



Gujarat Technological University Graduate School of Engineering and Technology

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KANASH

Reflection of GTU-GSET Activities



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Various Technical and Non-technical workshops, seminars and faculty development programs have been organized by GTU - Graduate School of Engineering and Technology during the last three months. Some of these programs include:

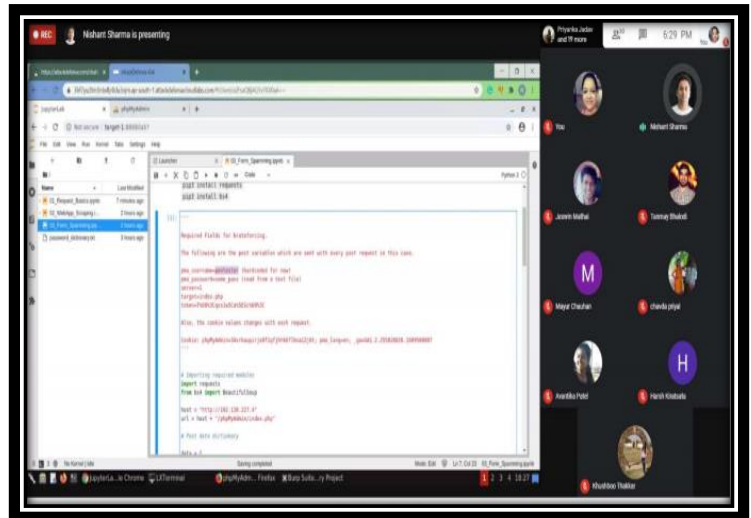
STTP organized:

- 1) An online Short-Term Training Program (STTP) on "**Cyber Security Threats and Safeguards**" during 25 – 29 January, 2021.



The STTP was sponsored by Information Security Education and Awareness (ISEA) Project Phase-II. The objectives of the STTP were to provide basics knowledge of cyber threats and cybercrime, to enhance the skill in OWASP top 10 security risks, vulnerability assessment & penetration testing (VAPT), IT security audit, and to develop the skill in digital forensics investigation. More than 100 participants, from various institute, attended the STTP. The STTP was coordinated by **Prof. (Dr.) S. D. Panchal and Prof. Seema Joshi.**

- 2) An online STTP on "**Python for Pen testing and Web Application Security**" during 08 - 12 February, 2021. This STTP was sponsored by Information Security Education and Awareness (ISEA) Project Phase-II. The objectives of the STTP were to provide introduction of Python programming, to explore hands on practices for Pen testing using python programming, to identify the real time case studies, preventive measures of Web application security, and to explore the knowledge in the field of cyber security with hands-on experiments. More than 100 participants have attended this STTP. The STTP was coordinated by **Prof. (Dr.) S. D. Panchal and Prof. Seema Joshi**.



GTU-GSET FACULTY ACTIVITIES

Numbers of academic prominence, prestige, renowned fellowships, research grants, associateships, specified lectureships, desired awards and medals have been granted on the faculties in recognition of their academic and social achievements, during the last 3 months. Some of the distinctions include:

Awards/Honors & Appreciation:

Prof. Seema B. Joshi,

Assistant Professor

Received an appreciation certificate from NPTEL, IIT, Chennai and Texas Instrument (TI) for her attempt to register the students in an online course on "Embedded System Design" jointly organized by Netaji Subhas University of Technology (NSUT, Delhi) and IIT Jammu. The institute have receive five (05) MSP430 Lunchbox kits from Texas Instruments on 15th January 2021 to encourage students' participation in the online course on NPTEL.

Prof. S. K. Hadia **Associate Professor**

Received a "**Research Paper Award**" for the published a paper (as a Co-author) on "Enhancing Lifetime of Network by with an improved MOD-LEACH" in the journal indexed in WoS and Scopus by Charusat University, Anand on 28th January 2021. The award is shared with his Ph.D. scholar at the University.

Under his guidance, a scholar of Charusat University, Anand has completed his Ph.D. program on 25th February, 2021. The title of thesis is "Energy Optimization in Wireless Network".

Prof. Seema B. Joshi,

Asst. Professor &

Prof. (Dr.) S. D. Panchal, **Professor**

Sanctioned Rs. 1.00 Lacs for their research proposal on "**Cloud Storage Security**" under GTU Seed Money Scheme on 15th January 2021. The project is for one year.

Mr. Nitishkumar **Khinchi,**

ME-CE (Cyber Security)

Sanctioned Rs. 25,000/- for his research project on "**Botnet Detection using Deep Learning Approach**" under GTU Seed Money Scheme on 15th January 2021 for one year duration. Prof. Seema B. Joshi is a co-principal investigator.

Faculty members as Resource Persons:

Prof. Deepak Upadhyay, **Assistant Professor**

Invited by CDAC-Hyderabad Ministry Project ISEA-Phase II to deliver an expert talk

"**Social Networking Security, Mobile and Mobile Application security**" for the teachers of Rajasthan on 8th January, 2021.

Participated in a debate on "**Youth and the Cyber Crime**" organized by a news channel - Bulletin India on 8th January, 2021 to discuss

on the recent cyber-crimes and how youth can help to curb the cybercrime.



