

KANASH कनश

Reflection of GTU-GSET Activities
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Gujarat Technological University

Graduate School of Engineering and Technology



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Initiative:

ADF Centre:

GTU-Graduate School of Engineering and Technology has established an ADF Centre approved by AICTE, New Delhi and Gujarat Technological University, Ahmedabad for full-time Ph.D. Programme under AICTE Doctoral Fellowship Scheme. The Institute offers Ph.D. programmes in Computer Engineering (Cyber Security)

and Electronics & Communication (Mobile Communication and Network Technology) in the field of thrust areas such as Big Data, Machine Learning & Data Science, Blockchain Artificial Intelligence, Green Technologies, Electronics & Photonics, Augmented Reality/Virtual Reality, Internet of Things, Cyber Security and

other disruptive technologies. Under ADF Schemes, the Ph.D. scholar will avail fellowship of Rs. 31,000/-per month for the first two years followed by Rs. 35,000/- per month for the third year. HRA at the rate of 16% is provided. In addition, Rs. 15,000/- per year is provided as contingency grant. Duration of the scheme is 03 (Three) years.

FDP Organized:

(1) The institute organized five days online faculty development program on “**Data Mining and Security with Machine Learning**” during 12-16 October, 2020 in association with MNIT Jaipur. The FDP was sponsored by ISEA Project – II.

diabetes care using machine learning for COVID-19 etc. The FDP is coordinated by **Dr. S. K. Hadia and Prof. Rutika Ghariya.**

FDP is coordinated by **Prof. Komal Borisagar and Prof. Seema Joshi.**



Objectives of the FDP were to bring together researchers from both industry and academia to participate and get experienced with various aspects of big data mining and associated tools by classroom learning and hands-on experience. Main topics of the FDP are: neural network and back propagation, regression, IoT security, machine learning in Healthcare, ML in robotics,

(2) The Institute organized the online faculty development program on “**Cyber Forensic Investigation and Ethical Hacking**” under ISEA Project Phase-II. The objective of this FDP were to provide introduction of cybercrime investigation, to provide an understanding of how to investigate the cyber cases and ethical hacking is processes to protect the information etc. The FDP is held during 26 - 31 October, 2020. Mr. Abhishek Chaubey and Mr. Ambuj Kumar have been invited as experts to deliver various topics namely, criminal tracing skills, acquisition & duplication, legal challenges and solutions in fighting cybercrime, analyzing and investigating deleted Data, cyber law and consulting etc. The



(3) The online short term training program (STTP) on “**Digital Forensics: Present Trends and Future Opportunities**” organized by the institute under ISEA phase II during 29 December, 2020 to 02 January, 2021. The objective of the FDP was to spread knowledge about digital forensic. Digital Forensics is very much important for all the civil cases, criminal cases and administrative cases in law as well as in the public and private organization.



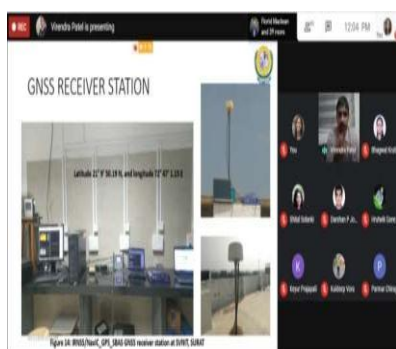
Whenever there is a crime, there is a need of evidences to put in the court and to find the evidences, there should be skilled person in the field of Digital Forensics. Shri. Samir Datt, Ms.

Shubhashini Singh, Mr. Mayank Rathour, Mr. Ankit Sharma have delivered their expertise during the FDP. The FDP is coordinated by **Prof. Deepak Upadhyay and Prof. Mahesh Panchal**

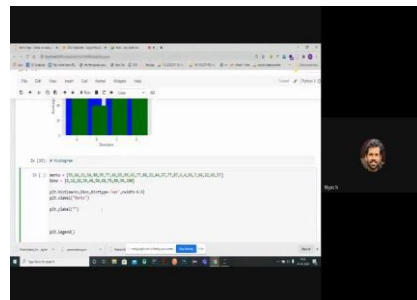
Experts Invited for talk:

The Institute has organized webinar series by industrial experts on every Saturday. The purpose of the webinars are to aware industry demand, to explore new technologies, to cope up our students as per the industrial requirement and to promote research opportunities in the emerging area of the program among the students. The webinars are open for the all UG/PG/Ph.D. students, faculty members across the India. In each webinar, around 120 participates have proactively attended.

