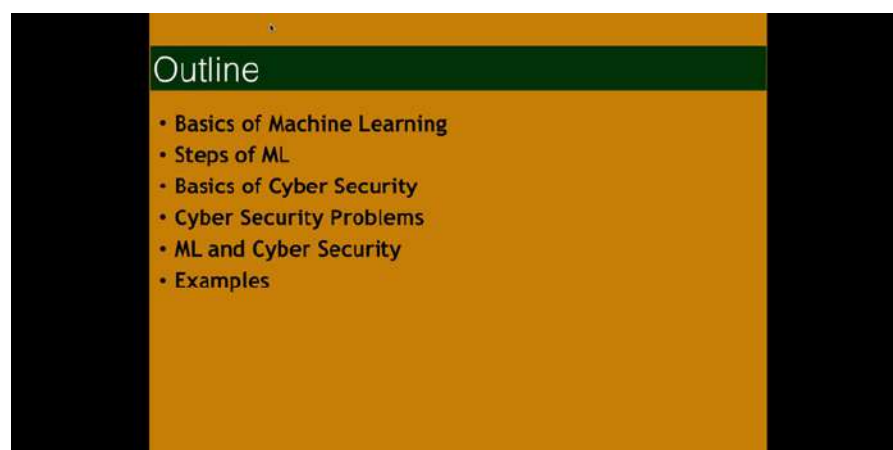
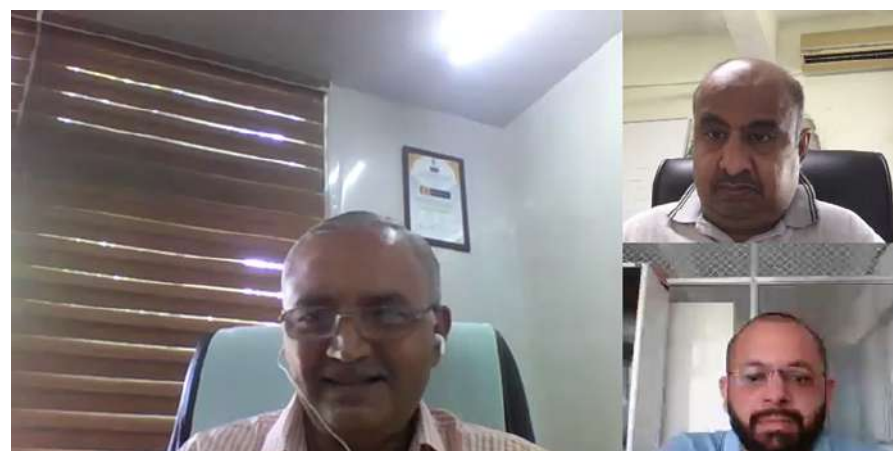
Expert : Dr. Ravi Sheth

Assistant Professor,
Rashtriya Raksha University,
Gandhinagar, India

No. of Participants : 505

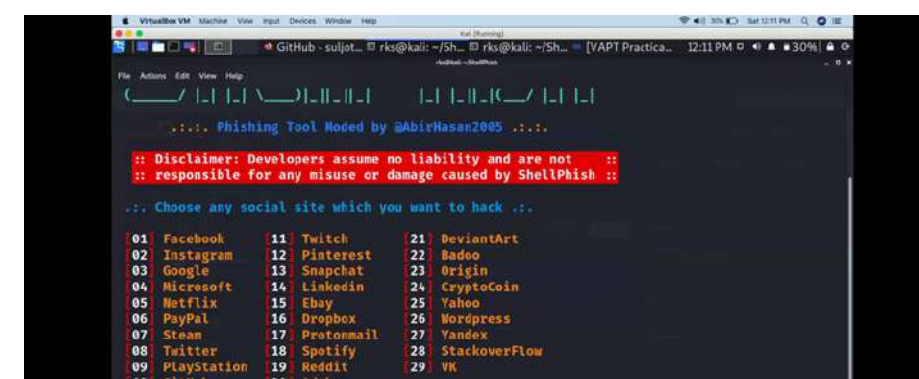


Dr. Ravi Sheth is having more than 13 years of teaching experience. Currently Dr. Sheth is working as Assistant Professor in School of IT, AI and Cyber Security at Rashtriya Raksha University, formerly Raksha Shakti University (RSU), Gandhinagar. His keen area of interest is in multimedia security, machine learning, pattern recognition, VAPT and Cyber Forensics. He has a conflate experience in teaching, research and training. He had organized several high quality training and extension programs for the law professional, teachers and students from across the India. He has published more than 50 research articles in international refereed journal in the area of cyber security, cyber forensics and artificial intelligence. He had been invited as a resource person in many workshops/seminars/training programs. He had also delivered many expert talks on various aspects of Multimedia Security, Social Media Investigation, Cyber Forensics, Pattern Recognition and Darknet Investigation for the law professional, teachers and students from across the India. He has registered a pattern for a “Portable mobile forensic data acquisition tool”. He is providing research guidance to PhD and M.Tech students of Rashtriya Raksha University in the area of Cyber Security, Cyber Forensics, Machine learning and pattern recognition.



Outline

- Basics of Machine Learning
- Steps of ML
- Basics of Cyber Security
- Cyber Security Problems
- ML and Cyber Security
- Examples



Event – 3 An Industry Outreach Talk on “AI, ML, and Data Science: Career Opportunities”

Date : 25-September-2021

Expert : Mr. Nayan Dharamshi

Lead Data Scientist,
KAS Services India

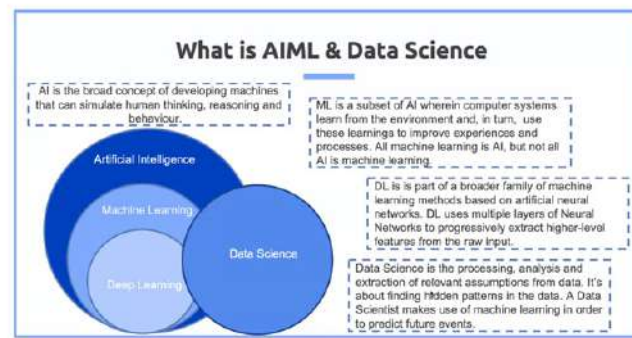
No. of Participants : 419



Mr. Nayan Dharamshi is a data science professional with ~ 10 years of hands on experience in Python, R, Deep Learning, AWS, Databases, and Advanced Excel. Presently, He is working as a Lead Data Scientist at Kmart Group Australia's Global Capability Centre based out of Bengaluru, India.

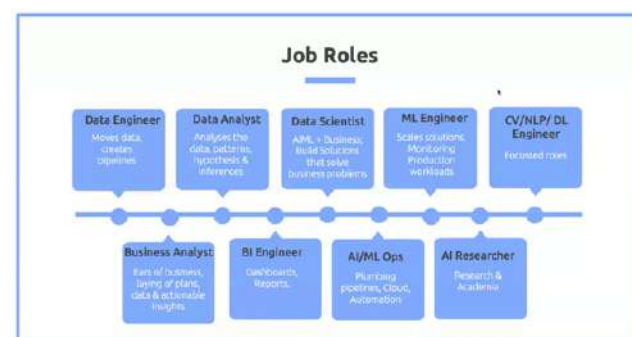
Earlier, He has been associated with organizations like Noodle.ai, Flutura and Target in India building Data Science enabled products in the Retail and Manufacturing space. He was honored with a Gold Medal and 'Award of Academic Excellence' for consistent distinctions throughout his Bachelor of Engineering in Electronics and Communication from Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru. He has also completed PGP in Retail Management from IMT Ghaziabad and has an MBA - Marketing Management from Christ University, Bangalore.





Path to making a Career

- Have a "strong foundation" in the basic building blocks – mathematics, programming & business
- Have a clear vision on where you want to go -> Play to your strengths!
- Perform a GAP Analysis from AS-IS and TO-BE states
- Put down a roadmap to bridge the knowledge gap
(e.g. <https://www.kdnuggets.com/2019/01/getting-started-with-data-science.html>)
- Create rich experiential artefacts – blogs, articles, papers, demo applications etc.
- Aim for roles and organisations which resonate with the targeted role
- Connect with experienced professionals – who are in your TO-BE state
- "Hunger to learn, razor sharp focus, humility to accept failures, and perseverance"



Event – 4 A Webinar on “Getting Started with Deep Learning”

Date : 16-October-2021

Expert : Mr. Nishant Gandhi

Team Lead - Explainable AI,
DataRobot, Boston, US

No. of Participants : 427



Mr. Nishant Gandhi is Leading an Explainable AI Team at Enterprise AI company called DataRobot Inc in Boston, United States. He also has worked for few startups companies in Bengaluru, India.

Mr. Gandhi has completed Bachelor of Engineering degree in Computer Engineering from Gujarat Technological University. He later pursued M.Tech. degree in Computer Science and Engineering from Indian Institute of Technology - Patna. He has also earned Master of Science degree in Information Systems from Northeastern University.

His area of interests includes Machine Learning and Big Data Systems. He is also into Python and JAVA programming. He has delivered expert sessions at various institutes as well as recently in Boston Startup Week 2021.



Content

- Introduction to Deep Learning
- Understanding Neural Networks
- Building Neural Networks with Keras
- Types of Neural Networks
- Let's do coding

Coding Example 1: MNIST with Dense Model

The MNIST is a dataset developed by Yann LeCun, Corinna Cortes and Christopher Burges for evaluating machine learning models on the handwritten digit classification problem.

<http://localhost:8889/notebooks/MNIST%20Keras%20Simple%20Model%20Example.ipynb>



Issue with Fully Connected(Dense) Layers

Fully connected network has to separately learn what's important at each pixel!



Spatial invariance: Shifting an object does not change it.
Locality: minor details only matter locally
Natural spatial hierarchy: pixels, edges and textures

Event – 5 AMA – Ask Me Anything Session on “Machine Learning”

Date : 22-October-2021

Expert : Mr. Subhaditya Mukherjee
Studying Masters, Artificial Intelligence

University of Groningen, Netherlands

No. of Participants : 451



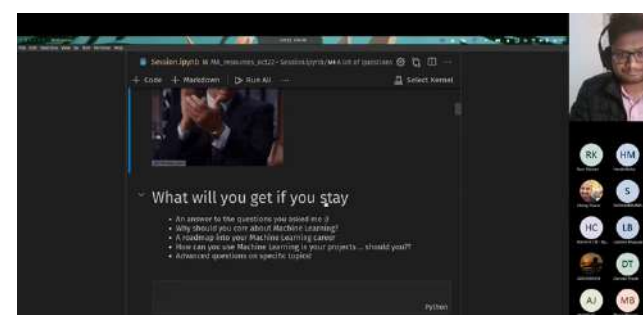
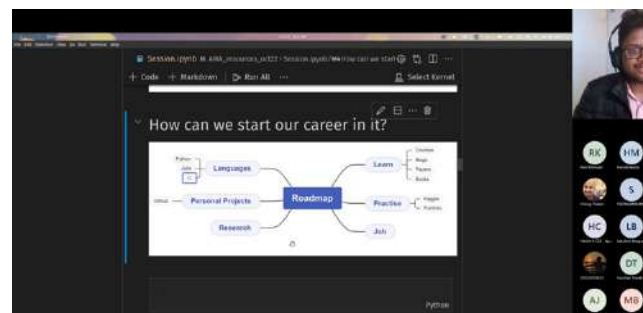
Mr. Subhaditya Mukherjee has completed Bachelor of Technology - Computer Science from Vellore Institute of Technology, Tamil Nadu. Presently, He is pursuing his Masters, Artificial Intelligence at University of Groningen, Netherlands.