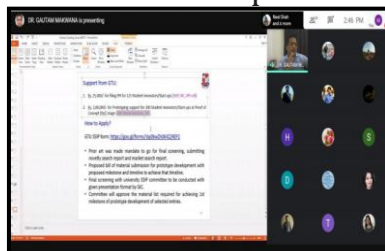
Delivered an expert talk on **"Social Media Investigation"** for the police officers of Chattisgarh organized by Chattisgarh Police Academy on 21st February, 2021. The session was focused to provide the training for the investigation of cyber cases based on social media application.

Delivered an expert talk on topic **"Social Media Security"** for the doctors & women students of B. J. Medical College, Civil Hospital, Ahmedabad in association with Ahmedabad Police (Zone 4) on 6th March 2021. The talks includes aspects of latest cybercrime cases and provide awareness of the

cybercrime happening through on Social Media.

Delivered an expert session on **"Cyber Security -Cybercrime Scenario and Various Offences"** organized by Sardar Patel College of Engineering. He discussed various aspects of cyber security based on the nature of offences with the Information Technology Act 2000 on 15th march 2021.

Prof. Gautam D. Makwana,
Associate Professor
Delivered an expert talk



on **"Various Funding Agencies for PG Students"** organized by GTU-GSET, Ahmedabad for the newly admitted first year Students of M.E. - EC (MCNT), M.E. - CE (CS), and PGDDS, Graduate School of Management Studies, and Graduate School of Pharmacy. The session explored general

guidelines of various schemes of the University, state and central government for PG project work during and after the program, discussed key indicators of the schemes, benefits and utilization of the schemes on 30th January 2021.

Invited as a resource person by Gujarat Maritime Board Polytechnic, Rajula to deliver an expert talk on **"Research Methodology"** in AICTE-ISTE sponsored Induction/Refresher Program (Phase-II) on "Outcome Based Pedagogic Principles for Effective Teaching in Engineering" held during 17-23 March, 2021. The session is delivered on 22nd March, 2020 in online mode.

Invited as a resource person by Civil Engineering Department, Government Engineering College, Patan to deliver an expert session on **"Writing a Research Proposal for Research Grants"** in One Week Online Short-Term

Training Program (STTP) on Advanced Research Methodology & Analytics (ARMA-2021) held during 22nd - 26th March, 2021. He discussed various aspects such as various format of the proposals, general issues, tips to write the proposal, and selection criteria of various funding agencies, to write the research proposal depending upon type of the research designs. More than 50 faculty members from various government and private engineering colleges of the Gujarat, have proactively participated in the talk.

Prof. (Dr.) S. D. Panchal
Professor, GTU-GSET

Invited as a resource person by Graduate School of Management Studies (GSMS), GTU to deliver an expert session on "**Attainment of Course Outcome, Program Outcome and**

Continuous Quality Improvement " in AICTE -GTU Sponsored online



FDP on NBA Accreditation for Management Institutions organized on 20th March 2021.

Prof. Mahesh Panchal,
Assistant Professor

Invited as a resource person by MCA Department, Sarvajanic College of Engineering



and Technology, Surat to deliver an expert talk on

"Issues in Balancing the Performance and Interpretability of Deep Learning based Models"

in AICTE-GTU sponsored FDP on "Natural Language Processing and Deep Learning: Trends and Applications" on 6th March 2021.

Prof. Raj Hakani,
Assistant Professor

Invited as an expert DAV



Public School, New Delhi to deliver a session on "**Arduino, & AL**" on 8th January 2021.

Invited as a resource person by Government Engineering College, Patan to deliver an online expert session on "**Prototype Design and Process**" under IIC activity on 20th March 2021.

Technical & Non-Technical Contribution:

Faculty members of GTU – GSET have participated in more than 15 technical seminars/workshops/FDPs/STTPs. They have contributed in various technical and non-technical activities. Some of the distinctions include:

Prof. Seema B. Joshi,

Assistant Professor

Mentor, Mentorship Program, GTU Innovation Council promoted by Gujarat Technological University, Ahmedabad and supported by Atal Innovation Mission, NITI Aayog, Government of India on 21st January 2021.

1 Lifetime member, OWASP (Open Web Application Security Project) Foundation, USA on 31st January 2021.

2 Worked as a jury member/state evaluator in the 28th Gujarat State Level National Children's Science Congress 2020-21 organized by GUJCOST during 28-31 January, 2021.

Signing Ceremony of a Memorandum of Understanding (MoU)

1 A MoU is signed between the GTU-GSET and TOPS technologies Pvt. Ltd, Ahmedabad on 18th March, 2021 to enhance the training and placement activities for the students. Mr. Yatrikbhai Goswami, Area Head, and Prof. S. D. Panchal, Director signed the MoU behalf of the company and the



Institute, respectively. The objectives of the MoU are to improve expertise and skills as per the industrial demands, placement of the students, industrial visits, PG Dissertation for the

students, support for development of the course curriculum, research & development activities, and faculty development programs for the faculty members of the institute. The institute has mission to provide at least three companies to each trained student for their placement opportunities.

2 A MoU is signed between Gujarat Technological University and GUJCOST, Gandhinagar on 25th January, 2021 for establishment of the supercomputer facility established at GTU-GSET. The MoU has been signed by Prof. S. D. Panchal, Director, GTU-GSET and Dr. Narrotam Sahoo, Member Secretary, GUJCOST.