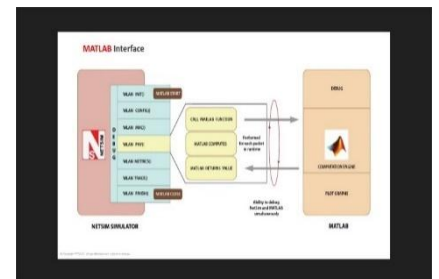
(1) Mr. Virendra Patel, Ph.D. scholar, SVNIT, Surat, delivered webinar on **“Global Navigation System Satellite”** on 17th October, 2020. The webinar is coordinated by **Prof. Rutika Ghariya**



(2) Mr. Niyas Narimukkil, Master Trainer, Learning with Vodafone University Engagement Program, delivered a webinar on **“Data Visualization with Python Matplotlib: Creating Static, Animated and Interactive Visualizations”** on 24th October, 2020. The webinar is coordinated by **Prof. Margam Suthar.**



(3) Mr. Kanagraj Krishna moorthy, Application Engineer, TETCOSLLP, Bangalore has been invited to deliver a webinar on **“Research and Development in 5G and IoT Network using NetSim Tool”** on 31st October, 2020. Mr. Kanagrai introduced use of NetSim in 5G and IoT network using his research project. More than 50 participants from the various institute have attended. The webinar is coordinated by **Prof. S.K. Hadia**



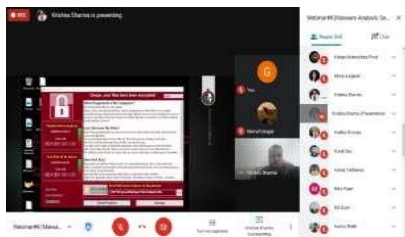
(4) Mr. Kartik Goyal, Application Engineer, Jyoti Electronics, Ahmedabad, delivered a webinar on **“Understanding of Antenna for 5G Technology using CST Studio Suite”** on 7th November, 2020. Mr. Kartik has demonstrated novel type of the antennas to be used in 5G technology. More than 85 participants across the Gujarat have attended the webinar. Various aspects of 5G antennas were explored in the session. The webinar is coordinated by **Prof. Gautam Makwana.**



(5) **Mr. Hasit Trivedi**, Chief Program Officer, Institute of Skill Development and Training, delivered a webinar on **“Know Your Equipment on 21st November, 2020**. The session is coordinated by **Prof. Mahesh Panchal**.



(6) **Mr. Krishna Sharma**, Cyberfor Pvt. Ltd., delivered a webinar on **“Malware Analysis – secret of Reverse Engineering”** on 10th December, 2020. The session is coordinated by **Prof. Deepak Upadhyay**.



(7) **Mr. Harshal Patel**, CID Crime & Railways, delivered a webinar on **“Role of Digital Forensics in Investigation- A Case study”** on 19th December, 2020. The session

is coordinated by **Prof. Deepak Upadhyay**.

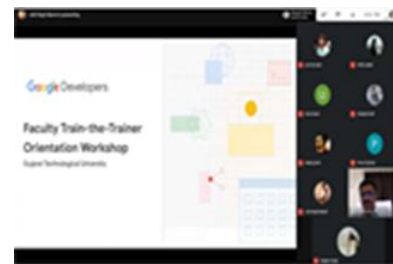


(8) **Prof. Kaushika Pal**, Associate Professor, SCET, Surat, delivered webinar on **“Data Classification with Naive Bayes”** on 19th December, 2020 and session is coordinated by **Prof. Mahesh Panchal**.



