KANASH

Reflection of GTU-GSET Activities

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GTU - GSET ACTIVITIES

Award/Recognition:
Best Section Award on Foundation Day

Gujarat Technological University has celebrated its 16th foundation day on 16th may 2023. On this occasion, AICTE Chairman, Prof. T. G. Sitharam (Chief Guest) and S-VYASA University Chancellor, Dr. H. R. Nagendra (Guest of honor) inaugurated Idea lab and Block chain technology center of excellence and AIC, IKS and GPERI website. They also released 20 books of diploma engineering and that of UG in Gujarati a part of New Education policy introduced by the central government.

Gujarat Technological University – Graduate School of Engineering and Technology has received best section award for outstanding contribution towards university vision and mission.

NBA Peer Team Visit

The NBA peer team visit at GTU-GSET to obtain accreditation for PG (Cyber Security) has been scheduled on 2nd June 2023 to 4th June 2023. The committee has reviewed the documents on the basis of following criteria:

(1) Vision, Mission and Program Educational Objectives (PEOs)
(2) Program Outcomes
(3) Program Outcomes
(4) Students' Performance
(5) Faculty Contributions
(6) Facilities and Technical Support
(7) Teaching - Learning Process
(8) Governance, Institutional Support   and Financial Resources
(9) Continuous Improvement

Blockchain centre of excellence inauguration and activities

A Centre of Excellence (CoE) for Blockchain Technology is set-up at Gujarat Technological University. This centre is set-up with financial assistance of Rs.100 lakh from the Education Department, Government of Gujarat. AICTE Chairman, Pro.T. G. Sitharam (Chief Guest) and S-VYASA University Chancellor, Dr. H. R. Nagendra (Guest of honor) inaugurated this centre on the occasion of 16th foundation day of Gujarat Technological University. Various Events organized under Centre are as follow:

Various Events organized under Centre			
Sr. No.	From	Topic	Expert Name
1	15/04/2023	Recent Trends in Blockchain Technology: Implementation Perspective	Prof.(Dr.) Sudeep Tanwar, Professor, Nirma University
2	27/04/2023	Atomic cross-chain exchanges of shared assets	Sh. Krishnasuri Narayanam, Senior Research Engineer & Manager of Sustainable Computing research, IBM Research, India
3	22/05/2023 to 23/05/2023	Blockchain Technology: Hands-on Practice	Mr. Prince Kurian, Industry Expert, Edunet Foundation
4	17/06/2023	Blockchain Technology from its Genesis	Dr. Kaushal Shah, Assistant Professor, Department Computer Science and Engineering, Pandit Deendayal Energy University (PDEU)

The coordinators for these events are Prof. S. D. Panchal (Professor, GTU-GSET), Prof. P. S. Mann (Associate Professor, GTU-GSET), Prof. Mahesh Panchal (Assistant Professor, GTU-GSET) and Prof. Komal Prajapati (Assistant Professor, GTU-GSET).

Various Technical and Non-technical workshops, seminars, training and faculty development programs have been organized by GTU - Graduate School of Engineering and Technology during April' 2023 to June' 2023. Some of these programs include:

FDP/STTP/Training program/workshop organized:

Gujarat Technological GTU-Graduate School of Engineering and Technology organized two-days faculty workshop and research talk on **"Cloud, Fog and Edge Computing"** on 26th April 2023 and 27th April 2023. **Prof. Rajkumar Buyya**, Redmond Barry Distinguished Professor and Director of the Cloud Computing and Distributed Systems (CLOUDS) Laboratory at the University of Melbourne, Australia & CEO of Manjrasoft Pvt. Ltd., Australia has been invited to deliver the research talk on **"Role of Timely Research and Innovation: A Perspective on**

Impact and Citation" for Ph.D. students of the GTU. More than 180 Ph.D. scholars actively participated in the research talk. The faculty workshop on "**Neoteric Frontiers in Cloud, Edge, and Quantum computing**" delivered by Prof. Buyya. More than 50 faculty members from affiliated colleges of GTU actively participated in the workshop. Prof. Buyya visited various CoEs and centers of the GTU and interacted with the stakeholders. Prof. Buyya appreciated the infrastructure and technical resources provided by the University to the stakeholders. This workshop has been coordinated by Prof. Gautam Makwana (Associate Professor, GTU-GSET).

Webinar series/Expert Talk by the Industrial expert:

Every month, the institute hosts webinars and in-person expert talks in various fields for first-year students of the P.G. (Cyber Security), P.G. Civil (Structural Engineering), P.G. (Artificial Intelligence and Data Science), P.G. (Internet of Things), and PG diploma in Data Science programs. The talks' objectives are to raise awareness of research opportunities and initiatives in the programs' developing fields, to investigate cutting-edge technological advancements, and to familiarize students with current market demands. Some glimpse of such activities:

(1) Ms. Ashrita Kulkarni (Regional Head) and Mr. Akshay Mager (Sr.Tech.Eng), Midas-IT

have been invited to deliver an expert session on "**Analysis & Design of Industrial Steel Structures and Bridges Using Midas-Civil & Midas-Gen software"** on 4th May 2023 and 5th May 2023. This session was organized for the students of the P.G. Civil (Structural Engineering) program as a part of the skill enhancement activity. This session was coordinated by **Prof. Apurva Dave** (Assistant Professor, GTU-GSET) and around 24 students have attended the session.
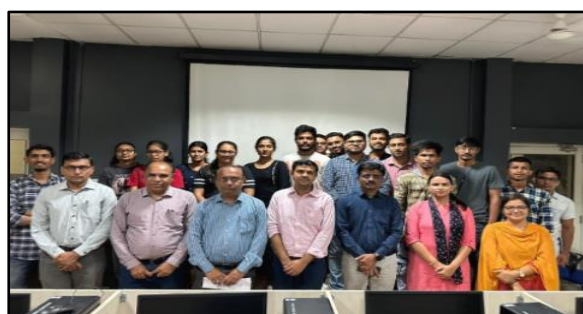
(2) Ms. Jalpa Desai, Data Analyst, Grras solution

5+ experience has been invited to deliver an expert session on **"Research Opportunities in the field of Data Science"** on 5th May 2023. This session was organized for the students of the P.G. (Artificial Intelligence and Data Science), P.G. (Internet of Things). The session was coordinated by **Prof. S K Hadia and Prof. G D Makwana** (Associate Professor, GTU-GSET).