Industrial Interaction:

Objectives of an industrial interaction are to explore technical facilities at reputed organization, PG Internship, PG Dissertation, Consultancy Projects, Placement and Technical support for PG students and the Institute. The institute believes that long-term interaction with various companies help us to change course curriculum, update equipment's and instruments as per the industrial demands. The institute empowered the faculty members to make such kind of the industrial interaction for the benefit of the student community.

Prof. Gautam D. Makwana

Associate Professor

1 Visited Institute of Plasma Research (IPR), Gandhinagar on 6th January, 2021 and interacted with Mr. Janmajay J. Buch, Scientific Officer – E at Microwave and ECE Section, Plasma Diagnostic Division to discuss various completed projects on plasma density profile measurement techniques of the division. Objectives of the visit are to explore research facilities of various sections and divisions for the benefit of our students and faculty members in the fields of RF & Microwave, Antenna, Signal Processing, Machine Learning and relevant fields for the internship, PG Dissertation, and research projects. Mr. Surya Pathak, Dean, Academic, is permitted to access dedicated instruments for the characterization of various RF systems.

2 Visited Entuple Technologies Pvt. Ltd,

Ahmedabad on 23rd January, 2021 and interacted with Mr. Vishal Kharadi,



Application Engineer and Mr. Khush Parikh, Senior Engineer. Mr Kharadi explored various facilities at the company. The company is focused on ANSYS simulation tools, characterization of various RF and Microwave Components using Vector Network Analyzer, Anechoic Chambers, Handling various consultancy projects and research projects. Mr. Parikh agreed to provide technical support to PG students of the GTU-GSET for their PG dissertation work. The company shown its interest to sign a MoU with the institute to exchange technical

supports, provide dissertations domains and involved faculty members in their consultancy projects.

3 Visited Leaftronic Pvt. Ltd, Gandhinagar on 18th February, 2021 and interacted with Mr. Darshan Patel, Founder



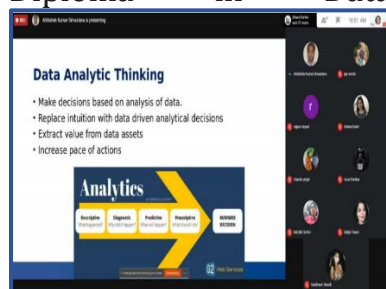
and CEO of the company. Mr. Patel explored various investigated products developed by the team of efforts on Embedded Solutions, IoT Solutions, Automation in Power, Dairy, Agriculture, and industrial products. Mr. Patel has agreed to support for the internship, and PG dissertation of the students, and development of the design curriculum for IoT related subjects.

Webinar series by the Industrial expert:

The institute has organized webinars in different domains on every Saturday for the first year students of M.E CE (Cyber Security), M.E. MCNT) and PG diploma in Data Science. The purpose of these webinars are to promote research activities and opportunities in the emerging areas of the programs, to explore new technologies and to aware students with recent industry demands. Some glimpse of such activities:

Mr. Abhishek Kumar Srivastava,

Sr. Solution Architect, Exaleap Semicoundctors, Bengalure has been invited to deliver an online expert session on **"Python for Data Science" & "Python for Pen testing and Digital Forensics,"** 2nd January 2021. The session was arranged for newly admitted students of PG Diploma in Data



Science and ME CE (Cyber Security) as a part of the co-curricular activities. The session was coordinated by **Prof. Seema Joshi**

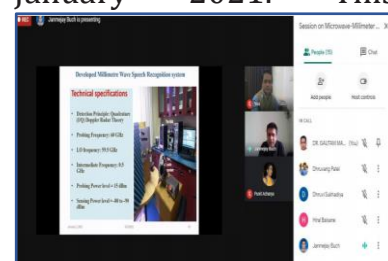
Prof. Navin K. Sharma, Professor, Applied Science Department, Indraprastha Engineering College,

Sahibabad, Ghaziabad has been invited to deliver an online session on **"Significance of Universal Human Values to Make a Better Lifestyle,"** 2nd January 2021. This session was arranged for newly



admitted students of M.E. - EC (MCNT), M.E. - CE (CS), and PGDDS under Skill Enhanced Program. Prof. Sharma introduced Universal Human Values (UHV) among the students, and explores various aspects such as right understanding, importance of relationships, happiness, and prosperous through examples. More than 56 students has benefited from the session. The session was coordinated by **Prof. Gautam D. Makwana**

Mr. Janmejay U. Buch, Scientific Officer, Microwave and ECE Section, Institute for Plasma Research, Gandhinagar has delivered an online session on **"Microwave - Millimeter Wave to THz Instrumentation for Tokamak Plasma"** on 2nd January 2021. This