(9) **Mr. Lalit Singh**, Training Program Manager and **Mr. Harsh Datta**, Community Manager, Google, Bengaluru delivered a webinar during the online orientation program of the institute on **“Android Development with Kotlin”** on

21st December, 2020. **Prof. Seema Joshi**, coordinated the session.



STTP Organized:

A short-term training program (STTP) was organized on **“Emerging Software for Civil Engineering”** during 7 - 11 December 2020. The resource person of the STTP was Mr. Bhagyesh Patel, Technical Director, Khodiyar CAD Center. There are more 40 faculty members of civil engineering discipline from various institutes of the Gujarat. The STTP is coordinated by **Prof. Mridul Seth** and **Prof. Raj Hakani**.



GTU-GSET FACULTY ACTIVITIES

Awards & Honors:

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

(1) Prof. Seema B. Joshi, Assistant Professor, received an "ICONIC EDUCATIONIST AWARD" (for The Excellence in Cyber Security Education & Research) from The Glorious Organization for Accelerated to

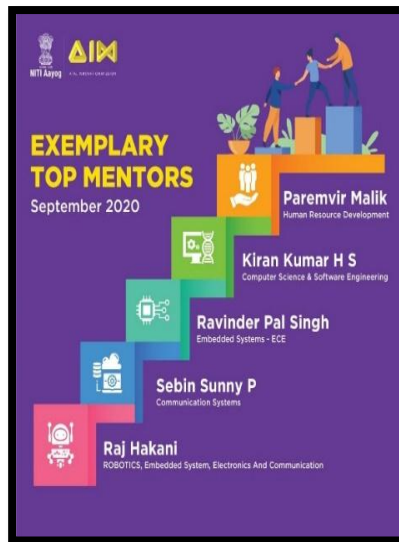
Literacy, GOAL Society, Delhi on 25th October 2020.

(2) Prof. Seema B. Joshi, Assistant Professor, received an appreciation certificate for TI-MooC-Embedded Design Systems on NPTEL Platform from Texas Instruments and AICTE, New Delhi for fostering the ecosystem bridging Government, Academia and Industry on 24th December 2020.

(3) Prof. Raj Hakani, Assistant Professor, awarded as TOP Five Mentor across India by ATAL Innovation Mission, NITI Ayog, New Delhi on 30th October 2020.

(4) Prof. Raj Hakani, Assistant Professor, led GTU Robocon team and received 2nd Judges Special Award under category of Creative and Innovative Design of Robot by TOYATO Motors, Japan at International Robocon 2020 organized by Fiji & hosted by Japan on 12th December 2020.

(5) Prof. Raj Hakani, Assistant Professor, has received 2nd ALL INDIA RANK on 27th October 2020 and GTU Robocon has represented INDIA at International Level Robotics Competition at Tokyo, Japan.





Faculty members as Resource Persons:

(1) Prof. Deepak Upadhyay Assistant Professor delivered an expert lecture through online mode on “**Tools and Techniques for Cyber Crime Investigation**” organized by Dr. S. & S. S. Gandhi Government Engineering College, Surat on 14th October, 2020.

(2) Prof. Deepak Upadhyay Assistant Professor delivered an expert lecture through online mode on “**Career Opportunities In Cyber Security**” organized by Atmiya University, Rajkot on 16th October, 2020.

(3) Prof. Deepak Upadhyay, Assistant Professor, delivered an expert lecture through

online mode on “**Cyber Terrorism**” for the Ahmedabad Police on 29th October, 2020.

(4) Prof. S D Panchal, Professor, delivered an expert talk on “**About NBA & Its Terminology**” in NBA workshop organized by Tolani Motwane Institute of Management Studies, Adipur on 7th December, 2020.

(5) Prof. S D Panchal, Professor delivered an expert talk on “**How to write an Effective Course Outcome**” in NBA workshop organized by Tolani Motwane Institute of Management Studies, Adipur on 8th December, 2020.