(3) Mr. Utkarsh Sharma, Master trainer- Edunet Foundation

Has been invited to deliver talk on **"Practical Implementation of Deep learning"** during 17th May 2023 to 19th May 2023 at GSET-GTU under Code Unnati Centre of Excellence on Emerging Technologies. The main objective of this workshop is how to solve computational issues including text mining, sentiment analysis, and object recognition using neural networks. The session was coordinated by **Prof. Soniya Jain** (Assistant Professor, GTU-GSET) and was attended by 42 students of P.G. (Artificial Intelligence and Data Science) and PG diploma in Data Science programs.

(4) Dr. Sachin Sharma, Adani Institute of Digital Technology

Has been invited to deliver talk on **"Computer Vision and its Application"** on 2nd May 2023. The session was coordinated by **Prof. Soniya Jain** (Assistant Professor, GTU-GSET) and was attended by 17 students of P.G. (Artificial Intelligence and Data Science) and PG diploma in Data Science programs.

(5) Mr. Shilpesh Trivedi, Sr. Security Researcher

Uptycs, Bengaluru has been invited to deliver talk on **"Dynamic Malware Analysis and Threat Intelligence"** on 2nd May 2023. The session was coordinated by **Prof. Seema Joshi** (Assistant Professor, GTU-GSET) and was attended by 18 students of P.G. (Cyber Security). The objective to arrange this talk is to explain the importance of the dynamic malware analysis with hands-on practices as well to enhance the knowledge of threat intelligence operations.

GTU-GSET FACULTY/STAFF ACTIVITIES

Numbers of academic prominence, prestige, renowned fellowships, research grants, associateships, specified lectureships, desired awards and medals have been granted on faculties in recognition of their academic and social achievements, during the last 3 months. Faculty members have contributed as a resource person in number of expert talks and workshops. Some of the distinctions include:

<u>Award/Appreciation received by faculty members:</u>

Prof. P. S. Mann, Associate Professor, GTU-GSET

Received Certificate of Appreciation and financial reward of Rs. 10000/- on 16th Foundation Day of Gujarat Technological University, Ahmedabad on 16th May 2023.

Prof. Gautam D. Makwana, Associate Professor, GTU-GSET

Received Certificate of Appreciation and financial reward of Rs. 5000/- on 16th Foundation Day of Gujarat Technological University, Ahmedabad on 16th May 2023 in the category of 2 design patents granted, The Patent Office Intellectual Property, India.

Prof. Raj Hakani, Assistant Professor, GTU-GSET

(1) Received Rs. 50000 Grant from GUJCOST - DST as part of Robofest 3.0 to developed "Hexapot Robot" on 15th April 2023.
(2) Received Rs. 50000 Grant from GUJCOST - DST as part of Robofest 3.0 to developed "Self Balancing Robot" on 15th April 2023.
(3) Secured 1st, 2nd and 3rd Rank in "Young Entrepreneurship Challenge," Organized by WSRO in association with DST on 28th April 2023.
(4) Received "Gold Badge Mentor" Award by Atal Innovation Mission, NITI Ayog on 5th April 2023.
(5) Received Award from GTU "Top Performing Mentor for F.Y. - 2022-23" during 16th Foundation day of Gujarat Technological University on 16th May 2023.

Prof. S. K. Hadia, Associate Professor, GTU-GSET

(1) Received Certificate of Appreciation on the occasion of 16th Foundation Day of GTU for the "Research Paper Award, CHARUSAT University" on 16th May 2023.
(2) Received Certificate of Appreciation on the occasion of 16th Foundation Day of GTU for the "Patent Published, The Patent Office Intellectual Property, India" on 16th May 2023.
(3) Received Certificate of Appreciation on the occasion of 16th Foundation Day of GTU for Contribution in NAAC work as a criteria coordinator of Teaching Learning and Evaluation Criteria on 16th May 2023.

Prof. Deepak Upadhyay, Assistant Professor, GTU-GSET

Received Certificate of Appreciation on the occasion of 16th Foundation Day of GTU for Technical Contribution to Rajasthan Police and Gujarat Police to solve the cases and development of the tool for the investigation on 16th May 2023.

Prof. Margam Suthar, Assistant Professor, GTU-GSET

Received Certificate of Appreciation on the occasion of 16th Foundation Day of GTU for the "Best Performing SPOC- All India Award, Eduskills Foundation" on 16th May 2023.
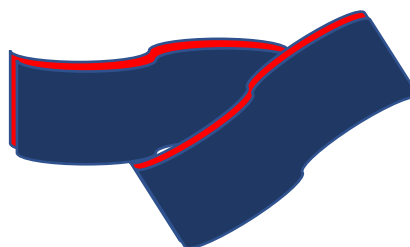
Faculty members as Resource Persons:

Prof. Deepak Upadhyay, Assistant professor, GTU-GSET

(1) Delivered an expert session for Rajasthan Police officers at Rajasthan Police Academy on the topic **"Information Security, Basic Concept -Digital Concepts and Digital Resilience"** on 26th May 2023.
(2) Delivered an expert session for Judges, Public Prosecutors and Rajasthan Police officers at Rajasthan Police Academy on the topic **"Cyber Crime and Cyber Law Awareness Course for Prosecutors and Judicial Officers"** on 27th May 2023.

(3) Delivered an expert session for students and faculty members at Parul University on the topic **"Cyber Safety for Tomorrow's Digital World"** on 11th April 2023.