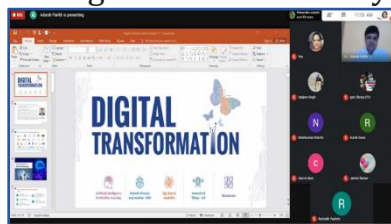


session was organized for first semester students of M.E. - EC (MCNT) to incline them towards research opportunities in the field of RF & Microwave. Mr. Buch explored various techniques used in IPR for plasma development, various measuring instruments, and discussed various projected handled by him. The session was



coordinated by **Prof. Gautam D. Makwana**

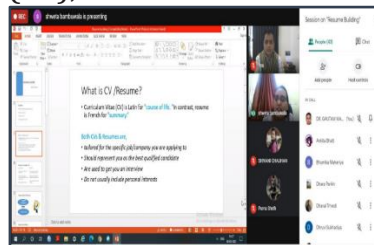
Mr. Adarsh Parikh,
Associate Vice President
Silver Touch
Technologies Limited,
Ahmedabad has delivered
an online expert lecture
on **"Digital Transformations
through Data Science"**
on 20th February 2021. This session was arranged for newly



admitted students of PG Diploma in Data Science to provide knowledge about the various real time applications/project of data science and required skills for career growth. The session was coordinated by **Prof. Seema Joshi.**

Prof. Shweta Bambuwala,
Asst. Professor,
Graduate School of
Management Studies,
GTU, Ahmedabad has delivered an online session on **"Resume Building"** under Industry

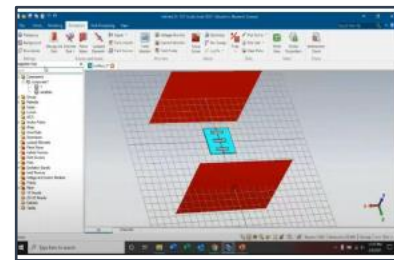
and Outreach Committee as a part of pre-placement activity on 6th February 2021. This session was organized for newly admitted students of M.E. - EC (MCNT), M.E. - CE (CS), and PGDDS.



Prof. Bambuwala explored common mistakes in the resume, development of a dynamic resume as per employees' perspective. The session was coordinated by **Prof. Gautam D. Makwana,** Associate Professor, GTU – GSET.

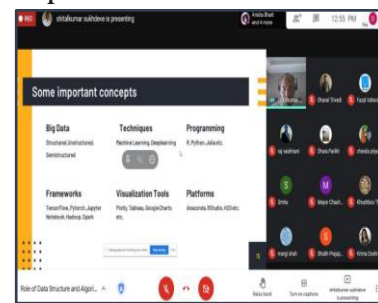
Mr. Abhishek Dholakiya,
Application Engineer,
Jyoti Electronics, and Ahmedabad has delivered an online session on **"Design of RF Filter using CST Studio Suit 2021"** on 6th February 2021. The session organized for first semester students of M.E. - EC (MCNT) to explore filter designing using CST Studio, nurture them towards research

opportunities in the field of RF & Microwave. The



session was coordinated by **Prof. Raj Hakani & Prof. Gautam D. Makwana.**

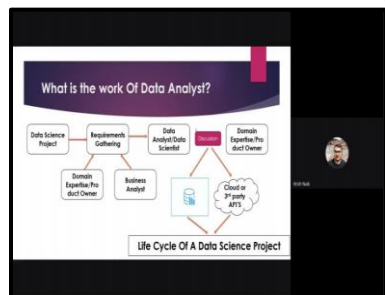
Mr. ShitalKumar Sukhdeve,
Senior Data Scientist (AVP), PT Smartfren Telecom Tbk, Indonesia, has delivered an online expert lecture on the topic named **"Role of Data Structures and Algorithms in Data Science"** on 30th January 2021. The session was arranged for newly admitted students of PG Diploma in Data Science



to provide knowledge about role of data structure and algorithms, data extraction from different sources such as

websites, blogs etc. The session was coordinated by **Prof. Deepak Upadhyay**.

Mr. Krish Naik, Chief Innovation Officer at iNeuron.ai, Bengaluru, delivered an online expert session on “**Life Cycle of Data Science Project**” on 6th February 2021. The session arranged for newly admitted students of PG Diploma in Data Science to provide knowledge about requirement gathering, feather engineering, feature selection,

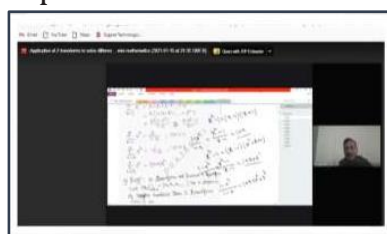


machine learning model development & deployment, retraining. The session was coordinated by **Prof. Mahesh Panchal**.

Dr. Jyotindra C. Prajapati, Associate Professor, SP University, Anand,

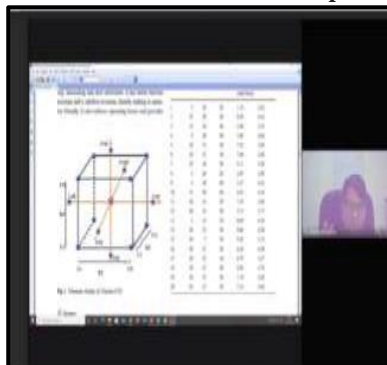
delivered an online expert session on “**Applications of Z-transforms to solve difference equations in discrete mathematics**”

Saturday, 16th January 2021. The session arranged for first semester students of PG Diploma in Data



Science and ME CE (Cyber Security) to make them aware significant of discrete mathematics and Z- transforms in the domain of data science, and cyber security. The session was coordinated by **Prof. Rutika Ghariya**.