(6) Prof. S D Panchal, Professor delivered an expert talk on “**Structure And Design of Manuscript Preparation**” in the AICTE-GTU sponsored FDP on **Rethinking and Restructuring an Examination System by Effective Technology** organized by GTU-Graduate School of Pharmacy, Gandhinagar on 16th December, 2020.

(7) Prof. Raj Hakani, Assistant Professor, delivered an expert talk on “**How To Write Technical Document Using Latex Tool**” organized by GTU-Graduate School of Engineering and Technology, Ahmedabad for All PG Students on 19th December, 2020.

Technical & Non-Technical Contribution:

(1) Prof. Deepak Upadhyay, Assistant Professor, has involve to solve a cyber case of the Gujarat Pharmacy Council (GPC) reference by GTU on 5th October 2020. Some cyber criminals hacked the website of Gujarat Pharmacy Council enter the dummy data and provided the fake certification. In the investigation a team include Prof. Deepak and his PG students of the Institute, has found the evidences of

culprits and traced the IP address and solved the cyber case with available technologies at the Institute. The crime branch appreciated efforts of GTU-GSET to solve the case. Prof. Deepak has developed a portal called “Pardarshita Portal” for the Gujarat Police during 1-10 October, 2020. The portal was inaugurated by DGP Gujarat on 10th October, 2020. This is a unique portal for the public to see status of their

applications filed by the citizen of the Gujarat (police case) online through the credentials.

(2) Prof. Seema Joshi, Assistant Professor, has served as NPTEL Quality Checker (QC) for the subject: Data Science for Engineers in Gujarati language on Massive Online Open Courses (MOOC) during 1st June 2020 to 29th December 2020.

GTU-GSET STUDENT ACTIVITIES & PLACEMENTS

Student Activities:

- ❖ Students of GTU-GSET have attended 3 seminars, 1 workshop, and 24 expert talk on various topics during last 3 months period.

Mr Neel Shah & Mr. Jay Pomal ME-CE Cyber Security, batch 2019 Participated in online quiz organized by ISEA project phase II programmed by ministry of electronics and information technology on topic named "Email Security Facebook Security, Cyber security, cyber bullying, Cyber ethics etc.

Placements:



Mr. Vedant Joshi, pass out student of M.E.-EC (MCNT) batch - 2018-20, selected at

Bhaskaracharya Institute for Space Applications and Geoinformatics (BISAG), Gandhinagar as Software developer (Machine Learning & Python)



Ms. Vidhya Sudani, pass out student of M.E.-EC (MCNT) batch - 2018-

20, selected at Bhaskaracharya Institute for Space Applications and Geoinformatics (BISAG), Gandhinagar as Software developer (Machine Learning & Python)



Mr. Jayvirsinh Sevaniya pass out student of M.E.-EC (MCNT) batch

- 2018-20 selected at Shashank Field Tech. Service Pvt. Ltd., Surat as a Maintenance Engineer. His annual package is Rs. 5.5 Lacs.

Internship & PG Dissertation:



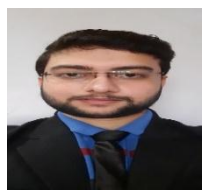
Jay Pomal, (ME-CE Cyber Security batch 2019)

completed the internship at NCIIPC PPP Partner ISAC (National Critical Info. Infrastructure Protection Centre)



Mr. Krunal Patel, ME-CE Cyber Security, batch 2019,

completed the internship at NCIIPC PPP Partner ISAC, New Delhi, India.



Mr. Pranjal Upadhyay, ME-CE Cyber Security, batch 2019,

completed the internship at NCIIPC PPP Partner ISAC, New Delhi, India.



Mr. Rushabh Vaghela, ME-CE Cyber Security, batch 2019,

completed the internship at NCIIPC PPP Partner ISAC, New Delhi, India.



Ms. Krima Prajapati, ME-CE Cyber Security, batch 2019,

Completed the internship at International Institute of Forensic & Studies.



Ms. Puja Singh, ME-EC (MCNT), batch 2019,

has been selected for an Internship for her PG Dissertation for a period of one year at Grid Scape, Baroda.