Dr. J. A. Amin, Professor, GTU-GSET

Delivered expert talk on "Recent advances and wind load calculation for Buildings as per IS 875 (Part-III) 2015)" during Short term Training Program on "Recent Development in IS code and Software Applications in Structural Engineering" organized by The Institute of Engineers (India) Vallabh Vidyanagar Local Chapter and hosted by Structural Engineering Department of BVM Engineering College during 19th – 23rd June 2023

Prof. Raj Hakani, Assistant Professor, GTU-GSET

(1) Deliver an expert session on **"Unlocking Creativity: Sctrach Programming and Arduino"** on 26th May 2023 at Govt. Polytechnic College, Kheda.
(2) Delivered Expert Session on **"LaTex"** for GTU PG Students (Structure, IoT) on 16th June 2023.

Technical & Non-Technical Contribution:

Faculty members of GTU – GSET have participated in more than 10 technical seminars/workshops/FDPs/STTPs. They have contributed in various technical and non-technical activities. Some of the distinctions include:

Prof. S. D. Panchal, Professor, GTU-GSET

Participated in State -level debate on DD Girnar Channel on the occasion of National Technology Day, 11th May 2023.

Prof. G. D. Makwana, Associate professor, GTU-GSET

(1) Conducted Internship Cum Placement Drive for PG students of IoT Program. MASIBUS Instrumentation & Automation Pvt. Ltd., Gandhinagar conducted the drive at GTU-GSET on 13th April 2023.

(2) Served as a **Session Chair** at AICTE and GUJCOST Sponsored **2nd International Conference on Data Science and Intelligent Application** - 2023 organized by Gandhinagar Institute of Technology, Gandhinagar during 28th April - 29th April, 2023.

(3) Industry interaction with Tabor Electronics, Ahmedabad for academic collaboration in respect to internship, placement and consultancy projects. Fruitful discussion with Mr. Nikhil Mitaliya, General Manager and R & D Technical Team for various opportunities for the PG students of IoT program on 27th June 2023.

(4) Officials of Tabor Electronic, Ahmedabad, an Israeli based multinational company visited GTU-GSET and explored various opportunities for internship, placement, training programs, consultancy projects, and academia collaboration with GTU-GSET. Mr. Nikhil Mitaliya, General Manager-India and Himanshu Dave, Founder, INFITRON Advance System Pvt. Ltd., Ahmedabad interacted with Director and faculty members of the Institute on 24th April 2023. The industry interaction is coordinated by Prof. G. D. Makwana.

(5) Coordinated Online Training on AMAZON approved AWS Cloud Computing Foundation Course for the students of PG IoT. Five students of the PG program have successfully passed the examination taken by AMAZON and received the "Certificate of Completion" from the AWS platform. Mr. Jeet Joshi shared his expertise with the students.

Prof. Apurva Dave, Assistant Professor, GTU-GSET

Conducted a site visit of high rise building "Sant-Vihar-3", near Koba, Gandhinagar for the students of 2nd Semester, P.G. Civil (Structural Engineering). The details of RCC structure design was explained to the students. Also discussed importance of various codel provision in detailing of RCC structure.

Prof. Deepak Upadhyay, Assistant Professor, GTU-GSET

Done a consultancy work as a "Technical advice and banking fraud related solutions" to Bharti Sahkari Bank Association –Gujarat on 17th June 2023.

Prof. Raj Hakani, Assistant Professor, GTU-GSET

(1) Invited by Anant National University to reviewed Startup applications under Student Startup and Innovation Policy 2.0 on 8th April 2023.
(2) Invited by Karnavati University to reviewed Startup applications under SISF Grant on 8th April 2023.
(3) Represented University at National Robotics Competition organized by IIT Delhi in Association with Prasar Bharti - Doordarshan and became National Champion during 15th June 2023 to 18th June 2023.

Prof. Seema Joshi, Assistant Professor, GTU-GSET

(1) Received the certificate of Professional Membership of the Association for Computing Machinery (ACM), New York, since April 2023 (Membership Number: 1710689).
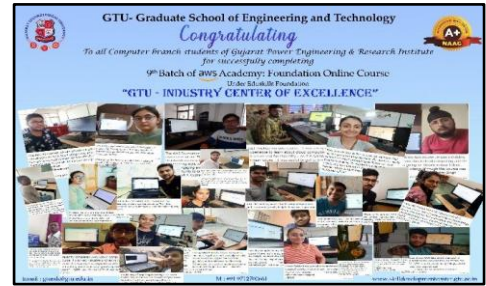

(2) Received Lifetime Professional Membership of International Association of Engineers (IAENG), Hong Kong, on April 12, 2023 (Membership Number: 337401)
(3) Mentored and encouraged PG Cyber Security Scholars to organize the Knowledge Transfer Workshop "Learn from Your Peers" under the Cyber Security Student Club. Two workshops were organized during the academic year, even term 2022-23.
(4) Initiated the Skill Enhancement Expert Talk Series 2023 at the GTU Alumni Association and coordinated the first online expert session on "How 5G and AI Impact Robotics!" by Ms. Purva Joshi, University of Pisa, Italy, on June 30, 2023.