Dr. Mithilesh Dikshit, Assistant Professor, IITRAM, Ahmedabad, has delivered an online expert



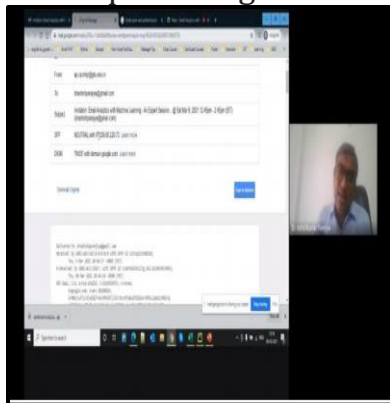
session on “**Overview of statistical tools in research & data analysis and Introduction to MINITAB**” on 16th January 2021 for students of ME CE (Cyber Security), PG Diploma Data Science, GSMS, GSP and faculty members to provide knowledge about the usage of various statistical tools and their operations. The session was coordinated by **Prof. Rutika Ghariya**.

Adv. Manan Thakker, Corporate Advocate, Ahmedabad, invited to deliver an online expert session on “**Constitution of India & Privacy Laws**” on 6th March 2021 for first year students of M.E. - EC (MCNT) and M.E. - CE (Cyber Security) as a part of Co-curricular activity for the audit subject. . The session was coordinated by **Prof. Mridul Seth**.

Dr. Ashishkumar Parejiya, Data Scientist & Sr. Manager- IT at PWPL - Piramal Group of Industries, has delivered an online expert session on “**Email**”



"Analytics with Machine Learning" on 6th March 2021 for first semester students of PG Diploma in Data Science to provide knowledge about artificial intelligence, machine learning, and deep learning and discussed email analytics techniques using machine



learning with case studies. The session was coordinated by Prof. Mahesh Panchal.

Dr. Shashikant Sharma, Group Leader, ISRO, Ahmedabad has delivered an online session on

"Research Scope at ISRO in the field of Communication and

Computer Science" on 6th March 2021 for first

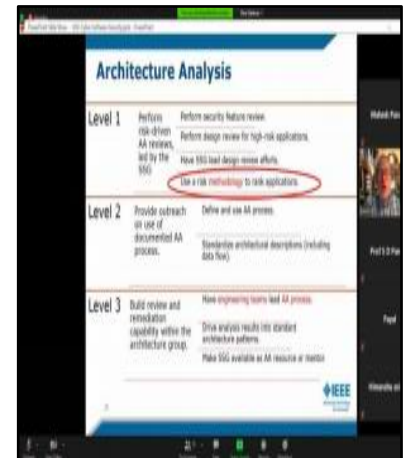


semester students of M.E. - EC (MCNT), M.E. - CE (CS), and PGDDS to explore various research scopes in the field of Big

Data Analytics and AI used in a portal called as "Visualization of Earth Observation Data and Archival (VEDAS)" thoroughly and demonstrated various projects of the ISRO and discussed various opportunities to carry out their PG dissertation. The session was coordinated by **Prof. S. K. Hadia.**

Dr Martin Gilje Jaatun, Senior Scientist

at SINTEF Digital, Trondheim, Norway has delivered an online session on **"Software Security"** on 30th January 2021. This session was organised for first semester students of M.E. - CE (CS) to



understand the various aspects of software security. The speaker highlighted key software security activities that many organizations have found useful and that may be adapted to other sectors. The session was coordinated by **Prof S D Panchal, Professor.**



GTU-GSET STUDENT ACTIVITIES

Student Club activities:

To nurture and explore various hidden talents & skills of the students, the Institute has established seven clubs (SAPTAK) in technical and non-technical domains. Each club has own objectives and guidelines. The clubs are handled by the students and organizing activities during a semester.

Environment Club: organized “Road Safety Awareness” program on 26th February, 2021 to provide awareness of



rules and guideline of road safety among the students of the institute. More than 50 students have actively participated Mr. Yogesh Pathak, retired executive engineer, Road & Building department, Government of Gujarat has been invited and share his experience and aware the students. views and presently working as advisor in GTU. The event is coordinated by Dhruvi Sukhadiya, coordinator, Shreya Patel, co-coordinator and Tanmay Bhalodi , secretary of the club.

Techfest-Sports-Cultural Club: organized **Poem Recitation Competition**” on the occasion of 125th Birth Anniversary of Netaji Shubhash Chandra Bose, 23th January 2021 through a virtual mode. Total 7 Students

from VGEC, Apollo Institute, Government Pharmacy College, Jivraj Mehta College,



Dhanvantary College and Shantilal Shah College have participated in this competition. The winner of this competition was Ms. Ridhdhi Panchal (Shantilal Shah Engineering College , Bhavnagar).

Prof. Deepak Upadhyay, Prof. Raj Hakani served as the judge of the event. The club is handled by Ms. Khushboo Thakkar, coordinator, Mr. Shubham Kotak, co-coordinator, and Ms. Payal Viras, secretary under mentorship of Prof. Rutika Ghariya.

Techfest-Sports-Cultural Club has organized a celebration week during 15-19 February, 2021 on various themes. The students have participated activities.