He is a regular content writer for Data Driven Investor, Analytics Vidhya, and Medium. He is also an ML facilitator Google AI & speaker at TensorFlow user community.

He has been an active researcher in the field of Machine Learning and Deep Learning. Learning Deep Learning in Deep is his passion.

From writing technical articles to sharing project codes, from delivering expert sessions to have a TEDx Talk, He is everywhere.

On the other side, He is a brilliant artist as well. He draws fantasy, far beyond excellence! Though being digital, his work has real imaginations, emotions.



Event – 6 Webinar on, “Practical Debugging for Data Science”

Date: 20-November-2021

Expert: Mr. Manu Joseph
Lead Data Scientist
Thoucentric - Bangalore, India

No. of Participants: 508

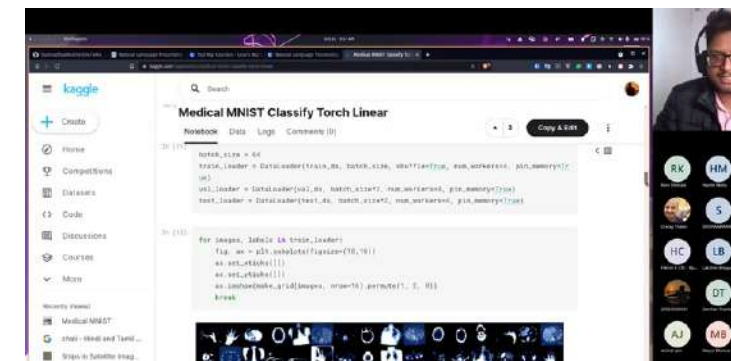
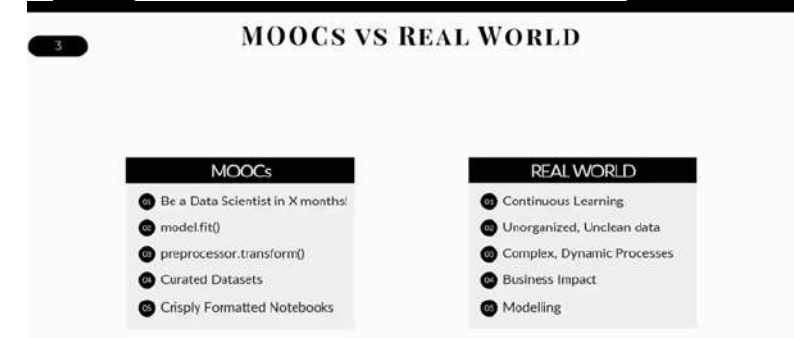
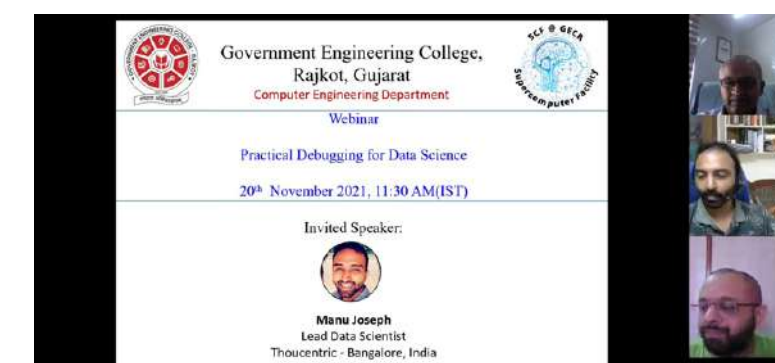


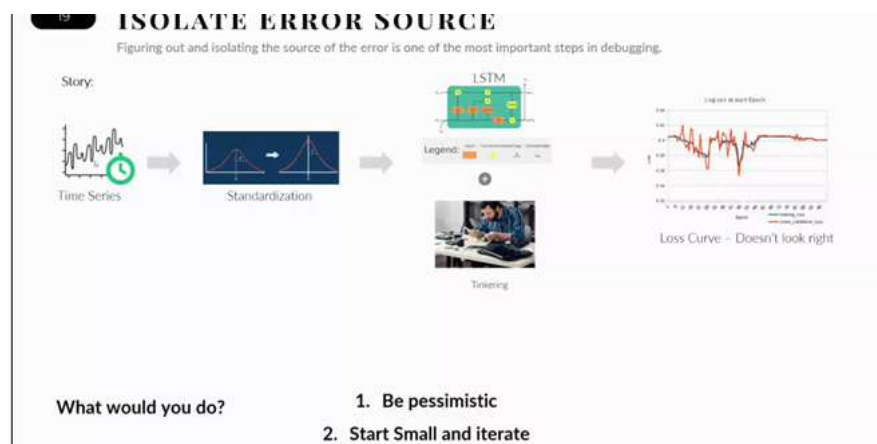
Mr. Manu Joseph is Creator of PyTorch Tabular, Machine Learning Practitioner, NLTK Contributor, Pragmatic Researcher, Speaker, and Blogger.

He is presently leading the Applied Research Team at Thoucentric Technology Private Limited, Bangalore, India. He had been associated with Philips Innovation Campus - Bangalore, Entercoms - Pune and Cognizant Technology Solutions - Coimbatore as well.

He has completed B.Tech - Industrial Engineering from College of Engineering, Trivandrum. He has completed MBA-Operations Management from Symbiosis International University, Bangalore.

His area of interests include Machine Learning, Deep Learning, Timeseries, NLP, Computer Vision, Visualization, Supply Chain Management, Manufacturing, Predictive Quality etc.





Why Data Science Debugging?



Event – 7 Webinar on, “Git, GitHub and Open Source”

Date: 04-December-2021
Expert: Mr. Madhav Bahl
Software Engineer
Microsoft - Hyderabad, India
No. of Participants: 754



Mr. Madhav Bahl works as a Software Engineer at Microsoft – Hyderabad India. He has completed his B.Tech. - Computer Science from Vellore Institute of Technology - Tamil Nadu. He is also a well known public speaker, blogger, and YouTuber working continuously for up-lifting the student community in the field of programming and personal growth.

For the fulfillment of his vision, he keeps mentoring students free of cost, spoke at more than 50 events/workshops/meetups/webinars with more than 15 initiatives, reaching over 25000 people in the student community. He is sharing his knowledge and expertise with a YouTube channel: The Lean Programmer. He has published several tutorials on React, TypeScript, CSS, Git, GitHub, Open Source, website design, tips for software developers etc. He is a founder and leader of CodeToExpress (C2E), an online community with the motive to connect programmers from different backgrounds so that everyone can learn, share and grow together. He has also formed a networking space on Discord to connect students from various colleges with each other.

Government Engineering College,
Rajkot, Gujarat
Computer Engineering Department
Webinar
Git, GitHub and Open Source
04th December 2021, 12:00 PM (IST)

Invited Speaker:

Madhav Bahl
Software Engineer
Microsoft - Hyderabad, India

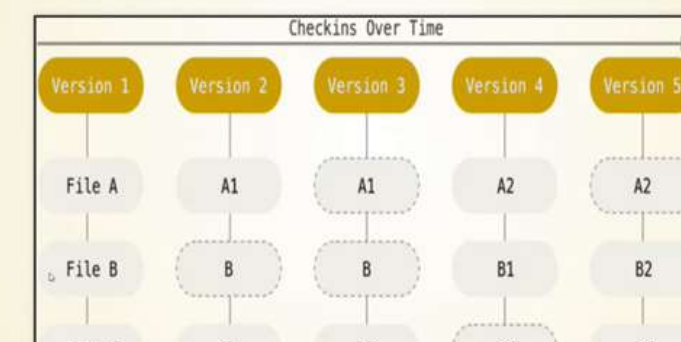
TODAY'S AGENDA

1. Introduction to Open Source
2. Close look at GitHub (and the \$200,000 deal)
3. Git is here :)
4. First open source contribution (if time permits)
5. Open discussion

CONCEPT OF BRANCHES



Git thinks about its data more like a stream of snapshots.



Faculty Training Participation

Sr.	Training / Workshop / Webinar	Duration	Participants
1	Online Workshop on Accelerated Data Science conducted by NSM Nodal Centre - IIT Kharagpur and NVIDIA	20-02-2021 21-02-2021	Prof. Hardik Molia
2	Online Workshop On Arm Based HPC organized by C-DAC and the NSM Nodal Centres for Training in HPC and AI at IITs Goa, Kharagpur, Madras, Palakkad	02-03-2021 03-03-2021	Prof. (Dr.) Chirag Thaker Prof. Hardik Molia Prof. Shyam Kotecha Prof. Ravi Khimani
3	Online Workshop HPC organized by NSM Nodal Centre for Training in HPC and AI, IIT Madras jointly with IITs Palakkad and Dharwad.	20-03-2021 27-03-2021	Prof. (Dr.) Chirag Thaker Prof. Hardik Molia
4	Online Workshop on Simulation Methods in Scientific Computing organized by Centre for Computational and Data Science, IIT Kharagpur, National Supercomputing Mission, C-DAC	14-06-2021 to 16-06-2021	Prof. (Dr.) Chirag Thaker Dr. Hardik Molia
5	Online Training on High Performance Computing and Deep Learning organized by GUJCOST Gandhinagar & C-DAC	06-09-2021 to 09-09-2021	Computer Engineering Prof. (Dr.) Chirag Thaker Dr. Hardik Molia Prof. Shyam Kotecha Prof. Ravi Khimani Prof. Trupti Kodinariya Prof. Nirali Madhak EC Engineering Prof. Miral Patel
6	Online Workshop on High Performance Computing in Engineering organized by IIT Kharagpur and Ansys under the aegis of the National Supercomputing Mission.	21-10-2021 to 22-10-2021	Computer Engineering Prof. (Dr.) Chirag Thaker
7	Online Workshop on Fundamentals of Deep Learning organized by NVIDIA Deep Learning Institute	27-11-2021	Dr. Hardik Molia Prof. Trupti Kodinariya Prof. Sheetal Nagar
8	Online Workshop on Fundamentals of Deep Learning organized by NVIDIA Deep Learning Institute	09-12-2021	Prof. Chintan Varnagar
9	Online Workshop on Fundamentals of Accelerated Data Science with RAPIDS organized by NVIDIA Deep Learning Institute	11-12-2021	Dr. Hardik Molia
10	Online Workshop on Fundamentals of Accelerated Computing with CUDA Python organized by NVIDIA Deep Learning Institute	12-12-2021	Dr. Hardik Molia

Research Projects

The Supercomputer Facility team at the department of computer engineering provides necessary access and support of PARAM Shavak for following research projects.