Mr. Jeet Joshi, Skill Coordinator, GTU-GSET

Conducted "7th batch of online training of Amazon approved AWS Cloud Computing Foundation course". It is a 20 hours online course, Where 60 students of GPERI have registered for this training, among them 26 students had successfully cleared the examination and got certified by Amazon.
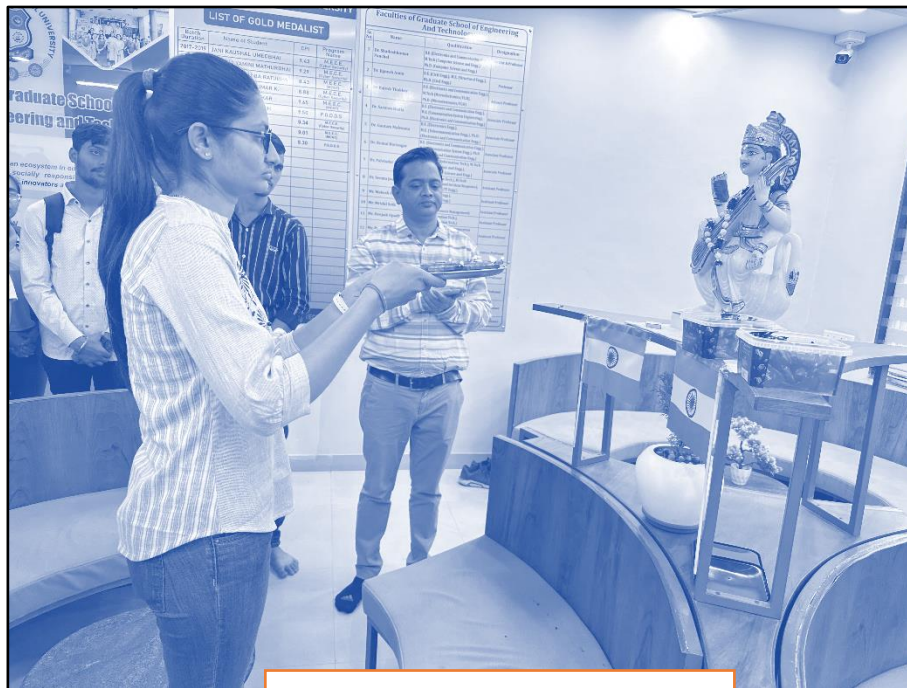

Prof. Hemal D. Nayak, Assistant Professor, GTU-GSET

Successfully completed Alteryx Foundation Micro-credentials & Design Core course by clearing the international exam and achieved Alteryx Foundation Micro-credential & Design core Professional Certification during 16th April 2023 to 22nd April 2023 from Alteryx: Data Science and Analytics Automation Platform.

Faculty Members, GTU-GSET

Conducted expert session on "career scope in emerging area of engineering after undergraduation" at different colleges of engineering within the state during the month of April and May 2023.

Birthday celebration @GSET

GTU-GSET STUDENT ACTIVITIES

<u>**Student Club activities:**</u>

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 its own objectives and guidelines. The clubs are handled by the students and organize activities during a semester. Some activities during last quarters are:

<u>**Cyber Security Club:**</u>

Knowledge sharing is the greatest form of sharing, and with this objective, the cyber security club organized the first workshop, "Knowledge Transfer Workshop: Learn from Your Peers," on April 25, 2023. The workshop's student coordinators did a good job of organizing it, and PG Scholars Ms. Bhavini Patel, Mr. Pranav Patel, and Mr. Parth Mistri did a good job of delivering it while demonstrating various cyber security and digital forensics tools and techniques.

On June 24, 2023, Mr. Gaidram Sahu led the second workshop on "Cyber Security Audit (ISO Standards)," which Mr. Pranav Patel and Mr. Parth Mistri coordinated. Prof. Seema Joshi served as the concept's mentor and supporter. The cyber security PG scholars learned about the hands-on practice of cyber security tools and techniques and the auditing process by attending these workshops.

Admission Seminar

Techfest-Sports-Cultural Club:

GTU – GSET organized a Sports Week on 19th April to 20th April 2023. The event began with Enthusiasm & sportsman-ship and inaugurated by Prof. S. D. Panchal, Director, GTU-GSET. All the Interns, Post-Graduates and Faculty took part in various sports events such as Cricket, Volleyball, Basketball, Tug of War, 100m Race, Table Tennis, Carrom, Chess, Kho-Kho, Kabaddi, on the spot Games, etc. Along with Sports week, the various days were celebrated with fun and excitement such as Group day, Signature day and Traditional day. Overall the event was a grand success with maximum participation and infinite enthusiasm shown by all the participants. Certificate has been distributed to all participants and winners in different events.

MCNT/IoT Club

MCNT/IoT Saptak Club has conducted activity on "Controlling Appliance using LORA Module". Prof. Raj Hakani and DIC team has conducted the session. Hands-on session to control various appliances using LORA has been arranged.

Student Internship:

Mr. Bhargav Patel, P.G. (Internet of Things), batch - 2022- 24, has been selected as an intern at MASIBUS Automation and Instrumentation, Gandhinagar with Stipend of Rs. 25,000/-

Student Activities:

Students of GTU-GSET have contributed in various technical and non-technical activities, attended number of events and completed various technical course during last three months. Some of the distinctions include:

Sr. No.	Student Name	Branch	Activity Detail
1	Bhalala Ronakbhai Bharatbhai	Semester-2, PG (Cyber Security)- Batch 2022-24	• Delivered cyber awareness session at VGEC
2	Mistri Parth Rajeshkumar	Semester-2, PG (Cyber Security)- Batch 2022-24	Course Completed: • Pentesting Fundamentals for Beginners by EC Council • Maximizing DFIR Results with YARA, Sigma, and Belkasoft X
3	Bhavini Patel	Semester-2, PG (Cyber Security)- Batch 2022-24	Course Completed: • Maximizing DFIR Results with YARA, Sigma, and Belkasoft X • Beyond the Basics: Mastering Advanced Digital Forensics Techniques
4	Rohullah Afzali	Semester-2, PG (Cyber Security)- Batch 2022-24	Course Completed: • Digital Forensics Essentials by EC-council • Supervised Machine Learning: Regression and Classification by Stanford University in coursera
5	Saurabh Naval Tiwari	Semester-2, Post Graduate Diploma in Data Science- Batch 2022-24	Course Completed: AWS Academy Graduate - Cloud Foundations
6	Mangroliya Brijesh J.	Semester - 2 PG (Internet of Things)	Successfully Completed a certified course - AMAZON approved AWS Cloud Computing Foundation Course
7	Panchal Bhargvi M.		
8	Patel Bhargav G.		
9	Patel Viharkumar N		
10	Solanki Zarna D		

RESEARCH CONTRIBUTION

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. P. S. Mann, Associate Professor & **Prof. S. D. Panchal,** Professor, GTU-GSET

Published a Book Chapter **"Energy-efficient clustering protocol for IoT-based unmanned aerial vehicles"**, in the Book Title, Intelligent Green Communication Network for Internet of Things, under Taylor & Francis Group Publication on 29th May 2023.