DAY 3: TRADITIONAL DAY



© GTU-GSET TECHFEST-SPORTS-CULTURAL CLUB

Data Science Club: has organized “AWS Lecture Series” for the students PG Diploma in Data Science to aware various aspects of the domain. The lectures of Introduction to cloud computing, and S3 & Lambda, on 25th February, 2021 and 13th March 2021, respectively. The club is handled by Ms. Krma Doshi, coordinator, Ms. Vaishnavi Trivedi, co-coordinator, and Ms. Niyati Raval, secretary under mentorship of **Prof. Mahesh Panchal**

Awards/Appreciation & Participation:

The students named Smita, Ankita Bhatt, Brijesh Joshi and Priyanka Jadhav of first semester cyber security have participated in more than 10 technical activities.



Ms. Ankita Bhatt,

M.E. – CS (Cyber Security),

Sem-1 participated and secured 10th Rank in a “Video Making Competition - "मुझे कुछ कहना है" on women's day, 8th March 2021 organized by GTU woman development cell.



RESEARCH PUBLICATION

Research is the parameter which connects academia with industry and strengthens the post graduate institute in actual means. The faculties and students of GTU-GSET have published and presented research papers/articles in reputed journals and conferences respectively. The faculties have reviewed research papers/articles for various journals and conferences.

Research paper Published/Reviewed:

Prof. S. K. Hadia,
Associate Professor

1 Published a research paper on "**Implementation and comparative analysis of evolutionary algorithms for energy optimization in wireless sensor networks**" in the WoS and Scopus Indexed International journal of

Communication System, Wiley Publisher, Vol. 10, Issue 2, Impact Factor: 1.1319, ISSN:1099-1131 as a co-author.

Reviewed a research paper (Ref: EATJ-D-20-00104) in Australian Engineers Technical Journal published by Taylor and Francis, WoS Indexed journal.

NEW ARRIVALS



Library Books



Electronic Workbench

Professor's Blog:

વિદ્યાર્થીઓની ટેકનોલોજી દુનિયા:

મહેશ એચ. પંચાલ,
આસિસ્ટન્ટ પ્રોફેસર, GTU-
GSET
એક જ દુનિયામાં દરેક વ્યક્તિઓની પોતાની અલગ-અલગ દુનિયાઓ હોય છે. અહીં વાત કરવી છે, વિદ્યાર્થીઓની પોતાની દુનિયાની. વિદ્યા અર્થે શૈક્ષણિક સંસ્થામાં પ્રવેશ મેળવ્યા પછી વિદ્યાર્થીઓની એક નવી દુનિયાની શરૂઆત થાય છે. સહાધ્યાયીઓ સાથે વિચારોનું, સંસ્કૃતિનું આદાન-પ્રદાન, શિક્ષકોના અનુભવોનો નિયોડ મેળવવો, હળવી મજાક-મસ્તી વગેરે વિદ્યાર્થી જીવનના અભિન્ન આયામો છે અને કહી શકાય કે આ જ વિદ્યાર્થીઓની દુનિયા છે.

સમયાંતરે ટેકનોલોજીનો વિકાસ તેમજ અમુક ટેકનોલોજી સરળતાથી પ્રાપ્ય હોવાના લીધે તેનો વિદ્યાર્થી જીવનમાં પણ પગપેસારો થયો અથવા કહો કે વિદ્યાર્થીઓની દુનિયામાં એક

નવા આયામનો ઉમેરો થયો. યુવાધન એ ઇન્ટરનેટ અને મોબાઈલ ટેકનોલોજીના ઉપયોગથી સંપૂર્ણપણે પરિચિત હોવું જ જોઈએ કે જેથી તેઓ પોતાની કારકિર્દીમાં ટેકનોલોજીના માધ્યમથી સમાજને ઉપયોગી થાય તે દિશામાં પ્રયત્નો કરે. પરંતુ જ્યારે ટેકનોલોજી કોઈ જ લક્ષ્ય વિના માત્ર સમય પસાર કરવા માટે વપરાય ત્યારે વિદ્યાર્થી માટે ખતરાની ઘંટડી બને છે. “હાર્યો જુગારી બમણું રમે” એ કહેવત જાણે ચરિતાર્થ થતી હોય તેમ વિદ્યાર્થી ઇન્ટરનેટ પર ઉપલબ્ધ દરેક માહિતી જાણે પોતાના માટે જ હોય તેમ સમજી ઊંડાણમાં ઊતરતો જાય છે. પછી તો જાણે ગૂગલ જ પોતાનો શિક્ષક છે, ફેસબુક જ પોતાનું મિત્રવર્તુણ છે, ઇન્સ્ટાગ્રામ જ કુદરતી નજારાનો ભંડાર છે એવું વિદ્યાર્થી માનવા લાગે છે. આની મહદઅંશે

વિપરીત અસરો વિદ્યાર્થીના સ્વયં ઉપર, કુટુંબ ઉપર તેમજ સમાજ ઉપર પડી શકે છે.

ટેકનોલોજીના સારા-નરસા પાસાઓને સમજીને તેમજ કુટુંબ, સમાજ અને કુદરત પ્રત્યેની આપણી જવાબદારી સમજીને જો ટેકનોલોજીનો ઉપયોગ કરીશું તો ટેકનોલોજીમાં સંશોધનની સાથે-સાથે સમાજને ઉપયોગી થાય તેવી એક દિશામાં આગળ વધી શકીશું.