Branch: Computer Engineering

1. Intelligent Network Protocol Design for Wireless Networks
- Dr. Hardik Molia (Assistant Professor-CE, GEC Rajkot)
2. An Ensemble System Encompassing Quantitative Biomarkers from Multimodal MR Imaging Techniques for Automatic Classification of Alzheimer's disease
- Prof. Chintan Varnagar (Assistant Professor-CE, GEC Rajkot)
3. A Framework for Automated Liver Disease Classification using Machine Learning
- Prof. Trupti Kodinariya (Assistant Professor-CE, GEC Rajkot)
4. Detection and classification of malicious activities using network analysis
- Prof. Amit Parmar (Assistant Professor-CE, GEC Modasa)
5. Development of specialized methodologies for VMI using ML
- Prof. Rahul Vaza (Assistant Professor-CE, GEC Modasa)

Branch: Electronics & Communication Engineering

6. Deep learning based road network extraction system from remote sensing images
- Prof. Miral Patel (Assistant Professor-EC, GEC Rajkot)
7. Automatic CMOS Analog Circuit and Layout Design - Circuit Optimization on SPICE tool
- Prof. Punit Lathiya (Assistant Professor-EC, GEC Rajkot)
8. Abnormal Human Behavior Detection for Surveillance
- Prof. Devang Jani (Assistant Professor-EC, SSEC Bhavnagar)

Branch: Mechanical Engineering

9. Simulation of Computational Fluid Dynamics Problems
- Prof. Yagnesh Joshi (Assistant Professor-Mech. Engg., GEC Rajkot)

Azadi ka Amrit Mahotsav

'Azadi Ka Amrit Mahotsav' is an initiative of the Government of India to celebrate and commemorate 75 years of independence of progressive India and the glorious history of its people, culture and achievements. Department of Higher Education and Department of School Education & Literacy have planned various activities under 'Azadi Ka Amrit Mahotsav'. Thus, Gujarat Technological University has decided to celebrate "Azadi ka Amrit Mahotsav" this year. In this regard, Cultural Committee, Government Engineering College, Rajkot organized various competitions.

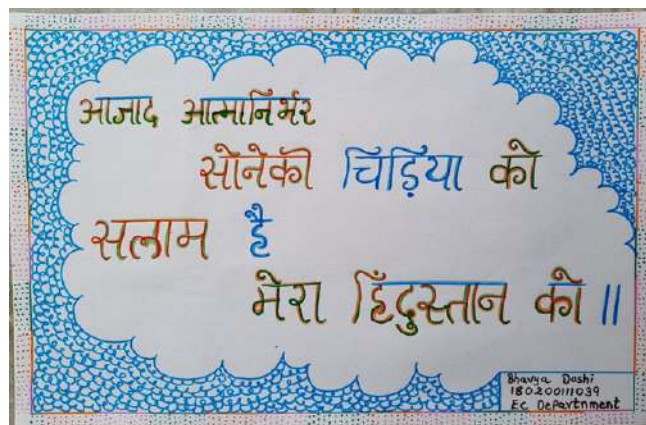
Slogan Competition:

Date : 27 August, 2021 to 18 September, 2021.

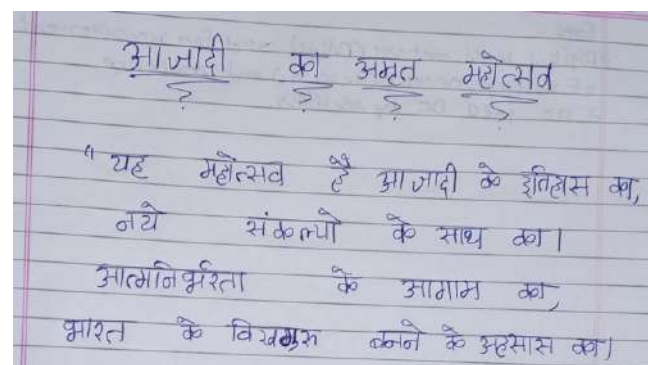
Coordinators : Dr. Namrata Langhnoja and Prof. Urvi Patel.

Participants: 30 students

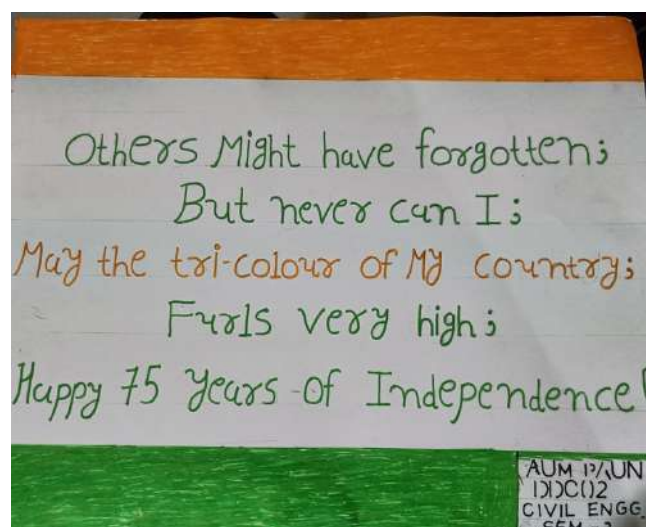
Judges : Prof. Manju Khuti and Prof. Hetal Dalal



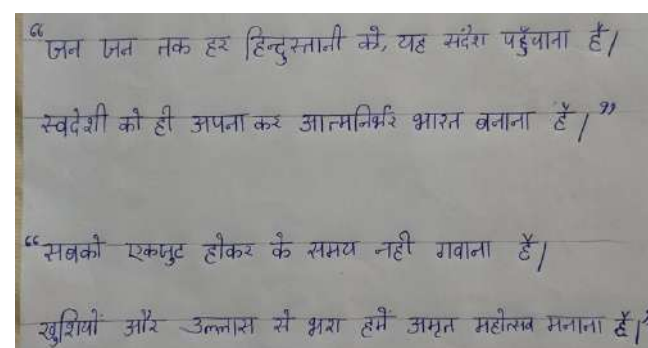
1st Rank: DOSHI BAHVYA RAKESHBHAI



2nd Rank: KANCHVA SATYAPALSINH BHAR-
ATSINH



3rd Rank: AUM PAUN



3rd Rank: SHAH DIVYANSHU DILIP

Dance Competition:

Date : 7th September, 2021 to 22nd September, 2021

Coordinators : Prof. H. N. Dalal and Prof. K. G. Nandaniya.

Participants: 15 students

Judges : Prof. Krunali Savaliya and Prof. Megha Patel



1st Rank : BHATT DEVANSHI KANTILAL



2nd Rank: HERMA JINAL VIJAYBHAI



3rd Rank: PRABHANSHU ABROL

GIF Creativity Competition:

Date : 15th September, 2021 to 20th September, 2021

Coordinators : Prof. H. M. Rathod.

Participants: 37 students

Judges : Prof. Chintan Varnagar and Prof. Shyam Kotecha

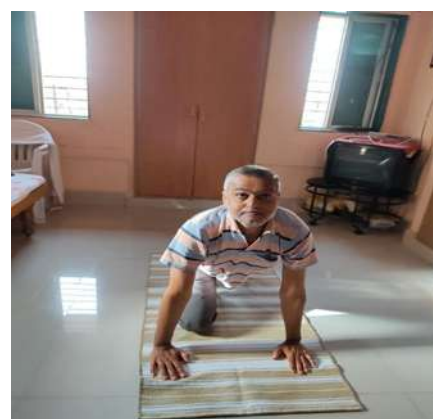
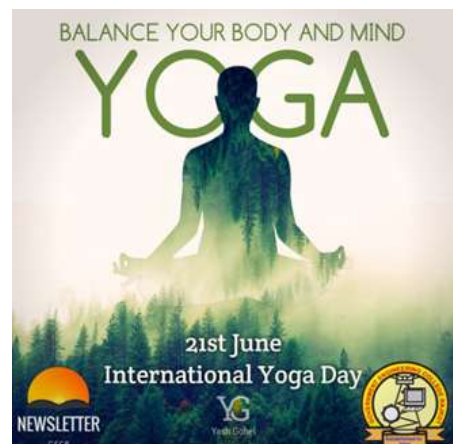
1st Rank: RITIK SINGH

2nd Rank : VIVEK BADARSHAHI

3rd Rank : JEEL RUPAPARA

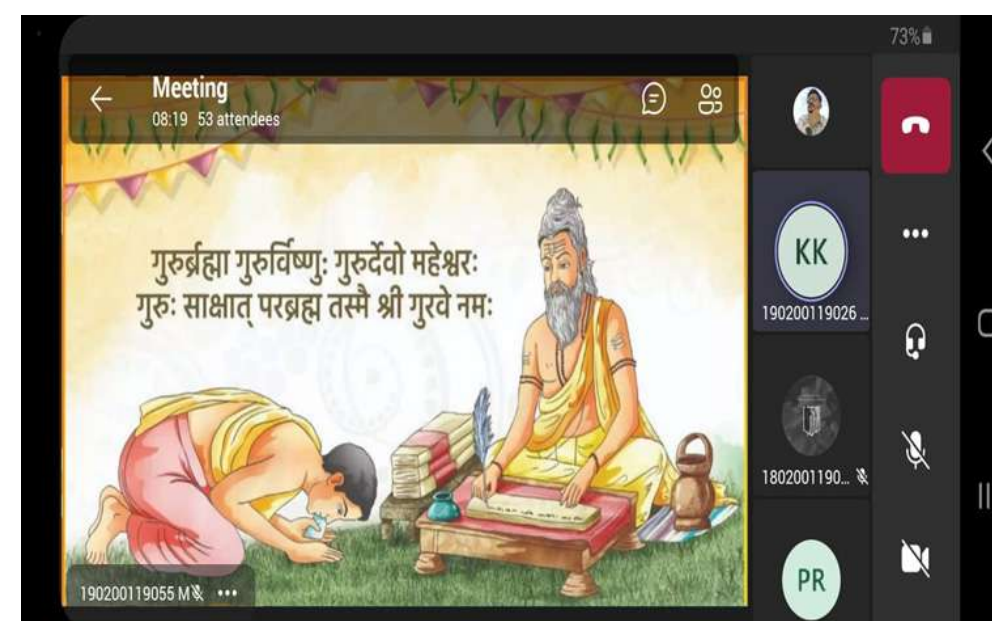
Cultural Club Event: INTERNATIONAL YOGA DAY CELEBRATION

The 7th International Yoga Day was virtually celebrated by Government Engineering College, Rajkot on 21st June 2021 jointly with 'Life Health & wellness Centre, Rajkot and Gujarat Technological University, Ahmedabad. All the faculty members, other staff and students were invited to take part in the event. From Project Life organization, Rajkot, a team of two yoga instructors, Ms. Urvi Pandya and Mrs. Sejal Darji have provided guidance online. The yoga day was celebrated as per guidelines of Common Yoga Day Protocol decided by Ministry of Ayush. Each stakeholder of the institute has enthusiastically taken part in the yoga day celebration from Home. Faculties of GEC Rajkot participated in Yoga organised by LIFE as well as GTU through facebook live. Faculties and students also attended online webinar on how to live with health, wealth and happiness on the topic “ભારતીય યોગ અને આયુર્વેદ જીવનશૈલી નો પરિચય” Webinar was delivered by Shree Ketan D Patel, Principal, Government Polytechnic, Waghai and live streamed on YouTube channel of GEC Rajkot. It was decided to plant about 100 trees in the campus with a drip irrigation facility during 21st to 25th June 2021. All the faculties, security and housekeeping staff will contribute for tree plantation activities. On the Yoga day, Meditation center (ધ્યાન કેન્દ્ર) is inaugurated for faculties and students so that as and when they are free or feeling stress, they can use this center for meditation and stress relief to increase their efficiency. All these activities are widely published using social media platform. Few photographs are attached with this.