Prof. P. S. Mann, Associate Professor, GTU-GSET

(1) Reviewed manuscript titled "**Research on Coupling of Logistics Blockchain Image Authentication and Identification based on Cloud Computing and Wireless Network"**, Wireless Networks, Springer during April 2023.
(2) Reviewed manuscript titled **"Optimization of Fractional Order PI-PID Controllers for MIMO Systems Using Artificial Bee Colony Algorithm",** soft Computing, Springer during March and April 2023.
(3) Reviewed manuscript titled **"Performance Enhancement of Efficient Clustering and Routing Protocol for Wireless Sensor Network Using Improve Elephant Herd Optimization (IEHO) Algorithm"**, Heliyon, Cell Press, Elsevier during April and May 2023.
(4) Reviewed manuscript titled **"The Role of Personalizing E-Learning on Learning Performance in Online Learning Environment"**, International Journal of Computing and Digital Systems during May and June 2023.
(5) Reviewed manuscript titled **"Collaborative Defense Mechanism against TCP Layer Three Attacks on Wireless Networks"**, Heliyon Cell Press, Elsevier during May and June 2023.
(6) Reviewed manuscript titled **"Credit Card Fraud Detection Using Catboost Gradient boosting"**, Multidisciplinary International Research Journal (GTU-MIRJ).

Prof. G. D. Makwana, Associate Professor, GTU-GSET

(1) Published research paper on **"Multiband Antenna for GPS, IRNSS, Sub-6 GHz 5G and WLAN Applications"** in Progress in Electromagnetic Research, Indexed in Web of Science & Scopus, with Mr. Devendra H. Patel on 3rd April 2023.
(2) Presented and published a research paper on title **"Triple Band Antenna for GPS, Sub-6GHz 5G, and WLAN Applications"** during 2nd International Conference on Wireless , Antenna and Microwave Symposium (SAMS-2023) organized by Pandit Deendayal Energy University, Gandhinagar during 7th June 2023 to 10th June 2023 as a co-author with Mr. Devendra H. Pate
(3) Reviewed manuscript on **"Blind Sound Source Separation by Combining the Convolutional Neural Network and Degree Separator"** for Special Issue of "Role of Internet of Things, VLSI architecture and artificial intelligence in development of real time signal processing applications" of SCI index journal, Traitement Du Signal on 9th June 2023.
(4) Indian Patent Design - Application No. 368819-001 has been granted with Mr. Devendra H. Patel and Ritisha V. Bhatt on 25th April 2023.

(5) Indian Design Patent - Application No. 379247-001 has been granted with Mr. Devendra H. Patel on 16th May 2023.
(6) Filed Indian Patent in the field of AI and ML on 23rd June 2023.

Mrs. Dhwani Hakani (PhD Scholar, GTU-GSET)

(1) Published research paper titled **"Modified Tree Rule Firewall for Removing Redundant and Shadowing Rules in Cloud Firewall Policy"** in Journal of Data Acquisition and Processing Scopus index Q4 on 17th May 2023.
(2) Reviewed paper titled **"Multi-Faceted Job Scheduling Optimization using Q-learning with ABC in Cloud Environment"** for IJCDS (International Journal of Computing and Digital Systems) on 17th May 2023.

Prof. S. K. Hadia, Associate Professor, GTU-GSET

(1) Reviewed paper titled **"AI Algorithms for Dynamic Bandwidth Management in Wireless Networks"** (submitted for possible publication), 2023 International Conference on Decision Aid Sciences and Applications (DASA) on 30th June 2023.
(2) Reviewed paper titled **"Digitalization and Its Impact on HRM: Leveraging ICT for Efficient Workforce Management"** for AICTC 2023 on 16th June 2023.
(3) Reviewed paper titled **"Smart IoT Management: Leveraging Enhanced Cluster Based Routing Protocol for Optimization and Data Aggregation in Networks"** for AICTC 2023 on 16th June 2023.

Prof. Seema Joshi, Assistant Professor, GTU-GSET

(1) Invited as a reviewer for 2nd International Conference on Data Science and Intelligent Applications (ICDSIA2023), organized by Gandhinagar Institute of Technology (GIT), a constituent institute of Gandhinagar University (GU), during April 28-29, 2023.
(2) Participated in an oral and technical presentation on paper titled "A Review of Security Challenges in Fog Computing for Industrial Internet of Things" at AHI EVRAN 3rd International Congress on Scientific Research on May 3-4, 2023, in Odlar Yurdu University Baku, Azerbaijan. The full paper was published in Full Texts Book, Vol. 3, May 15, 2023 (ISBN - 978-625-367-095-5).
(3) Recognized and selected as a reviewer for the International Journal of Advanced Computer Science and Applications (IJACSA), indexed by Scopus, WoS, IET, etc., published by the Science and Information (SAI) Organization, UK, on May 23, 2023.
(4) Contributed and was appreciated as a reviewer by International Journal of Advanced Computer Science and Applications (IJACSA), indexed by Scopus, WoS, IET, etc., The Science and Information (SAI) Organization, UK, June 8, 2023.
(5) Recognized and selected as a reviewer for Archives of Advanced Engineering Science (AAES), Bon View Publishing Pte. Ltd., Singapore, June 27, 2023.