**કિજીટલ ફોરેન્સિક્સ : પ્રોગ્રાન્ટ ટ્રેનડ્સ એન્ડ ફ્યુચર
ઓપર્યુનિટીઝ વિષય પર ૫ દિવસીય ઇ- સેમિનાર યોજાયો**

[illegible]

ટેકનોલોજીની કંપની સાથે સંસ્થાએ MOU કર્યા
GTUનાં વિદ્યાર્થીઓને આવડતને
આધારે કંપનીઓમાં જોબ અપાશે
સિક્યોરિટી સહિતના વિષયો ભણાવાશે

[illegible]

વિશેષ | બ્લોકચેઇન ટેકનોલોજી અને સાઇબર સિક્યોરીટીના ક્ષેત્રમાં ઉત્કૃષ્ટ યોગદાન બદલ સન્માન થયું

અમદાવાદના આ પ્રાધ્યાપિકાના પુસ્તક મુંબઈ યુનિવર્સિટી અને જીટીયુમાં પણ ભણાવાય છે

સાઇબર સિક્યોરિટી એજ્યુકેશન, રિસર્ચ કેટેગરીમાં નેપાળ ખાતે ભારતમાંથી માત્ર એક જ એક્સપર્ટની પસંદગી થઈ

[illegible]

વિવિધ ક્ષેત્રોના વિદ્યાર્થીઓ ભણી શકે તેવા છે આ બે પુસ્તકો



મોક્ષરત્ન સીમા પોસ્ટીશન જાણવા જઈને, તેના તારા અચર સુધીથી 20થી વધારે રિસર્ચ પેપર રજૂ કરવામાં આવ્યા છે. આ ઉપરાંત તેના તારા લાગણીથી ‘ઓર્ગેનિક ઓક્સિડેન્ટોસિસ ડિન’ જાણવા માટે ‘અમુકાર પેપર નંબર-2’ નામના પુસ્તક સુધી જઈ કુદરતે આપેલા સંકેતોની પણ પ્રજ્ઞાવાદવાદથી વેળે. બ્રહ્માને આપેલા મોક્ષવાદમાં મોક્ષવાદમાં અલગ પડવામાં તારાને તિસ્તારીલિંગ સ્થાપનામાં અને તિસ્તારીલિંગ કોમ્પોઝિશનમાં એકમાત્ર તેમણે પાસંકર કરવામાં આવી છે. આ કૈને તેમણે રજૂ કરેલા પેપરમાં આસિડિસિપ થઈ ગયા, તારાને કૈને, અમુકાર જેને ઉપર તેમણે કોમ્પોઝિશન કૈને અમુકાર અમુકાર નામ દિવાળીમાં પણ અહીંયા મારવામાં ઉપરની સાલિત થઈ રહ્યાં છે. ઉપરાંત તેને કારંતે વિદ્યાઓમાં આ કોલેના નવા અમુકાર પદ સરવત્રતામાં રજૂ કરેલા છે. જ્યારે આ હાથે આપેલા પેપરમાં મોક્ષ પદ અલગત સાલિત થઈ તેને કૈને રજૂ કરેલા અને આ કોલેનામાં અમુકાર કરવામાં આવ્યાં છે.