Cultural Club organized Constitution Day Celebration

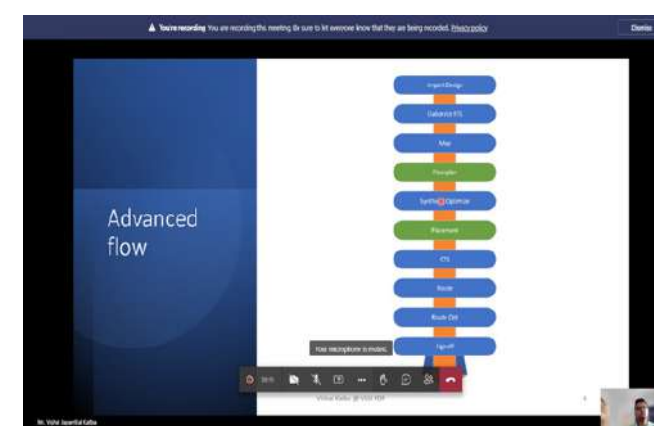
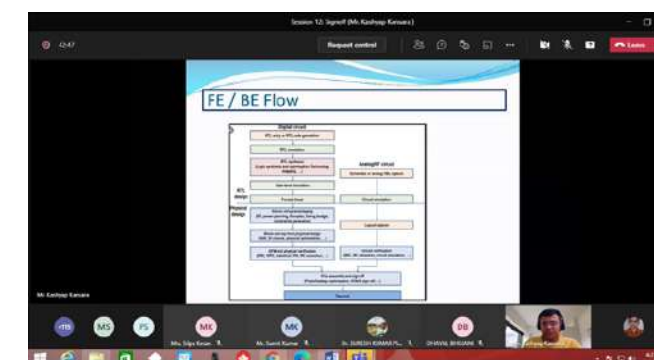
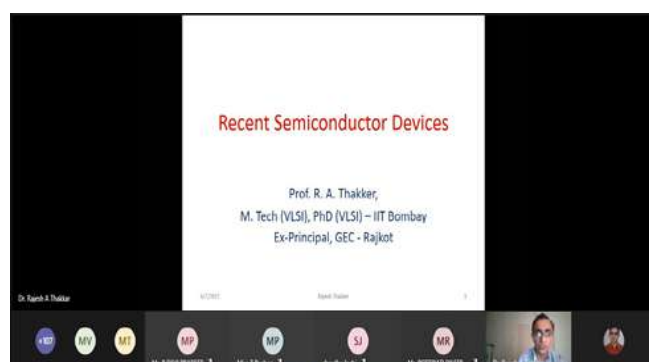
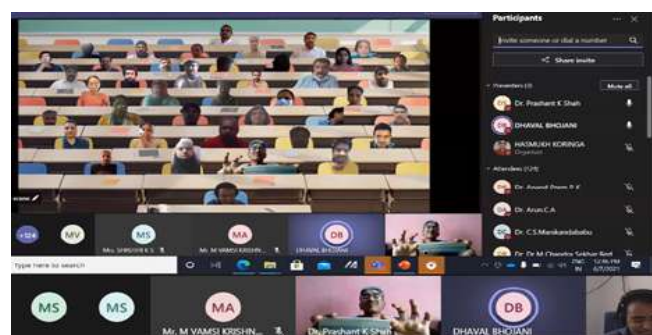
Government Engineering College, Rajkot has successfully celebrated Constitution day. GECR has conducted several events to spread awareness of the Constitution day and preamble of India, i.e. Preamble of the constitute of India is displayed on the leading page of the official website of institute, #SamvidhanDivas etc. Many students along with faculty members have join through virtual platform the reading of Preamble with Honourable Prime minister at 11:00 AM, 26th November, 2021. The event made successful by students and faculties by sharing images on social media.



ATAL Online FDP on "VLSI Design Verification and Testing" organized by EC Department GEC Rajkot

EC Department, Government Engineering College, Rajkot organized an ATAL online Faculty Development Program on "VLSI Design Verification and Testing" during 7th to 11th June, 2021. Total 200 faculties (Diploma and Degree Institutes) from 24 states of India participated in the training program. Dr. Hasmukh P Koringa, faculty EC Department had coordinated this FDP.

Currently VLSI domain is booming due to demand of System on Chip and has very good opportunities for job. Same way it also have lots of challenges in VLSI design to scope up fast technological change. Intention of training was to bridge gap between academic and industry by providing training on industrial approach of VLSI design. Experts were from different MNC like Intel, Broadcom and Mentor Graphics companies and imminent academicians. Ultimately knowledge had transferred to large number of participants through these trained professors and it will be increased employability in students. This faculty development program will add one feather in to make our nation from developing to developed country.



NSS Committee Organized : Essay Competition

NSS Committee , GEC Rajkot organized an Essay Writing Competition on the theme "Tribute to Freedom Fighters" as a part of celebration of “સદભાવના દિવસ” during 08-Sep-2021 to 20-Sep-2021. Total 42 students participated in the event. **Prof. Trupti M. Kodinariya** and **Prof. Sheetal J. Nagar** coordinated the event. Students showcased the endeavor to get the freedom by the freedom fighters of India. Through essay, students exhibited that we got freedom after a lot of sacrifice of our Freedom Fighters. Every participant focused on the struggleful journey of the great freedom fighters. Mr. Dhaivat Shukla Judged the entries.

Winners

SR.	Student Name	Semester and Branch
1	Kanak Pinakin Arya	3rd Sem Computer Engineering
2	Akshay Pravinbhai Visapara	3rd Sem Electrical Engineering
3	Umang Dineshbhai Savaliya	3rd Sem Computer Engineering

"पेरणा सहीसो में हम नहीं लगे,
 आँखों की पूजा हम नहीं करेंगे,
 तो यह मानो बीरता निश ही जाहगी ॥"

दोनों के बिंदों का प्रानता आवे, इस विशाल भावन को लूटा,
 लौटा, जलवा, निर्दयतापूर्वक नरेश्वर किया और लेश्वर चले
 गये। कभी चुपाने, कभी हूण, कभी शका, कभी फान आवे, वे
 आते रहे और चले रहे।

फिर, चार हजार मील दूर से चलकर लुईशिर
 अंग्रेजों के और तीस कोष्ठ भारतीयों को लुप्त बना लिया। जब
 भी किसी ने आजादी की बात की तो उनका गिर धड़ के अण्ड पर
 दिया गया, किसी को नदानी पर, किसी को नोबरो पर जैसी भी
 तो किसी को हाथों के कुचकाया। फिर से दूर, अर्धशर के
 अर्धशर खानदार से गले ताँक लेज आजादी की इका करणे
 हुए भी नाप जाये, आजादी प्राप्त करने का प्रयत्न तो इस बड़ा।

नही एक और भाजीय जाति आति अहिंसावाद के
 पचार - प्रभल के वायर और दब बन गयी थी नही व्याप-
 माय ज्वाले, फूट, डेय - देष, देशभक्ति का अकान, जहरी, उजान
 आधीमास, व्यापिक अभिभव, प्रेपान आदि दुर्गो ने इसे
 व्योम्बान बना दिया था।

किन्तु फिर भी इस देश में कुछ देशभक्त, स्वतंत्रतापिय
 बड़ा, लोखी, बीर और वीरगताह, नना - महात्मा
 महाफुम लज लेने रहे हैं जो अभय अभय पर देश और
 आजादी की लड़ा के लिए युजने रहे हैं। इस लक्ष्य में हमारे
 भाताओं ने अपने ब्याल लुटाये हैं।

सहीसों की चिताओं पर जगेगे हर बरस जेले।
 जान पर मरने वाले का यही अपना निश होगा ॥

Tribute to
Freedom Fighters

'आजादी' केहने के लिए होला बाढ़ है लेकिन हज
लाह के मईहें लिह केहें लोगो ने अपनी जिंदगी दाप पर
लगाई है। महात्मा गान्धी, जवाहरलाल नेहरू, अरदास पौल,
छातसिंह, रानी लक्ष्मीबाई, राजगुरु, भुवधरपुर, चंदबन्धन आजाद,
इत्यादि तो जैफल कुहा नाम है, निहें आज अपने दुनिया जानती
है लेकिन आजादी की उस लड़ाई में कइ नाम ऐसे भी हैं
जिनके दुनिया जानती तक नहीं। हमें आजादी केई एक इंसान
या फिर केई बगान ने नही दिया, हमें आजादी किसी अममें
हर एक अत्यंतला खेनानी का अइम योदान है।

होड़ा तुने घर छोड़ा तुने परिवार है,
सबे पावाल, तू कैसा इंसान है।
होड़ दिह अपने सबे छोड़ी तुने जपानी है,
सबे पावाल, तू कैसा इंसान है।
ना ठिगना ना प्यार ना पकती है,
सबे पावाल, तू कैसा इंसान है।
पाते झुकक ये अगतसिंह देते उपच है,
इकलाफ मेरो प्यारन और आजादी मेरी कहानी है।

आगत जब गुलाम था तब आजादी के लिए आगत के
अत्यंतला खेनानीमें के पास दो बखते थे: हिंसा और अहिंसा।
महात्मा गान्धी और कई अत्यंतला खेनानीमें ने अहिंसा का मार्ग
पसंद किया जपान छातसिंह और उनके जैसे कई अत्यंतला
खेनानीमें ने हिंसा का मार्ग पसंद किया। हिंसा के मार्ग पर
आगत जो आजादी ले नहीं मिली परंतु उनके मजबूत हथों ने
आजादी के ये नैष्क्य करा दिया था कि ये जगह दिन आगत
पर वजन नहीं कर पायेंगे। अत्यंत और अहिंसा के पथ पर चलकर
आगत जो आजादी मिली, जिसके लिए हम हमेशा महात्मा गान्धी
के शरणों रहेंगे।

Library Organized Virtual Poster Making Competition

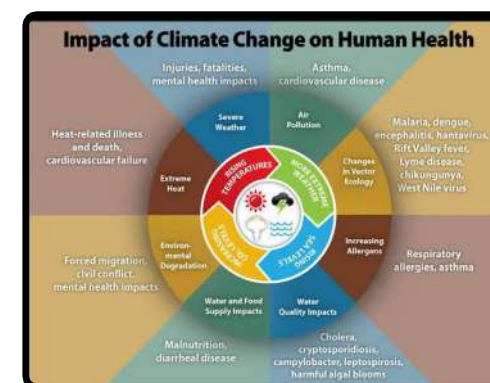
The library department of GEC Rajkot organized a "Virtual Poster Making Competition" at the occasion of "Azadi Ka Amrit Mahotsav" from 1st to 10th September 2021. This competition is organized at the college level and more than 80 students have participated in the competition. The competition was conducted in two categories: Digital as well as Non-Digital Mode. There are various themes for the competition like Natural Carnival- walk through nature, Living to the fullest, Post Covid-19: Future directions, Engineering for a healthy planet, Global warming, Azadi Ka Amrut Mahotsav - Freedom Fighter. The top 3 winners of the competition have been awarded Pendrives.

Poster of Winners

- **Digital Posters:**



Jadav Abhishek
Sem - 3
Computer Dep.



2 Jaydev Mori
Sem - 3
Computer Dep.



Dipa Andani
Sem - 7
EC Dep.

- **Non - digital Posters:**



Krishna Parmar
Sem - 3
Electrical Dep.



Abdullah Malek
Sem - 5
Computer Dep.



Madhav Jajal
Sem - 5
Computer Dep.



Tarpada Esha
Sem - 3
Computer Dep.