NEW ARRIVALS

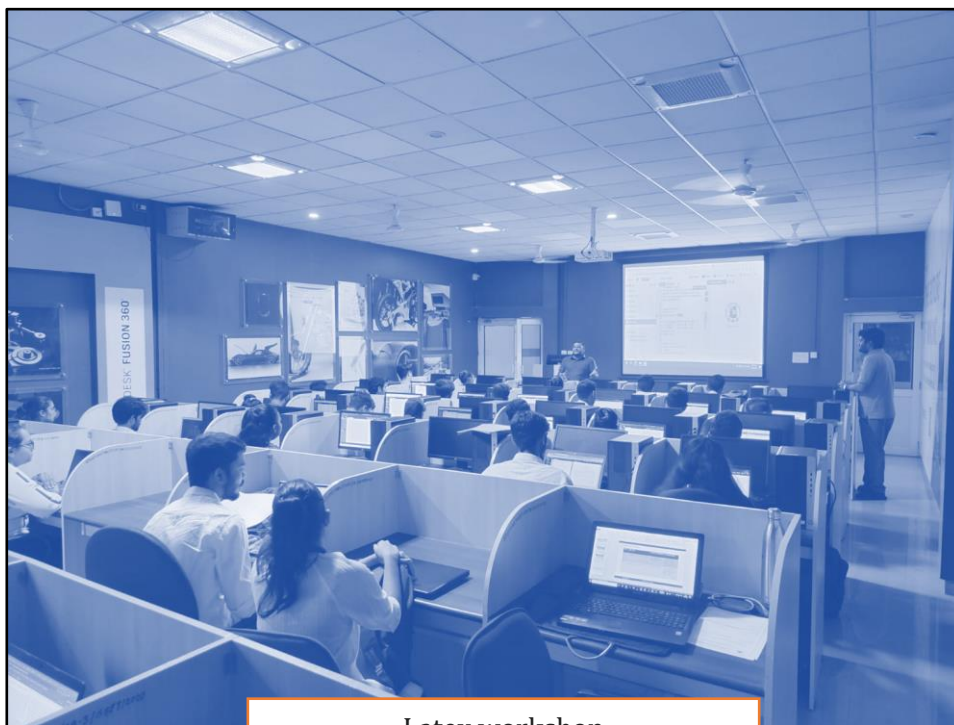**LABORATORY/CENTRE OF EXCELLENCE:**

10 GPU's equipped with nVIDIA Quadro RTX series (under Blockchain Centre of Excellence) with following configurations:
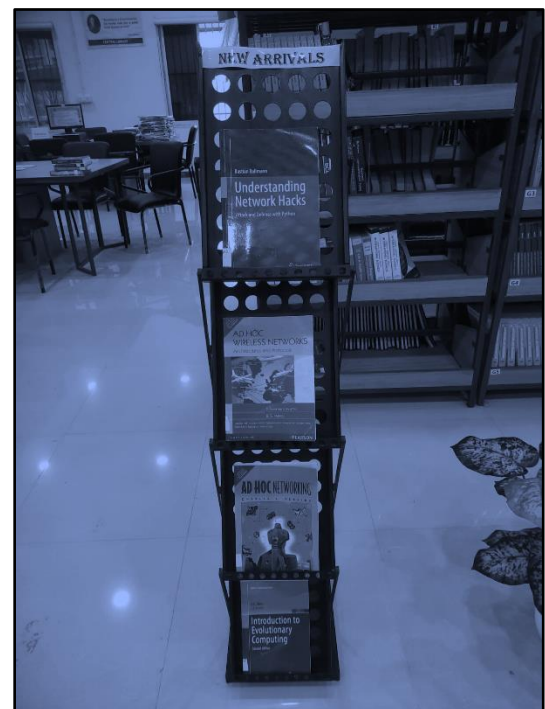**Processor:** Intel Xeon W Series
RAM: 64 GB
Model: DELL Workstation with INTEL Xeon W - 2245

Latex workshop

LIBRARY NEW ARRIVALS:

CREATIVE CORNER

Student/Professor's Blog:

Prof. Komal D. Prajapati, Assistant Professor, GTU-GSET

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વાત ફક્ત આ ક્ષણની જ છે..

તારું સ્વપ્ન જો સાકાર થઇ રહ્યું હોય,
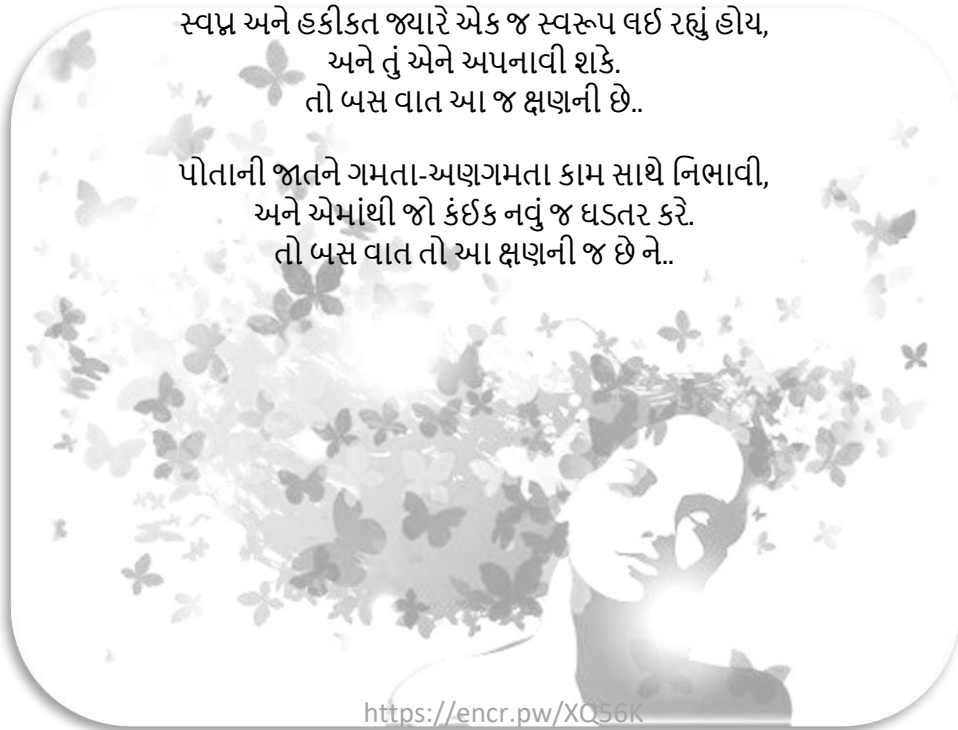અને જો તું એને મહેસૂસ કરી શકે.
બસ વાત આ ક્ષણની જ છે..