Ms. Pooja Ojha, ME EC (MCNT), batch 2019,

has been selected for an Internship for her PG Dissertation for a period of one year at Gujarat Power Research & Development Cell, Gandhinagar.



Ms. Vidhi Thakkar, ME EC (MCNT), batch 2019,

has been selected for an Internship for her PG Dissertation for a period of one year at DA-IICT, Gandhinagar



Ms. Priya Mishra, ME EC (MCNT), batch 2019,

has been selected for an Internship for her PG Dissertation for a period of one year at DA-IICT, Gandhinagar



Ms. Mesariya Urvashi, ME EC (MCNT), batch 2019,

has been selected for an Internship for her PG dissertation for a period of one year at Space Application Centre (SAC) - ISRO, Ahmadabad.

RESEARCH PUBLICATION & AWARDS

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:

Dr. S K Hadia, Associate Professor, published a research paper titled “**Creation of speech**

corpus for emotion analysis in Gujarati language and its evaluation by various speech parameters” in International Journal of Electrical and Computer Engineering (Scopus indexed), ISSN 2088-8708 (0.332 (SJR)) in October 2020.

Research Paper Reviewed:

Prof. S D Panchal, Professor, reviewed a research paper for **International Journal of Remote Sensing and Remote Sensing Letters**, Print ISSN: 2150-704X Online ISSN: 2150-7058, Taylor & Francis Online Publication

Prof. Gautam Makwana, Associate Professor, reviewed research papers for **International Virtual Conference on Futuristic Communication and Networking Technology (VICFCNT) - 2020** organized by Vellore Institute of Technology, Chennai

Prof. Rutika Ghariya, Assistant Professor, & Prof. Seema Joshi, Assistant Professor, reviewed research papers for **Multidisciplinary International Research Journal** published by Gujarat Technological University.

NEW ARRIVALS

High Performance Computing laboratory received a Super Computer - Param Shavak System through Gujarat Council on Science and Technology (GUJCOST), Gandhinagar in association with Gujarat Technological University (GTU). The objectives of the Super Computer are to nurture research facilities, to provide high computing facilities

for PG students, and Ph.D. students of the Institute and the University.

Specifications of Param Savak System Specification: High performance and deep learning equipped with x86 based latest Intel processor, 96 GB RAM, 16 TB storage, N vidia based co-processing accelerator technologies and software development environment.



PARAM Shavak



Blogs:

(1) Cyber security and COVID-19

Due to the COVID-19 pandemic situation, every sector has been impacted. Specifically, in the education sector, as an impact, laboratory access is restricted, projects have been put aside, and fieldwork interrupted. The use of the Internet, videoconferencing and other technologies people use rapidly increases as one of the secondary effects of the COVID-19 pandemic. This enlarged demand has stressed networks and exposed previously unidentified vulnerabilities, which are exploited by Cyber criminals with new strategies. An example of Zoom bombing exploit is interferences with academic networks such as thesis defence given over the University teleconference. The fake and malicious emails that appeared to be from the Center for Disease Control (CDC) which were contained malware attachments, aimed to hijack user credentials, Ransomware attacks have been escalating in healthcare sector during the pandemic, etc. Every challenge also brings opportunities along with it. This is the right time for Cyber security professionals to contribute to the fight against emerging threats related to the pandemic. I believe that our ultimately help to protect the digital world. Small contributions to deal with aroused challenges.