કતપુર સરકારી ઇજનેરી કોલેજ, સિવિલ ઇજનેરી
વિભાગ ખાતે સ્પોન્સર્ડ ઓનલાઇન તાલીમ યોજાઈ

પાટણ જિલ્લાના કાતપૂર મુકામે આવેલ સરકારી ઈજનેરી કોલેજ, સિવિલ ઈજનેરી વિભાગ ખાતે તા. ૨૨/૦૩/૨૦૨૧ થી તા. ૨૬/૦૩/૨૦૨૧ દરમિયાન Gujarat Council on Science & Technology (GUCOST), સ્પોર્ટ્સ ઓનલાઇન એક અઢવાડિયાની તાલીમ (STIP) "Advanced Research Methodology & Analytics (ARMA-2021)" શિર્ષક હેઠળ યોજાઈ ગઈ. આ ઈજનેરી વિભાગના પ્રોફેસર, રિસર્ચ સ્કોલર, મસ્ટર ઓફ એજિનિયરિંગ, બેચલર ઓફ એજિનિયરિંગ, કરતા વિદ્યાર્થીઓએ ભાગ લીધેલ. આ એસ.ટી.ટી.પી.નો મુખ્ય હેતુ રિસર્ચ કરતા પ્રોફેસર અને વિદ્યાર્થીઓને એડવાન્સ્ડ સોફ્ટવેર નો ઉપયોગ કરીને ડેટા એનાલિસિસ, રિસર્ચ પેપર લખવાની મેથોડોલોજી અને Plagiarism. અને Copy right વિષે માહિતગાર કરવાનો હતો. આ એક અઢવાડિયાની તાલીમમાં મુખ્યત્વે રિસર્ચનું મહત્વ, રિસર્ચ Design, રિસર્ચ પેપર riting, research proposal, રિસર્ચમાં Data collection, sample design, and techniques. Introduction to SPSS અને Correlation and Regression, Plagiarism અને Copy right, Planning and Citation of Journals Referencing and referencing styles etc. જેવા વિષયો પર અલગ-અલગ તજજ્ઞો દ્વારા વ્યાખ્યાન આપવામાં આવેલ. આ એસ.ટી.ટી.પી. માં મુખ્ય અતિથિ તરીકે ડૉ. અનિલ કુમાર ગુપ્તા (પદ્મશ્રી સન્માનિત, ૨૦૦૪) એ "Grassroot Innovations" પર પોતાનું વ્યાખ્યાન રજૂ કર્યું હતું. આ તાલીમમાં અલગ-અલગ ઈજનેરી તેમજ research ફિલ્ડના એકેડેમિક કેરેક્ટરિસ્ટિક જેવા કે ડૉ. ગોરંગજી જાધી, ડૉ. રાકેશ કુમાર, ડૉ. અનાંજી ગાંધી, ડૉ. સમી દેઓલ, ડૉ. સિદ્ધાંત પ્રાથોત્તમાવાલા, ડૉ. ગૌતમ મકવાણા, ડૉ. શ્રીનીવાસુલાલ, ડૉ. વિજય ભિકાણી અને Industry માંથી ડૉ. કૃષ્ણા સાપ, એ રિસર્ચ ફિલ્ડ પર પોતાના વ્યાખ્યાન પ્રસ્તુત કર્યાં હતા. આ સમગ્ર એસ.ટી.ટી.પી.નું સફળ સંચાલન કોઓર્ડિનેટર ડૉ. મંજુલેશ્વરી આર્થ. બાલ્યા (આસિસ્ટન્ટ પ્રોફેસર, સિવિલ ઈજનેરી વિભાગ, સરકારી ઈજનેરી કોલેજ, પાટણ), ડૉ. કોઓર્ડિનેટર પ્રો. વી. ડી. પટેલ અને ડૉ. વી. એમ. પટેલ આસિસ્ટન્ટ પ્રોફેસર, સિવિલ ઈજનેરી વિભાગ, સરકારી ઈજનેરી કોલેજ, પાટણ) તેમજ વિદ્યાર્થી વોલેન્ટીયર્સ દ્વારા કાર્યાવાન આવેલ હતું. આ એસ.ટી.ટી.પી. કરવા બદલ સરકારી ઈજનેરી કોલેજ, પાટણના પ્રિન્સિપાલ ડૉ. એચ. એન. પટેલ ઉપરોક્ત સર્વેને બિરદાવ્યા હતા.

25.03.2021

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About GTU-GSET

VISION:

To create an ecosystem in education and research that provides socially responsible, globally acceptable technocrats, innovators and entrepreneurs.

MISSION:

- To develop state-of-art research facilities with well-equipped academic infrastructure
- To establish strong collaborations with research organizations, Institute of national importance and Industries that promote research and consultancies
- To encourage innovative practices to produce innovators and entrepreneurs
- To leverage International linkages of the University to establish strong international out reach

About ME-CE Cyber Security

VISION:

To create a research environment to provide socially responsible and technically sound postgraduate technocrats, innovators and entrepreneurs in the cyber security domain.

MISSION:

- To develop state-of-art research facilities of cyber security and digital forensics with well-equipped academic infrastructure
- To encourage faculty to do research and consultancies in the field of cyber security and digital forensics.
- To establish strong linkages with research organizations, Institute of national importance and Industries for cyber security.
- To promote innovative practices to produce innovators and entrepreneurs in the field of cyber security.

About ME-EC Mobile Communication and Network Technology

VISION:

To create a research environment for producing socially responsible and technically sound technocrats, innovators and entrepreneurs in the field of advanced wireless communication and networking

MISSION:

- To develop state-of-art research facilities with well-equipped academic infrastructure
- To encourage faculty and students for research and consultancies
- To establish strong linkages with research organizations, Institute of national importance and Industries of wireless communication and networking.
- To promote innovative practices in department to produce innovators and entrepreneurs
- To leverage International linkage of University to establish strong international outreach

About PG Diploma in Data Science

By use of various web-based and mobile-based applications, volume in our data is generated. Hence, it becomes challenging task to handle these data and most importantly to understand the data. Looking at the current and futuristic trends, there will be demand of data science experts who can understand the nature of data, analyse the data and take result-oriented decisions analysis of the data. This program is for students who are interested and eveloping skills in data science and data analytics. This is one year course with 30 intake. During one year of program the students will learn in sights of subjects like Machine Learning, Programming in Python, Blockchain Technology, Big Data Analytics, and Data Analyse is using Cloud Computing etc.

Why "KANASH"?

"Expressing a gratitude to the all stakeholders of GTU-GSET"

K : Knowledge

A : Achievement

N : Nurturing

A : Acknowledgement

S : Sustainability

H : Happiness

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Programs @ GTU-GSET

(1) M.E. – Computer Engineering (Cyber Security) – AICTE Approved

Duration: 02 Years

Intake: 30

Inception Year: 2017

(2) M.E. –Electronics and Communication Engineering (Mobile Communication and Network Technology) – AICTE Approved

Duration: 02 Years

Intake: 30

Inception Year: 2018

(3) Post Graduate Diploma in Data Science

Duration: 01 Year

Intake: 30

Inception Year: 2020

GUJARAT TECHNOLOGICAL UNIVERSITY
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(University Managed PG Engineering College)

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