કેટકેટલા વિચારોમાંથી જો તું પસાર થાય,
અને એમાં જે વિચારો તું મહેસૂસ કરી શકે.
બસ વાત આ ક્ષણની જ છે..

તારા એ કેટકેટલી રાતોના ઉજાગરા,
અને જો તું એનું સફળ પરિણામ જોઇ શકે.
તો બસ વાત આ ક્ષણની જ છે..

ખુલ્લી આંખોથી જોયેલા એ સપના,
અને જો તું એને હકીકતમાં જીવી શકે.
બસ વાત આ ક્ષણની જ તો છે..

સ્વપ્ન અને હકીકત જ્યારે એક જ સ્વરૂપ લઇ રહ્યું હોય,
અને તું એને અપનાવી શકે.
તો બસ વાત આ જ ક્ષણની છે..

પોતાની જાતને ગમતા-અણગમતા કામ સાથે નિભાવી,
અને એમાંથી જો કંઇક નવું જ ઘડતર કરે.
તો બસ વાત તો આ ક્ષણની જ છે ને..

</div>

https://encr.pw/XQ56K

Mr. Mayur Dave,
Student,Semester-4, P.G. (Mobile Communication and Network Technology), GTU-GSET

જીટીયુ-જીસેટની શૌર્ય ગાથા

- આજે માહોલ છે મજાનો જ્યાં હાજર છે મહાનુભાવો, અહીં પ્રસ્તુત કરું છું કિસ્સો અમારી સંસ્થાની શૌર્ય ગાથાનો.
- જે સંસ્થાનુ હું વર્ણન કરું છું હું અનુસંધી એ નામ છે જીટીયુ જીસેટ અહીં ,
- શું વર્ણવું આ સંસ્થાને કદાય વર્ણન કરવામાં પણ હું સંપૂર્ણ વર્ણવી ન શકું,છતાં પણ કોશિશ રહેશે મારી એ જ કે કવિતાના માધ્યમથી હું જીસેટ ની શોયે ગાથા કહી શકું.
- જો વાત કરું હું નામથી તો નામમાં જ છુપાયેલ છે સાર અહીં , જી એટલે ગૌરવ , એસ એટલે સાથે , ઇ એટલે એકતા, અને ટી એટલે તાલીમ , ગૌરવની સાથે એકતા ની તાલીમ એ જ અમારી જીસેટ.
- આમ તો પાંખ બે જ જરૂરી હોય છે ઉડાન ભરવા માટે , પણ અહીં તો છે છ-છ પાંખો છે અમારી જે જીસેટ નું સ્થાન રાખે છે આસમાને જાળવી.
  પહેલી તે પાંખ - સાયબર સિક્યુરિટી

  બીજી તે પાંખ – આઇઓટી

  ત્રીજી તે પાંખ - એમ સી એન ટી
  ચોથી તે પાંખ - આર્ટિફિશિયલ ઇન્ટેલિજન્સ અને ડેટા સાયન્સ
  પાંચમી તે પાંખ - સ્ટ્ર્ક્ચરલ એન્જિનિયરિંગ
  છઠી તે પાંખ - પીજી ડિપ્લોમા ઇન ડેટા સાયન્સ
- સુસજ્જ શૈક્ષણિક ઇન્ફ્રાસ્ટ્ર્ક્ચર સાથે અતિઆધુનિક સંશોધન અને સુવિધાઓ છે વિકસાવેલી અહીં, આ જ નવીનતાઓ એ તો રાખી છે બધી પાંખોને જોડી.
- શું કહું તમને આથી વિશેષ અહીં , આતો છે જ્ઞાનનો એ અદ્ભુત દરિયો , જ્યા ડૂબકી લગાડનાર શીખાઉ પણ નીકળે છે તરવૈયો થઇ.
- લાઇબ્રેરી થી લઇ સ્ટાર્ટ અપ અને સપોર્ટ ની છે સગવડ અહીં , એક ઇકો સિસ્ટમ બનેલ છે આખી જ કરે છે સમાજને પ્રધાન સાહસિકો અને જવાબદાર વ્યક્તિ.
- મહાભારતમાં તો હતા એક અર્જુન અને એક જ કૃષ્ના જે પૂરતા હતા જીતવા યુદ્ધ, અહી જીસેટ માં તો છે 18 કૃષ્ણ ઓની ફોઝ જેથી જ હર એક નીકળે છે અહીંથી અર્જુન બની.
- વાતને ટૂંકાવી અને રાખું છું વાતનો વિરામ અહીં , બસ એટલું જરૂરથી કહીશ કે જીસેટ છે એ છે શાન અમારી.

httpsl1nq.comHdSdi

ડિગ્રી ઇજનેરી પ્રવેશ માટે 57 માર્ગદર્શન સેમિનાર યોજાશે

નવગુજરાત સમય > અમદાવાદ

ડિગ્રી એન્જિનિયરિંગ પ્રવેશ સમિતિ દ્વારા ઇજનેરી, ફાર્મસી, હોટલ મેનેજમેન્ટ, આર્કિટેક્ચર સહિતના અભ્યાસક્રમોની જાણકારી વિદ્યાર્થી-વાલીઓને મળી રહી તે માટે આગામી 6થી લઇને 28મી મે સુધીમાં રાજ્યના જુદા જુદા જિલ્લાઓમાં 57 જેટલા માર્ગદર્શન કેમ્પ યોજવાની જાહેરાત કરી છે. જેમાં તા.6 મેના રોજ કુલ 11 કાર્યક્રમો યોજાશે. આજ રીતે 7મીએ 6, 13મીએ 14મીએ 9, 20મીએ 9, 21મીએ 9, 27મીએ 5,28મીએ 8 કાર્યક્રમ યોજાશે. આ માર્ગદર્શક કાર્યક્રમમાં વિદ્યાર્થી-વાલીઓ ઓનલાઈન ફોર્મ કેવી રીતે ભરવું, ચોઈસ ફિલિંગ કેવી રીતે કરવી, કોલેજની પસંદગી કરવાની અને ફી કેવી રીતે ભરવી તે અંગેની તમામ જાણકારી મેળવી શકશે.