-By Prof. S. D. Panchal, Professor

(2) એકલતા

જીવનમાં એકલતાની અવસ્થા અન્યંત ઘેરો પ્રભાવ પાડનારી હોય છે. પછી ભલે મનુષ્ય

હોય કે પ્રાણી એ બધા પર એક સમાન જ પ્રભાવક અવસ્થા છે. દરેકને જીવનમાં એકલતાનો અનુભવ ક્યારેક ને ક્યારેક ચોક્કસ થાય જ છે. એના કેટલાક હકારાત્મક પાસા પણ હોય છે અને કેટલાક નકારાત્મક પાસાઓ પણ હોય છે. જો કે નિર્વિવાદિત પણે હકારાત્મકતા અને નકારાત્મકતા આપણા મૂળ સ્વભાવ પર આધારિત હોય છે. એકલતા એ વ્યક્તિના વાસ્તવિક સ્વરૂપનો પરિચય કરાવે છે. અનાયાસે એ આપણી પ્રકૃતિ અને વર્તનથી પણ વાકેફ કરાવવામાં મદદરૂપ બની રહે છે. આ અવસ્થામાં જ આપણી શક્તિ તેમજ કૌશલ્યો ને નીખારી શકાય છે કે પછી વ્યક્તિ સાવ નિર્બળ અને લાચાર પણ બની શકે છે. એકલતાના સંદર્ભમાં ગુજરાતી ભાષાના એક લેખકે પણ ખુબ ઉત્કૃષ્ટ રજૂઆત કરતા કહ્યું છે કે, એકલતા માટે અંગ્રેજી ભાષા પાસે બે શબ્દો છે : અલોનનેસ અને લોનલીનેસ, અને આ બે શબ્દો વચ્ચે એક તાત્વિક ફર્ક છે. જ્યારે તમે બારી બંધ કરીને દુનિયાને બહાર ફેંકી દો છો ત્યારે તમે એકલા છો, 'અલોન' સામ્રાજ્યના સમ્રાટ છો, તમારી હવેની જિંદગીનો ગ્રાફ તમે નક્કી કરો છો, તમારી હથેળીની રેખાઓ પર તમારો અખિતયાર સંપૂર્ણ છે. જ્યારે દુનિયા તમને ફેંકી દે છે અને તમે તલસો છો કે કોઈક પાસે, જોડે, પડખે હોવું જોઈએ. તમે લાચાર અને મોહતાજ બની જાઓ છો, દયા એક સહારો બની જાય છે. મહોબ્બત નહીં પણ મહેરબાનીની દિશામાં તમારી આંખો અપલક તાકી રહી છે, ત્યારે તમે 'લોનલી' બની જાઓ હવે તમે જ વચિારો, તમે લોનલી છો કે અલોન ?

- By રણુદોડ ખાંભલા, (લાઈબ્રેરિયન)

(3) Fraudulent Coronavirus Vaccines Distributions Claims by Cyber-Criminals

Earlier the day (5th Jan) dry run of the coronavirus vaccine started at 259 sites spread across 116 districts in all states and union territories. Union Health Minister

Harsh Vardhan said that the Covid-19 vaccines would be provided free of cost to everyone in the country. According to officials, the initial vaccines will be sent only to government hospitals, public health centres or large private hospitals. The first two priority groups of healthcare and other frontline workers such as police personnel will be vaccinated firstly. However, many cyber-criminals & adversaries are taking advantage of this situation and luring the innocent citizens into their traps by various cyber-attacks like vishing (phishing approaches). How Are They Making It Happen? Fraudsters call victim claim stroke governmental official representatives for Corona vaccines distributions and inform them to get registered forgetting corona vaccines sooner. And for that the asks for the victim's personals & banking credentials details (i.e., Aadhar card, Debit/Credit Card, CVE etc.). People living in terror of this global pandemic, wants to get vaccinated as soon as possible, so They get easily convinced to get register themselves to avail vaccine and they willing give their sensitive information like banking details and more importantly OTP (aka One Time Password), which the fraudsters use to make large transactions in background, resulting in to financial loss of victims. Yet, this does not stop here, scammers are using this to trick innocent victims to reveal their personal as well sensitive details. Once they get these details, they are making other cyber-crimes as well using that information (Identity theft, Duplicates & Multiple Bank Accounts for various fraud & illegal transactions.)

How to remain vigilant & safe against Such Cyber-frauds & scams:

1. Do not believe in such fraud calls in the name of COVID-19 vaccine registration.

2. Do not share your personal and Credit/Debit Card with strangers.
3. Never share any of the received OTP on your mobile with anybody.