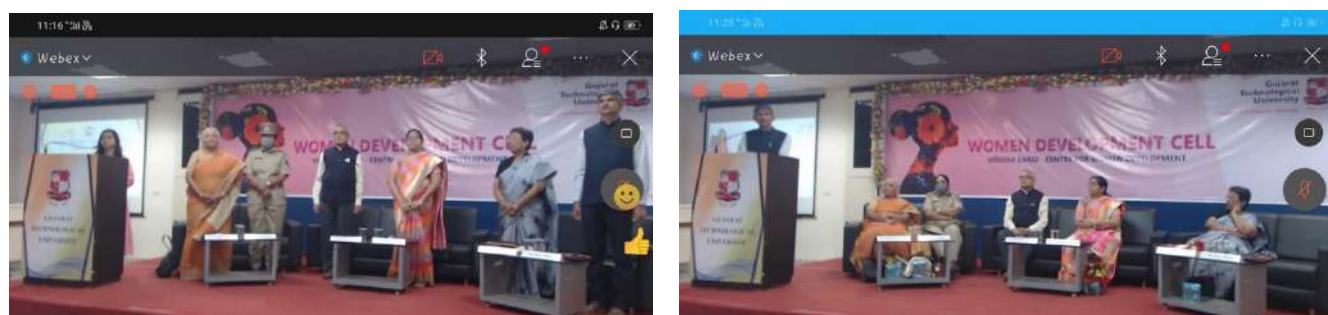
Seminar of Legal Awareness for Women Related Laws

Gujarat Technology University under Vishudhi Gargi, centre for women development in association with Gujarat State Commission for Women, Gandhinagar has organized interactive Online One day seminar on "Legal Awareness for Women Related Laws" on 28th October 2021. GTU vice chancellor Dr. Navin Sheth and registrar Dr. K. N. Kher graced the event. Staff and students of GEC Rajkot attended the seminar. Women Development Cell – GEC Rajkot encouraged students and participants to attend the program and motivated girls to be bold and confident, Instead of thinking about social perspective she should think of self –respect.

The main objectives of the event were to provide information and knowledge of laws related to women, legal rights and duties. And to inspire a whole generation of women to work together towards achieving equality and justice.

Following topics were discussed during the seminar

1. Hindu marriage Act and law of maintenance for women.
2. Indian Pinal Code Section 498 and 376.
3. Nari adalat and Mahila police station.
4. Mahila Ayog.
5. Laws of marriage and divorce.
6. Government schemes for women.
7. Problems of Indian women residing in foreign countries.
8. Financial aid to women for higher studies and business ventures.
9. Importance of defense techniques.
10. Work done by PrimeMinister Shree Narendrabhai Modi for women empowerment and their safety.
11. Judicial and legal powers of women and made them aware regarding lodging of FIR and other complaints.



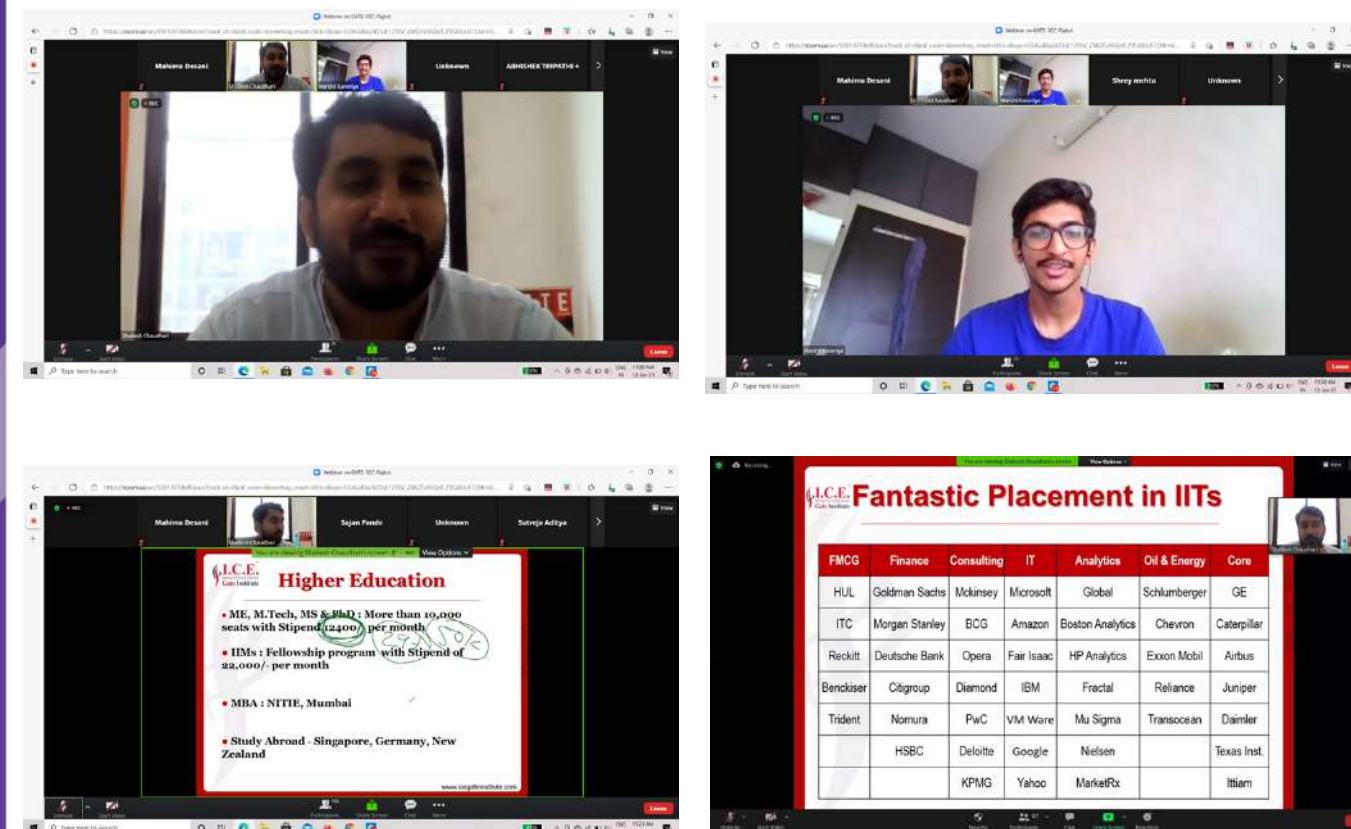
Student Clubs Organized Webinar on "Career with GATE"

Students Club – GEC, Rajkot organized a Webinar on "Career opportunities with GATE" in collaboration with ICE GATE Institute on 12th May,2021. Mr. Shailesh Chaudhari (Corporate Trainer) shared his expertise with participants. Mr. Harshil Kaneria hosted the event. Total 200 students registered and more than 110 students participated for the event.

The expert started the webinar with the advise to listen one's inner voice and make decision by our own and then explained different career opportunities like higher education (MBA, ME, M.Tech, MS, PhD), Private sector jobs and Public sector jobs. He also shared knowledge about Government and private companies and their packages. He indicated top colleges and universities in India and their placement records. He also gave some basic information about abroad studies. He focused on the benefits of GATE exam, format of GATE exam and question pattern. After that he gave some tips to crack GATE in easy way. At last questioner session was there. Speaker has answered all the queries from the participants. Overall the session was very informative and students got proper guideline to choose their career option. All the Attendees of the Webinar have Information booklet, subjects weight analysis, GATE brochure, PSUs list and many more important Content.

Webinar Highlights

- New changes in GATE exam and it's importance
- How to Get IISc/IITs/IIITs/NITs and other Reputed Uni. only Masters?
- What is stipend for M Tech and how will get it?
- How to crack PSUs and Government jobs with GATE exam?
- What is iPAT & other Job opportunities with Engineering?
- How to get Internships?



Student Clubs- GEC, Rajkot organized a Webinar On "Way to IIT with Magic Math"

GATE club, GEC Rajkot organized an online webinar on "Way to IIT with Magic Math" in collaborating with The GATE Academy on 24th July, 2021. Expert Mr. Hardik Kapadia shared his expertise with participants. 134 students registered and 73 students participated for the event. The focus of the event was to guide students how to solve Math questions in GATE and other competitive exams (as well as in job tests). All the Attendees of the Webinar received Information booklet, subject weight analysis, GATE brochure, PSUs list. At last discussion session was there to solve queries of participants. Prof. Jay Pandya coordinated the event.

Webinar Highlights

- Job options after IITs
- Math questions asked in GATE
- Math shortcuts
- Weight of Math in other subjects

Student Clubs Organized Awareness Session on "AICTE NPTEL Portal for GATE Aspirants"

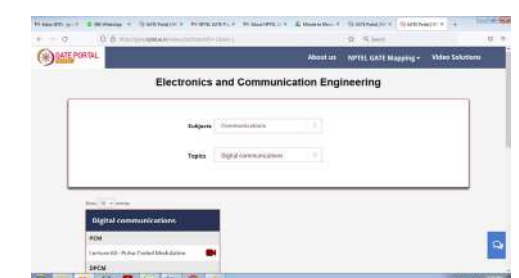
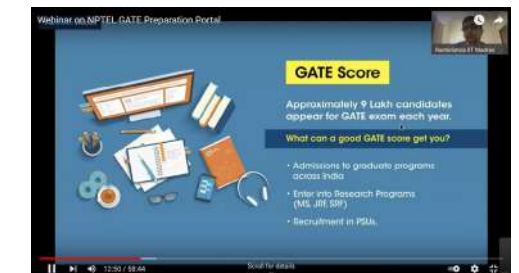
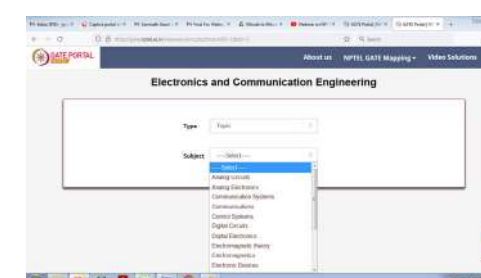
An webinar was arranged for GATE-2022 aspirants to aware them about newly launched NPTEL GATE preparation portal. AICTE - NPTEL has launched the portal to help the GATE aspirants.

The Objectives of the portal:

- Enable access to high quality NPTEL lecture content covering the entire GATE syllabus.
- Provide detailed video solutions of previous GATE papers.
- Online assessment using a comprehensive question bank.
- Personalized feedback.

Steps to utilize the GATE preparation platform:

- Open <https://gate.nptel.ac.in/>
- Click on "GATE Syllabus Videos" for understanding the concepts
- Select your branch for eg. Electronics & Communication
- Select Subject for eg. "Communication Systems" and a topic for eg. "Digital Communication".
- You will find GATE syllabus wise video lectures (from eminent teachers)
- Click on "GATE Video Solutions" for understanding the solutions of previous year GATE papers
- Select your branch for eg. "Mechanical"
- You can find solutions yearwise or topicwise. Select as per your requirement.
- You will find solutions of the GATE questions



SSIP, IIC and IEI Student Chapter organized Logo Competition Sponsored by Alumni Association - GEC, Rajkot

Under Student Start up and Incubation Policy(SSIP),IIC and IEI Students' Chapter Government Engineering College, Rajkot have conducted a Logo Competition for the current & passout students of Government Engineering College Rajkot.

Total 101 current and passout students of Government Engineering College, Rajkot took part in the said competition. The winners were awarded during the prize distribution ceremony, organized at A. V. Parekh Technical Institute-Rajkot. All the prizes were sponsored by the Alumni Association of GEC, Rajkot (AAG).