પેઈડ ઈન્ટર્નશિપ માટે કુલ ૧,૪૯૬ વિદ્યાર્થીએ અરજી કરી હતી

GTUની પેઈડ ઈન્ટર્નશિપ માટે કોમ્પ્યુટર અને ITના ૯ વિદ્યાર્થીની પસંદગી થઈ

| અમદાવાદ |

ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટીના (જીટીયુ) ઈન્ટીગ્રેટેડ ટ્રેનિંગ એન્ડ પ્લેસમેન્ટ સેલ (ITAP) અને IT વિભાગ દ્વારા જીટીયુ સંલગ્ન તમામ કોલેજના સેમેસ્ટર-૮ના કોમ્પ્યુટર અને IT વિદ્યાશાખાના વિદ્યાર્થીઓને પેઈડ ઈન્ટર્નશિપનો લાભ મળી રહે તે અર્થે, તાજેતરમાં જ પ્રવેશ પરીક્ષાનું આયોજન કર્યું હતું. જેમાંથી ૯ વિદ્યાર્થીઓને ૩ માસની પેઈડ ઈન્ટર્નશિપ માટે પસંદગી પામ્યા છે. પેઈડ ઈન્ટર્નશિપ માટે કુલ ૧,૪૯૬ વિદ્યાર્થીઓએ અરજી કરી હતી.

જીટીયુના કાર્યકારી કુલપતિ પ્રો. ડૉ. પંકજરાય પટેલે જણાવ્યું હતું કે, યુજીસીના નિયમોનુસાર અંતિમ સેમેસ્ટરમાં ઈન્ટર્નશિપ કરવી ફરજીયાત છે. જેનાથી વિદ્યાર્થીઓના પ્રેક્ટિકલ જ્ઞાનમાં વધારો

થાય છે. જીટીયુ દ્વારા પસંદગી પામેલા વિદ્યાર્થીઓને ૩.૨૪ લાખનું સ્ટાઈપેન્ડ પણ આપવામાં આવશે. ડિગ્રી એન્જિનિયરિંગ કરતાં દરેક વિદ્યાર્થીઓ વિવિધ કંપની કે ઔદ્યોગિક એકમો ખાતે પ્રેક્ટિકલ ટ્રેનિંગ મેળવવા માટે ઈન્ટર્નશિપ કરતાં હોય છે. કોમ્પ્યુટર અને IT ક્ષેત્રે ઈન્ટર્નશિપ કરવા માંગતાં વિદ્યાર્થી પાસેથી જીટીયુ દ્વારા અરજી મંગાવવામાં આવેલ હતી. કુલ મળેલ ૧૪૯૬ અરજીમાંથી મેરીટ બેઝ્ડ ૫૬ વિદ્યાર્થીઓને પ્રવેશ પરીક્ષા માટે પસંદગી કરાઈ હતી. જેમાંથી ૯ વિદ્યાર્થીઓ પરીક્ષા પાસ કરી. વિદ્યાર્થીઓ વેબસાઈટ ડેવલોપમેન્ટ , સ્ટુડન્ટ પોર્ટલ એપ્લિકેશન , રિઝલ્ટ વેરીફિકેશન સોફ્ટવેર તેમજ ડોટ નેટના વિવિધ પ્લેટફોર્મ પર વિષય તજજ્ઞો દ્વારા માર્ગદર્શન મેળવશે.

જીટીયુ દ્વારા પસંદગી પામેલા વિદ્યાર્થીઓને ૩.૨૪ લાખનું સ્ટાઈપેન્ડ પણ અપાશે

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About GTU

Vision:

To be a global university for the creation and dissemination of knowledge and Innovation in Science & Technology, Humanities and Multidisciplinary domains for sustainable development and enrichment of human life.

Mission:

- To develop centres of academic excellence at university premises and at affiliated colleges in domains of science, engineering, technology,management, and environment for imparting comprehensive education, training, and research infrastructure as per the nation's requirements.
- To build resources,facilities, proficiencies and other related infrastructure of global standard for the development of knowledge, skills, and competencies in the various educational domains.
- To develop research-oriented pedagogy for flourishing ideas and to nurture innovators, entrepreneurs and professionals of tomorrow
- To build and enhance collaborations with other academic, research, industry, and government organizations as well as NGOs across the globe so that education, training and research at university and its affiliated colleges become aligned with national and global level requirements.
- To encourage multidisciplinary research and develop flexible learning ecosystem,

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

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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Designed by: Mr. Harish S. Vaghela, Office Assistant, GTU-GSET

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(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: 18
Inception Year: 2018

(3) Post Graduate Diploma in Data Science
Duration: 01 Year
Intake: 30
Inception Year: 2020

(4) M.E. – Computer Engineering (Internet of Things)
AICTE Approved
Duration: 02 Years
Intake: 18
Inception Year: 2021

(5) M.E. – Computer Engineering (Artificial Intelligence and Data Science)
AICTE Approved
Duration: 02 Years
Intake: 18
Inception Year: 2022

(6) M.E. – Civil Engineering (Structural Engineering)
AICTE Approved
Duration: 02 Year
Intake: 18
Inception Year: 2022

(7) B.E. – Computer Engineering (Newly introduced program)
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Inception Year: 2023

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