4. If encounter with such cases, immediately contact nearby police (*Cyber Cell preferable).

- By Sanjeev Singh ME-CE (Cyber Security), Batch: 2018-20.

GTU-GSET IN MEDIA

07/10/2020

DATE: 13/10/2020

જીસેટ દ્વારા 'નેટવર્ક સિક્યુરિટી' વિષય પર ઈ-સેમીનાર યોજાયો

અમદાવાદ, બુધવાર

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી(જીટીયુ) સંચાલિત ગ્રેજ્યુએટ સ્કૂલ ઓફ એન્જિનિયરિંગ અને ટેકનોલોજી(જીસેટ) દ્વારા ઈન્ફોર્મેશન સિક્યુરિટી એ જ્યુકેશન અને અવરનેસ (આઈએસઈએ)ના પ્રોજેક્ટ ફેઝ -૨ હેઠળ તાજેતરમાં ૫ દિવસીય 'નેટવર્ક સિક્યુરિટી' પર ઈ-સેમીનાર યોજાયો હતો. જેમાં રાષ્ટ્રીય અને આંતરરાષ્ટ્રીય સ્તરની સંસ્થાઓ અને યુનિવર્સિટીઓના ૧૦૦ થી વધુ રિસર્ચર્સ ભાગ લીધો હતો. ટેકનિકલ શિક્ષણમાં અધ્યાપકોની સંશોધન અને વહીવટી પ્રવૃત્તિની કુશળતામાં વધારો થાય તે હેતુસર ઈ-સેમીનારનું આયોજન કરવામાં આવે છે. જીટીયુના કુલપતિ પ્રો. ડો. નવીન શેઠના અધ્યક્ષ સ્થાને એફડીપીનો શુભારંભ કરવામાં આવ્યો હતો. આ પ્રસંગે મુખ્ય અતિથિ તરીકે નિરમા યુનિવર્સિટીના સીએસઈ વિભાગના પ્રો. ડો. સંજય ગર્ગ, સી-ડીએસી હેદરાબાદના એસોસિયેટ ડિરેક્ટર શ્રી. સી. એચ. એ. એસ. મૂર્તિ, જીટીયુ કુલસચિવ ડો. કે. એન. ખેર અને જીસેટના ડિરેક્ટર પ્રો. ડો. એસ. ડી. પંચાલ ઉપસ્થિત રહ્યા હતાં.

વર્તમાન સમયમાં સાયબર સિક્યુરિટીના મહત્વ વિષે વિષય તજજ્ઞ અને ઈન્ફોર્મેશન સિક્યુરિટી ઈવેન્જલિસ્ટના સીઈઓ અને હેડકોર્ટ ટેકનોલોજીના સલાહકાર એવા શ્રી મનુ ઝકરીયાએ નેટવર્ક સિક્યુરિટી, પ્રોટોકોલ અને પેકેટ એનાલિસિસ, વાયરશાર્ક, ટીસીપી ડમ્પ, ફાયરવોલ્સ અને આઈપેબલ્સ, વર્ચ્યુઅલ પ્રાઈવેટ નેટવર્ક કન્ફિગ્યુરેશન વી.પી.એન., ઈન્ટ્રુઝન ડિટેક્શન સિસ્ટમ, સ્નોર્ટ, પી.કે.આઈ વગેરે વિષય પર ઈ-સેમીનાર દરમિયાન વિસ્તૃત ચર્ચા કરવામાં આવી હતી. જેનો મૂળ હેતુ કોવિડ-૧૯ના સમયગાળામાં વર્કફોમ હોમ કરતાં કર્મચારીઓની આઈપી ચોરી, ડેટા લિકેજ, ફિશિંગ એટેક, સોફિસ્ટિકેટેડ વગેરે જેવા નેટવર્ક અને સાયબર એટેકર્સથી બચવા તથા નેટવર્ક સુરક્ષા પર કેવી રીતે વપરાશકર્તાએ ધ્યાન રાખવું બાબતે ચર્ચા કરાઈ હતી.



DATE: 20/10/2020



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

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