Webinar Highlights

- Job options after IITs
- Math questions asked in GATE
- Math shortcuts
- Weight of Math in other subjects

Event Coordinator : Prof. Prashant Maheta.

Judge Panel : Prof. C.S.Thaker,
Prof. K.Rathod,
Prof. A.M.Joshi,
Prof. P.I.Bhatt,
Prof. Jay Pandya

Winners :

1st Rank - Bhavin Dhandhukiya

Runners Up 1 - Gohel Yash J.,
Shekh Riyaz R.

Runners Up 2 - Kayada Krinsi A.
With Logo



1st Rank



Runners Up 1



Runners Up 1



Runners Up 2



Decode Codechef (An Event to Introduce CodeChef)

Decode Codechef is the Introduction Event of a new team and a splashback of activities done by the previous team. The event was held online on 8th September, 2021 during 10:00 am to 11:30am. Total 175 students registered for the event and more than 120 students attended the event actively. Intended outcome behind organizing this event was to introduce CodeChef and college chapters to the students and to guide them on how to use CodeChef efficiently and how to start their CP journey with CodeChef.

As an outcome of this event, many new members joined the chapter and the CodeChef team has received very good response. The President has built the discord server that can help this community to grow, so the team launched the server after this event. Participants shared their views to improve the working process of the group.

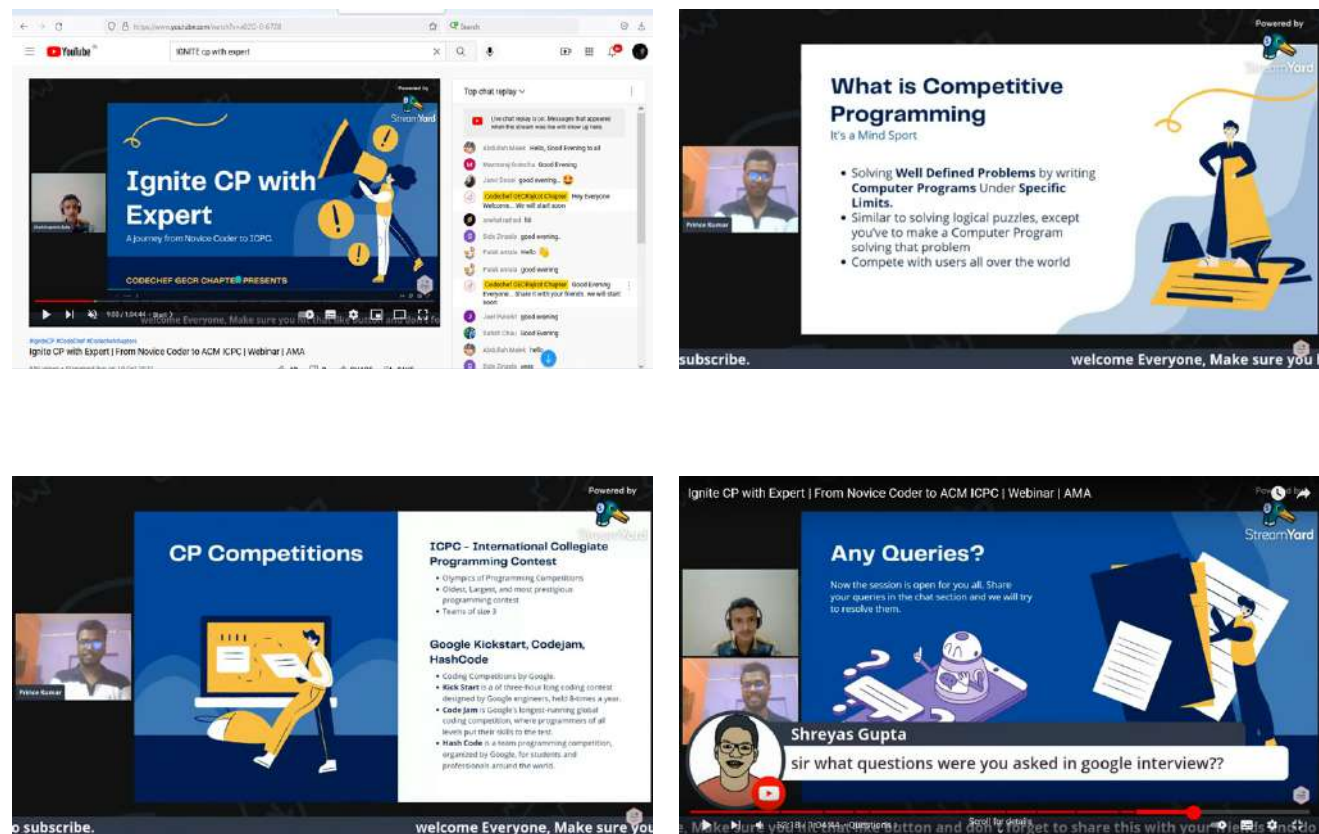




Expert Session by CodeChef – GEC,Rajkot Ignite Competitive Programming (CP) with Expert

The CodeChef – GEC Rajkot organized an expert session on "Ignite CP with Expert " on 10th October, 2021 during 5:00pm to 6:00pm. Expert Mr.Prince Kumar (IIITA'23 Codeforces(2046)) , SWE Intern at Google shared his views with the participants. The main goal of the event was to make students aware of Competitive Programming (CP), to introduce them to CP, to make them aware about its benefits, and how CP is beneficial in their career, and to introduce them to the various CP contests happening around the world.

More than 100 students from over 13 colleges all over India have joined the sessions. Many of them were not aware of the ongoing CP competitions like ACM-ICPC, CodeChef SnackDown, Facebook hacker Cup etc. Through this session, they got to know a lot about such contests, many of them learned how to use CodeChef for CP and how to start their CP journey.



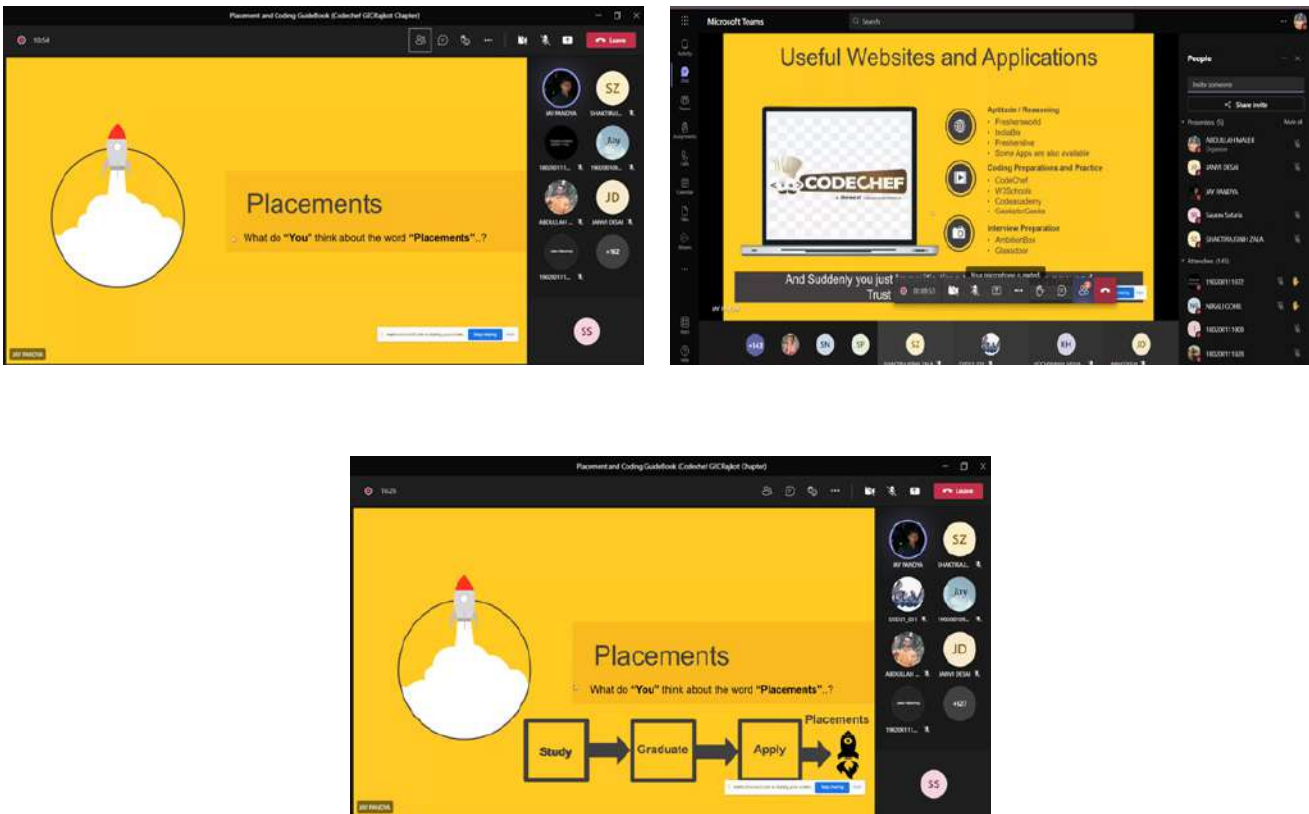


Expert Session by CodeChef: Placement & Coding Guide-Book

The CodeChef – GEC, Rajkot organized an expert session "Placement and Coding Guide Book" on 30th October 2021 to make students aware about placement procedure and industry requirements for getting a job as a fresher candidate. The team invited Prof. Jay Pandya, former Placement Convener of the institute to share his views and to highlight the Roadmap to crack interview process of MNCs and to guide the participants about common placement procedure. Total 230 students registered for the event and more than 180 students attended the session actively.

The main focus of the event was to create awareness regarding on-campus and off-campus placements, and what are procedures for on-campus placements, and to inform students how to start preparing for placements and the role of coding and CP in placements. Apart from this, for newcomers (First Year) the team showcased how they can improve problem solving skills and practice coding problems.

Participants got exposure to the placement procedure and had the awareness about coding and Competitive Programming.



Unveiling of 'Succession List of Principals' & 'Students' Ranker Board - Topper's List'

Alumni Association of GEC, Rajkot (AAG) has donated the 'Succession List of Principals' & 'Students' Ranker Board - TOPPER'S LIST' to each department of GEC Rajkot as a Small Contribution from AAG to its Alma Mater. The unveiling ceremony of the boards was held on 26th October 2021, Tuesday, in the presence of Principal Sir, All Head of the Departments and Faculty and Staff Members.



The Unveiling of 'Succession List of Principal at Principal office



The Unveiling of 'Succession List of 'Students' Ranker Board - TOPPER'S LIST' at Electronics & Communication Department



The Unveiling of 'Succession List of 'Students' Ranker Board - TOPPER'S LIST' at Instrumentation & Control Department



The Unveiling of 'Succession List of 'Students' Ranker Board - TOPPER'S LIST' at Civil Department



The Unveiling of 'Succession List of 'Students' Ranker Board - TOPPER'S LIST' at Electrical Department



The Unveiling of 'Succession List of 'Students' Ranker Board - TOPPER'S LIST' at Mechanical Department



The Unveiling of 'Succession List of 'Students' Ranker Board - TOPPER'S LIST' at Automobile Department



The Unveiling of 'Succession List of 'Students' Ranker Board - TOPPER'S LIST' at Computer Department



Government Engineering College Rajkot

Virtual Lab Brief Report

Virtual lab is national level MHRD funding project coordinate by the various IITs. Our college is one of the nodal centers of virtual lab coordinating with IIT Bombay. We have conducted various workshops for the staffs and students at our college and also for the out-reach. Through the virtual lab our students can perform various subject experiments as well as they can implement their innovative ideas using facility created by IITs. Our students are extensively using different Virtual laboratories developed by different IITs to enhance their practical knowledge.

Objective: To enhance practical knowledge of the students by using virtual lab of the different subjects developed by IITs.

Government Engineering College Rajkot

Head of Institute: Dr. C. H. Vithalani

Nodal Coordinator: Dr. Hasmukh P Koringa

Nodal Technical Coordinator: Prof. Trupti M Kodinariya

No. of different experiments performed by different department in 2020:

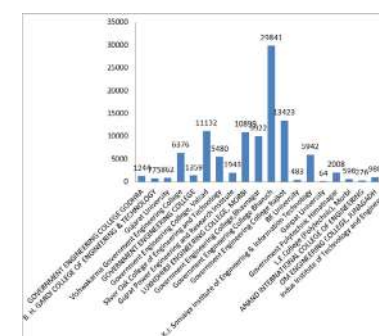
Sr.No.	Department Name	Experiments
1	Computer Engineering	48
2	EC	39
3	IC	6
4	Civil	18
5	Mech./Auto	8
6	Electrical	6
7	General	7

Conducted Workshops in 2020:

Sr.No.	Date	Department	Total User	Total Usages
1	15/2/2020	EC	12	91
2	3/3/2020	Computer	15	120
3	5/3/2020	Computer	15	153
4	18/3/2020	EC	69	484
5	19/3/2020	Civil	29	294
6	20/3/2020	Civil	44	181
7	4/4/2020	Computer	52	526
8	31/7/2020	Computer	26	121
9	6/8/2020	Computer	18	84
10	17/8/2020	Computer	37	186
11	19/8/2020	Computer	37	167
12	11/9/2020	Civil	32	184
13	16/9/2020	Computer	52	508
14	18/9/2020	Computer	51	501

15	19/9/2020	Electrical	48	564
16	5/10/2020	EC	56	709
17	8/10/2020	EC	44	518
18	14/10/2020	Computer	60	323
19	15/10/2020	Mech/Auto	62	648
20	17/10/2020	EC/Electrical	78	615
21	20/10/2020	Auto/mech	31	297
22	27/10/2020	Mechanical	50	76
23	6/11/2020	Auto/Mech	75	317
24	8/12/2020	General	243	1627
25	9/12/2020	General	236	1717
26	10/12/2020	General	201	548
Total Usage:				13423

State Level Vlab Utilization in year 2020 chart



Achievement: In terms of vlab usage our institute is **first rank in Govt. Institutes of Gujarat, second rank in all institutes of state and 7th position in overall Nation.**

Year wise Vlab. Utilization

Sr.No.	Year	Vlab. Usage*
1	2018	8295
2	2019	8787
3	2020	13465

*vlab. usage is count based on per student per experiment perform

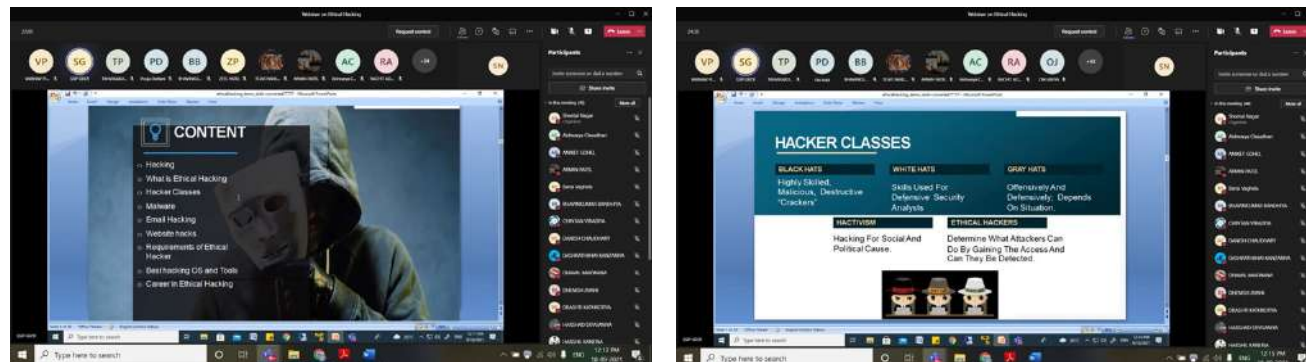
Committee

Sr.No.	Name
1	Prof. S. B. Parmar- Head Academic
2	Prof. H. P. Koringa- Nodal Coordinator Virtual lab.
3	Prof. T. M. Kodinariya- Technical coordinator Virtual lan and Member (CE)
4	Prof. M. J . Patel- Member (EC)
5	Prof. P R Basia- Member (Mech)
6	Prof. K D Chothari- Member (Auto)
7	Prof. D. K. Chotaliya- Member (IC)
8	Prof. S. S. Chourushi- Member (Civil)
9	Prof. K KDudani- Member (Ele.)
10	Prof. D . N. Panchotia- Member (General)

Computer Engineering Department Organized A Webinar on "Ethical Hacking"

Computer Department, GEC Rajkot organized a webinar on "Ethical Hacking" on 18th September, 2021. The objective of the webinar was to enhance the knowledge and bring awareness about cyber security and ethical hacking among the students and to gain the knowledge about best hacking operating systems and tools and also to make students aware about career opportunities in Ethical Hacking. **Mr. Mohammad Farook Pathan**, Sr. Hardware and Networking Trainer, Tops Technologies, Ahmedabad shared his expertise with participants. **Prof. Sheetal J. Nagar** coordinated the event. 60 students participated the event.

At the end of webinar, participants understood about the importance of cyber security, types of hackers and types of cyber security attacks. They gained the knowledge about the tools available for ethical hacking and also observed the demonstration of the sample ethical hacking explained by the expert.



Civil Department organized a Webinar on "Smart Marine Technology"

The Indian Institute of Technology Madras (IIT-M) has announced the launch of a new webinar series from 1/7/21 to showcase its research initiatives to the scientific community. The objective of the IIT Madras Research Initiatives Spotlight (IRIS) series is to highlight the institute's major research projects over the next five years that place IIT-M on the global map in several emerging areas. The outcomes envisaged from IRIS include creating awareness in the scientific community regarding the research landscape at IIT Madras.

An online webinar on Smart Marine Technology was organised by IIT Madras as a part of webinar series. Students of B E Civil sem VII of GEC Rajkot was instructed to attend the webinar. Details of the webinar was as follows:

Title: Smart Marine Technology

Date: 29/7/2021.

Time: 5.45 pm onwards.

Venue: Online mode using Zoom platform.

No. of participants: Approx 38 (Students of Civil Engg, GEC, Rajkot.)

Speaker: Prof. K. Murali is HOD, Department of Ocean Engineering and also Professor in-charge National Technology Centre for Ports Waterways and Coast (NTCPWC), Indian Institute of Technology, Madras.

Some of the points discussed in this webinar were as under:

- Hydrodynamics of floating breakwaters
- Coastal and Ocean Hydrodynamics
- Sediment transport & Dredging
- General free-surface flows
- Wave hydrodynamics
- Wind-wave modelling
- Coastal erosion and protection.
- Maritime digitisation
- Smart sensing and communication
- Next generation smart ports and navigation

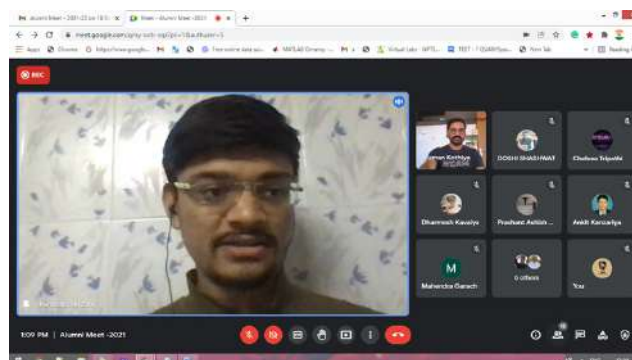
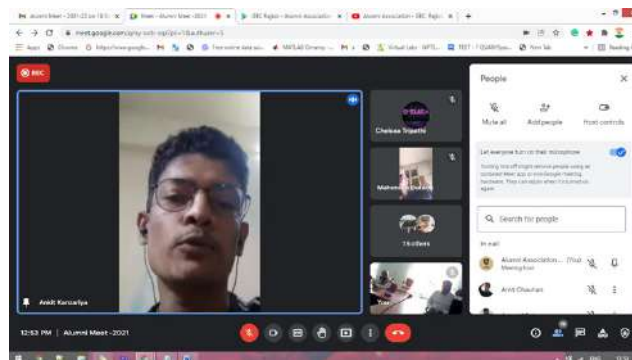
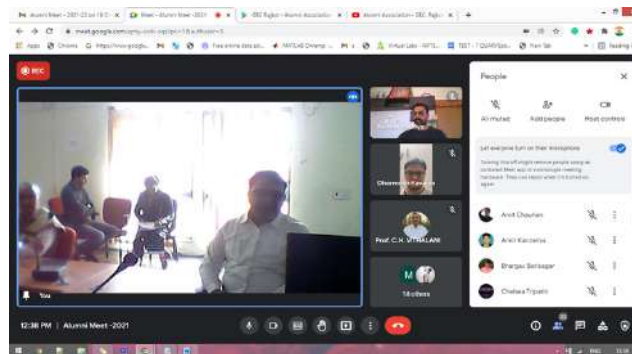
Open session was kept for discussion. Faculties and students of different institutes have interacted with speaker and asked their queries.

At the end the programme was concluded by vote of thanks. Prof. A.M.Joshi coordinated the event.



Alumni Meet - 2021

The 4th official Alumni meet of GEC, Rajkot was organized by Alumni Association on 18th December, 2021. The meet commenced with the welcome address by the Principal, Dr. C. H. Vithalani. He communicated the importance of alumni association in professional courses and prompted all to get connected through AAG android application. Alumni from all branches took part in the meet in major count. The entire session remained quite interactive with alumni interacting with each other and sharing their experiences. The meet got conducted on Google meet platform.



EC DEPARTMENT ORGANIZED AN INDUSTRIAL VISIT AT ARCHANA AUTOMATION, RAJKOT

Electronics & Communication Department, GEC Rajkot organized an industrial visit at Archana Automation, Rajkot. Total 25 students along with Principal Dr. C.H.Vithalani, Head of Department Prof. S.B.Parmar and Convener Placements – Dr. H. P. Koringa visited the industry. **Mr. Mahesh Vyas** shared his expertise with the students and explained the production flow.



Aarohi Embedded Systems, Rajkot and SSIP – GEC Rajkot Organized Ideathon 2021

The event was launched in the month of December 2020. We have received entries from entire India until 14th February, 2021. Out of all received entries the industry and institute experts scrutinized 31 entries for the first round. The first round presentation was held online on the date 20th February, 2021. There were two streams defined as hardware and software. After first scrutiny round 17 finalists are identified for the Hackday. They were mentored and supported by institute and industry regularly up to final Hackday.

The final Hackday was organized at institute on 30th and 31st July, 2021 following all the covid guidelines. After two days of presentation in front of Industry experts and institute professors the result was declared.

Three teams were declared as winner and they were awarded with prize money of 40,000 20,000 and 10,000 respectively for 1st, 2nd and 3rd rank. The result is attached here with.

The event was coordinated by **Prof. Dhaval Bhojani** and **Prof. Prashant Maheta** under **SSIP** of institute. The event was sponsored by **Aarohi Embedded System, Rajkot**

2nd Rank Geometry with AR <ul style="list-style-type: none"> Bhargav Garnara, Vinay Chauhan, Vijay Odedara, Dhara Ghedia R K University 	1st Rank Smart Industry based on IoT & AI <ul style="list-style-type: none"> Bhargav Naria, Sharvil Zalawadia BVM Engineering College 	3rd Rank Smartphone Multimeter <ul style="list-style-type: none"> Hardik Seta, Vikash Shah, Vaibhavi Shingala Government Engineering College, Rajkot
2	1	3



A Significant Step towards Grooming Finishing School Training Programme

Finishing School is a Gujarat Government funded initiative run by Knowledge Consortium of Gujarat for the grooming of the final and pre-final year graduate students. The project facilitates the placement of students by providing training in the chosen areas: Life & Employability Skills (40 Hours) and Functional English Skills (40 Hours). Total 80 hours training is given to the registered students of multiple branches in four different time slots by the empanelled trainers.

- Three more batches were launched during August 2021 for the Finishing School Training Programme. Training details are as follows:

(1) Batch - III

Component: Set – A & C: Life & Employability Skills

Trainer: Ms Supreeti Negi

Duration: 3/8/2021 to 7/8/2021 & 9/8/2021 to 13/8/2021

Days: 5 + 5

Hours: 20 + 20

Beneficiaries: 33 students (All branches)

Mode of Training: Online (Microsoft Teams)

(2) Batch - IV

Component: Set – A & C: Life & Employability Skills

Trainer: Mr Shorab Negi

Duration: 6/8/2021 to 10/8/2021 & 11/8/2021 to 15/8/2021

Days: 5 + 5

Hours: 20 + 20

Beneficiaries: 31 students (All branches)

Mode of Training: Online (Microsoft Teams)

(3) Batch - V

- Component:** Set – A: Life & Employability Skills

Trainer: Ms Megha Antani

Duration: 9/8/2021 to 13/8/2021

Days: 5

Hours: 20

Beneficiaries: 34 students (All branches)

Mode of Training: Online (MS Teams)

- Component:** Set – C: Life & Employability Skills

Trainer: Mr Shorab Negi

Duration: 20/9/2021 to 24/9/2021

Days: 5

Hours: 20

Beneficiaries: 28 students (All branches)

Mode of Training: Online (Microsoft Teams)

Saksham Event in Association with Indian Institute of Technology, Bombay (IITB)

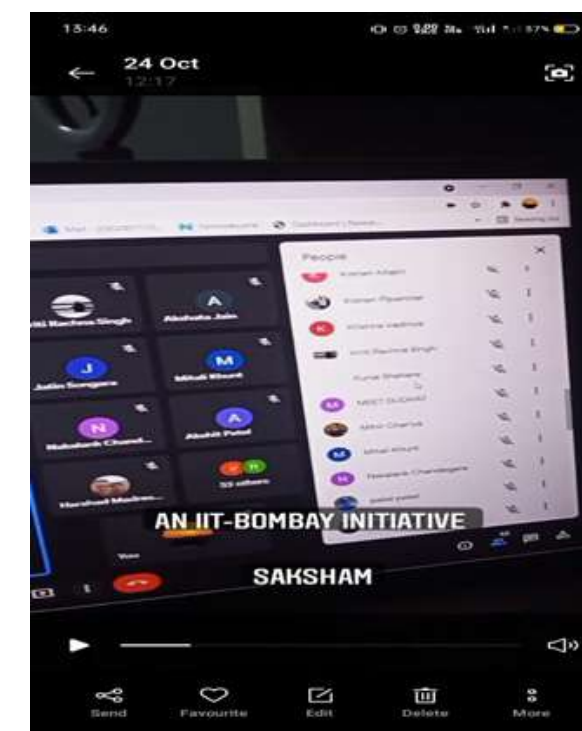
Saksham, an Initiative by Techfest, IIT Bombay, Asia's Largest Science & Technology Festival, aims to support and introduce healthy individuals and physically challenged people to new technologies for their betterment. It focuses on spreading awareness among them regarding the laws and policies which can be used as an aid. If provided with the right support at the right time, disabled people can become the choosers of their destiny, and providing that support is a collective responsibility of all citizens, Government, NGOs, and service providers.

Techfest, in association with major NGOs in India, has launched one of the country's most extensive initiatives to enrich the lives of Persons with Disabilities.

Saksham in Government Engineering College, Rajkot was brought by **Shubham M. Singh (IIT BOMBAY Campus Ambassador)** of EC Dept. under the supervision of **Prof. Jay Pandya**. An Awareness program was held 24th October, 2021 for the students of GECR. More than 100 students participated the event. All the participants were awarded by certificates.

Dr. Hiren Babariya was the speaker for the event and showed us how he is bringing smiles on people's faces that are physically challenged.

It was a great awareness session. Procedures after death is a hard discussion but the guest carried it out very smoothly, taking care of the emotions of the audience. We were told that our contribution towards this planet matters and organ donation is a great way to do that, eye donation is needed in India and the youth of this country is willing to carry forward the good, after me my eyes can bring light to someone and that feeling & sense of service is itself great. Audience was keenly interested, we had a 45 minutes Q&A session in the end that shows that BBDNIIT students have taken the first step. This seminar ended on a great note to serve humanity even after death.



Achievements

- **Government Engineering College Rajkot has secured Four Star Rating** in latest Institute Innovation Council (IIC) Annual Performance (2020-21) for the College and Standalone Institution category. GECR family is congratulating all IIC and SSIP Committee Members for achieving this. Government Engineering College, Rajkot's AISHE Code is C 49

HCID	ASSHC CODE	Institution Name	State	Star Rating
Central CEO				
K201011198	C-0649	Kanya College of Engineering & Technology	Chhattisgarh	4
K201011129	C-1662	Ain Shams Engineering Institute of Professional Management & Technology	Chhattisgarh	4
K201014004	C-0660	A. D. Fark Institute Of Technology	Gujarat	4
K201012745	C-0383	ANANDI ENGINEERING COLLEGE	Gujarat	4
K201013650	C-49	GOVERNMENT PHARMACY COLLEGE	Gujarat	4
K201014535	C-95	DAI INSTITUTE OF TECH & ENG. RESEARCH	Gujarat	4
K201011263	C-0742	Arongpuri Family of Management & Research	Nadaya Pradesh	4
K201012414	C-0909	Arongpuri Institute of Management Studies & Research	Nadaya Pradesh	4
K201012102	C-0456	Arongpuri Institute of Pharmaceutical Education & Research	Nadaya Pradesh	4
K201010832	C-0637	Arongpuri Institute of Technology & Research	Nadaya Pradesh	4
K201012156	C-0675	Arongpuri Institute of Science & Technology	Nadaya Pradesh	4
K201010710	C-0610	ITS Academy Institute of Engineering & Science	Nadaya Pradesh	4
K201017602	C-0626	Original College of Technology	Nadaya Pradesh	4
K201012501	C-0617	Original Institute of Science & Technology	Nadaya Pradesh	4
K201010405	C-0603	Pragati Institute of Longways Management & Research	Nadaya Pradesh	4
K201014144	C-0667	Sree Institute of Research & Technology	Nadaya Pradesh	4
K201012273	C-0620	Sree Institute of Research & Technology	Nadaya Pradesh	4
K201012089	C-0947	Sagar Institute of Science Technology & Research	Nadaya Pradesh	4
K201015549	C-0508	SHRI ANAND INSTITUTE OF PHARMACY	Nadaya Pradesh	4
K201014767	C-0653	Shri Institute of Technology Bhop	Chhattisgarh	4
K201011408	C-1664	Government Engineering Colleges	Chhattisgarh	4
K201010140	S-88	UNIVERSITY OF INDIA	Gujarat	5
K201014015	C-338	Sardar Sarbajit Institute of Technology	Gujarat	5
K201011842	C-08235	Sardar Sarbajit Institute of Computer Technology	Gujarat	5
K201013669	C-1215	GOVERNMENT ENGINEERING COLLEGE,	Gujarat	5
K201011598	C-0598	University of Petroleum & Minerals	Gujarat	5
K201013954	C-135	UNIVERSITY OF ENGINEERING	Gujarat	5
K201010510	C-06385	Government Engineering College	Nadaya Pradesh	5
K201011862	C-0684	Government Engineering College	Nadaya Pradesh	5
K201013659	C-0602	Lakshmi Narain College of Technology	Nadaya Pradesh	5
K201012254	C-06005	Lakshmi Narain College of Technology & Science	Nadaya Pradesh	5
K201012217	C-04482	NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH	Nadaya Pradesh	5
K201011011	C-12167	Pratima Institute of Management, Jaipur	Nadaya Pradesh	5
K201012206	C-04275	Omnia College of Pharmaceutical Education	Nadaya Pradesh	5
K201014591	C-06815	Pharos Institute of Technology and Management	Nadaya Pradesh	5
K201010172	C-05633	Chattisgarh Group Institute of Technology	Chhattisgarh	5

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- The student team of Computer Department, GECR won the 1st Rank in SGH (Smart Gujarat for New India Hackathon) - 2019 in the PSU category. They received the award from honorable Education Minister of Gujarat - Shri Jitubhai Vaghani.

Team Members : Ajay Naqotha, Aman Jhurani, Mukund Kulkarni, Yash Chavda.

The problem statement: Automatic Drive Test Analysis and Report Generation (Given by BSNL). Solution tech stack: Python, React.js, Django



Government Engineering College, Rajkot Campus Recruitment Statistics - Batch 2022

Sr. No.	Name of Company	Selections
1.	Tatvasoft	3
2.	Radixweb	19
3.	Tark	2
4.	Nividata	1
5.	Cybercom Creation	3
6.	RKIT Software	1
7.	IMPEL MOTORS	4
8.	Synoverge	1
9.	Acty System	1
10.	eSparkBiz	3
11.	Weybee	7
12.	TSS Consultancy	2
13.	Volansys	2
14.	Coruscate Ventures Pvt. Ltd.	1
15.	Valens Datalab	3
16.	Shaligram	1
17.	Simform	3
18.	Scanpoint Geomatics Ltd. - Ahmedabad	1
19.	eInfochips (An Arrow Company)	6
20.	Solution Analysts	2
21.	Infostretch	5
22.	GNWebsoft	5
23.	iSmart Solulab LLP	3
24.	inexture	1
25.	Inara Consulatancy	1
26.	Third Rock Techkno LLP	2
27.	eClinicalWorks Ahmedabad	11
28.	Wipro	4
	Total	71

Advisory Committee:

Prof. C.H.Vithalani

Prof. G.J.Vala

Prof. P.P.Rathod

Prof. G.M.Tank

Prof. K.B.Rathod

Prof. C.S.Thaker

Prof. S.B.Parmar

Prof. K.B.Bhoyaniya

Prof. A.M.Joshi

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Dr.Sanghamitra Bhatt (Chief Editor)

Prof. K.B.Vaghela (Member)

Prof. D.K.Chotaliya (Member)

Shri D.V.Shukla (Member)

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Prof. P.R.Raval (Member)

Student Coordinators :

Core Designers:

Anas Majothi (Elec.-6th)

Riyaz Shekh (Elec.-6th)

Social Media Content Creator

Yash Gohel (Elec.-6th)